



Programmer's Guide

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About this Guide

Application Connector for Siebel7 3.2 (ACS7) programmer's guide documents ACS7 APIs. These APIs provide access to FileNet libraries, Siebel server and ACS7 database. These APIs can be used to customize ACS7. The guide explains functions related to CISMain and CISCommon package that are exposed by ACS7.

Overview

This guide is designed to assist programmers in using ACS7. Following is an overview of the information contained in this guide

Chapter 1 – ACS7 Overview: Provides an overview of ACS7 architecture.

Chapter 2 – Database Schema: Explains the ACS7 database schema.

Chapter 3 – Class Structure Design: Provides an overview of the ACS7 classes and their interaction.

Chapter 4 – Using the RequestHandler Interface: Provides description of the methods of the RequestHandler class

Chapter 5 - Using the CISCommon Interface: Provides description of the methods of the CIScommon package.

Chapter 6 – Using the CISFormUtil Interface: Provides description of the methods of the CISFormUtil class

Target Audience

This guide provides information on ACS7 product, which provides various functions relating to FileNet, Siebel data access and ACS7 database. Users can use this guide to customize ACS7 product. The user will need a good understanding of the FileNet and ACS7 systems, as well as a working knowledge of Windows NT/2000. Knowledge of following is required:

- Visual Basic .NET and ASP.NET

- Visual Basic 6.0

- Siebel Client 7.5.2

Panagon IDM Desktop 3.2

Conventions and Notations Used in this Guide

This guide uses the following type, text, and naming conventions:

| <u>Convention</u> | <u>Description</u> |
|--------------------------|---|
| Bold type | Indicates file names and directory names. |
| Fixed Size | Indicates code samples, syntax, class names, and parameters. |
| Comments in code | Indicates comments in the code. |
| Blue text | Indicates a link to another topic, a link to another section in the same topic, or a link to an external topic. |

Education

FileNet provides various forms of instruction. Please visit the Global Learning Services in FileNet's Service & Support area at www.filenet.com.

Comments and Suggestions

FileNet invite all customers to communicate with the Documentation group on any question or comment related to FileNet manuals and online help. Send email to docs@filenet.com. We will make every effort to respond within one week. Your suggestions help us improve the products we deliver.

Overview of ACS7

FileNet ACS7 is a set of integration modules that enables Siebel users to seamlessly store and access documents from the FileNet IDM repositories. ACS7 uses .NET DLLs that allow FileNet documents to be added, linked and queried through a Siebel Enterprise application user interface.

ACS7 comprises of three main screens:

1. **View Linked Documents:** displays any documents linked to the selected Siebel Row of Siebel application.
2. **Add Document:** allows the user to add any desktop document into FileNet library from within the Siebel application and establishes a document link to the selected record of Siebel in ACS7 database.
3. **Query And Link Documents:** queries FileNet (both IS or CS) for any document related to the selected record of Siebel and can link the documents as well in ACS7 database.

The following sections provide a logical, physical and deployment view of the ACS7 architecture.

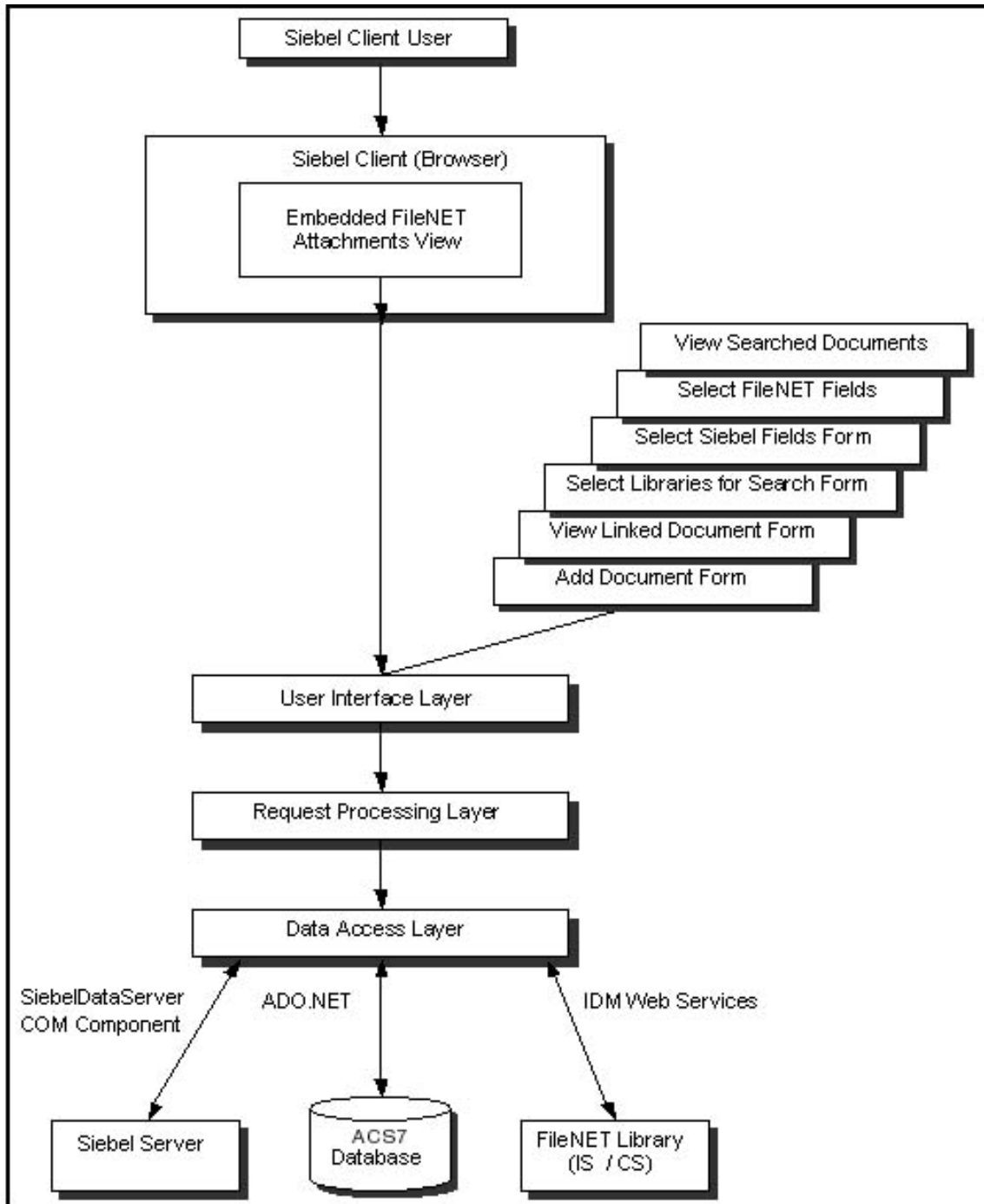
Logical view

ACS7 is based on Model-View-Controller architecture. It consists of following three layers:

1. **User Interface Layer:** This layer consists of ACS7 Web Forms, which are invoked through embedded 'FileNet Attachment' View. Siebel client user interacts with these forms to carry out following operations:
 - Add Document
 - View Linked Documents
 - Query and Link Documents
2. **Request Processing Layer:** This layer consists of *RequestHandler* class. This layer services all requests from User Interface Layer (ACS7 Web Forms) and interacts with Data Layer to fetch /insert/update data.
3. **Data Access Layer:** This layer interacts with external systems (FileNet library, Siebel Server, ACS7 database). This layer consists of Data access classes, which fetches /inserts/updates data of external systems.

Schematic Diagram of ACS7

Following schematic diagram represents the ACS7 architecture.



Physical component view

ACS7 consists of the following physical components:

- ASP.NET web forms
- .NET assemblies (DLLs)
- Configuration file
- Resource files (String and icons)
- Siebel Import files (.sif)

The following sections elaborate the physical components of ACS7

ACS7 Web Forms

ACS7 consists of the following ASP.NET web forms:

| Sr. No. | ACS7 Web Form | Description |
|---------|----------------------------------|---|
| 1. | Add Document Web Form | Adds a document into FileNet library |
| 2. | Document Security Web Form | Adds/updates security settings for the documents in FileNet Libraries (both IS and CS) |
| 3. | View Linked Documents Web Form | Displays linked documents for an active Siebel row. |
| 4. | Search Documents Form | Provides User Interface for entering the search criteria. ACS7 supports multiple library searches. |
| 5. | General Properties Web Form | This form is used to add/update general properties for the documents in FileNet Libraries (both IS and CS). |
| 6. | Custom Properties Web Form | This form is used to add/update custom properties for the documents in FileNet Libraries (both IS and CS). |
| 7. | Check-In document form | This form allows the user to check-in a document in CS library. |
| 8. | Version form | This form displays the different versions of a particular document of CS library. |
| 9. | Download form | This form allows the user to download a copy of FileNet document on his local machine. |
| 10. | View Searched Documents Web Form | This form is used to view the searched documents. |

ACS7 Assemblies (DLLs)

| Sr. No. | ACS7 Assemblies (DLLs) | Description |
|---------|------------------------|--|
| 1. | CISMain | This assembly contains request-processing classes. |

| | | |
|----|--------------------|--|
| 2. | CISFNLibraryAccess | This assembly contains data access classes, which are used to interact with FileNet library |
| 3. | CISSiebelAccess | This assembly contains data access classes which are used to interact with Siebel server |
| 4. | CISDBAccess | This assembly contains data access classes which are used to interact with ACS7 database |
| 5. | CISCommon | This assembly contains helper classes which are used by request processing and data access classes |

ACS7 Configuration file

The file, **CISconfig.xml** contains ACS7 configuration values.

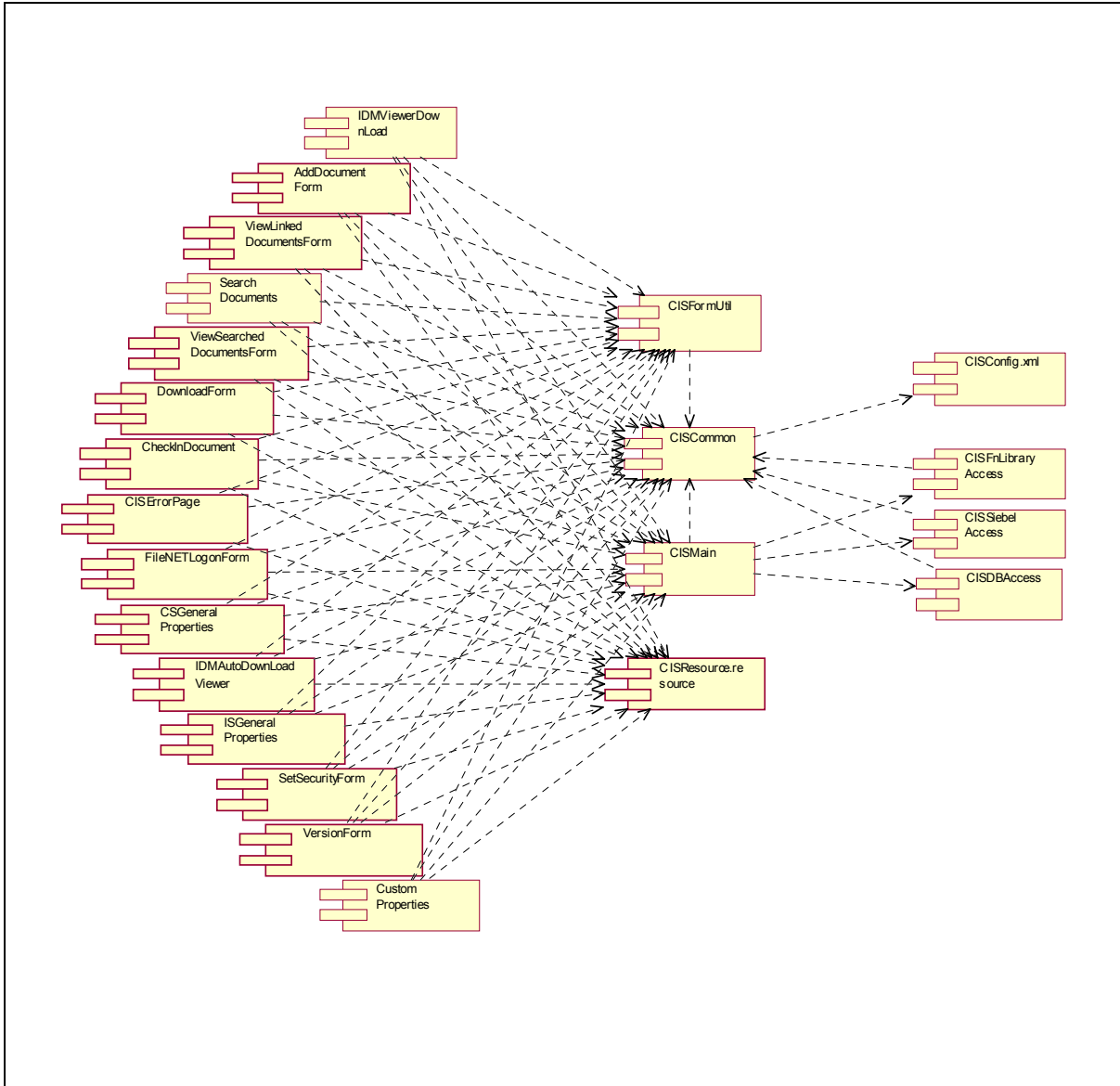
Resource files

strings.resources is used by ACS7 to read strings, which are used at run time to display Form titles, labels and error messages.

Siebel Import files (.sif)

.sif files contain Siebel object definitions and code to embed ACS7 views inside Siebel Client.

The following Component Diagram displays various components of ACS7 3.2.



Deployment view

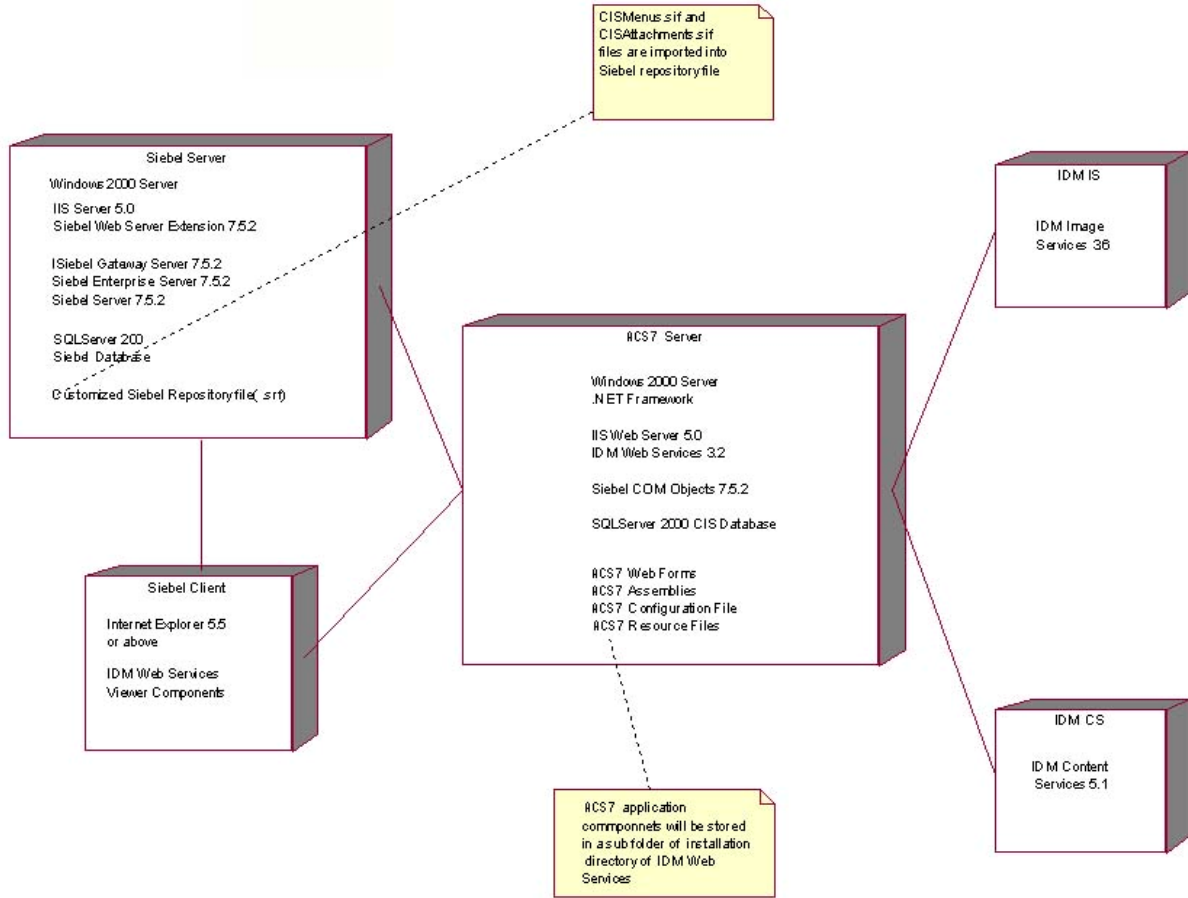
ACS7 is deployed on the server that has IDM Web Services installed. Siebel archive files for integrating ACS7 pages are imported into Siebel repository.

Following table specifies details for a typical deployment of ACS7.

| Sr. No. | Machine | Software | Description |
|---------|---------------|--|--|
| 1 | Siebel Server | OS: Windows 2000 Server IIS Server 5.0 Siebel Web Server Extension | On this machine Siebel is installed. This can be a single machine installation where all server components are installed |

| | | | |
|---|----------------------|--|--|
| | | <p>7.5.2</p> <p>Siebel Gateway server 7.5.2</p> <p>Siebel Enterprise Server 7.5.2</p> <p>Siebel Server 7.5.2</p> <p>SQLServer / Oracle</p> <p>Siebel Database Scripts</p> <p>Customized Siebel Repository</p> | <p>on same machine or a multiple machine installation where different server components are installed on different machines.</p> <p>Siebel archive file CISOObjects_752.sif/ CISOObjects_753.sif is imported into Siebel repository file. CISOObjects.sif file integrates ACS7 views with a Siebel Application (e.g. Siebel Call Center)</p> |
| 2 | Siebel Client | <p>Siebel Client 7.5.2</p> <p>Browser: Internet Explorer 5.5 & above</p> <p>IDM Web Services ViewerComponents</p> | <p>IDM Web Services Viewer Components are downloaded from ACS7 Server (where IDM Web Services are installed). This download is a one-time activity.</p> |
| 3 | ACS7 Server | <p>OS: Windows 2000 Server</p> <p>. NET Framework</p> <p>IIS Web Server 5.0</p> <p>IDM Web Services 3.2</p> <p>Siebel COM objects 7.5.2</p> <p>SQLServer / Oracle</p> <p>ACS7 Database Scripts</p> <p>ACS7 Application</p> <p>ACS7 Web Forms</p> <p>ACS7 Assemblies</p> <p>ACS7 configuration file</p> <p>ACS7 Resource file</p> | <p>On this server IDM Web Services should be installed. ACS7 is installed on this machine, and requires .NET Framework as a pre-requisite for ACS7 ASP.NET web pages and assemblies.</p> |
| 4 | IDM Image Services | <p>IDM Image Services 3.6</p> | <p>IDM Imager Service are installed on this machine</p> |
| 5 | IDM Content Services | <p>IDM Content Services 5.2</p> | <p>IDM Content Services are installed on this machine.</p> |

The following Deployment Diagram displays a typical ACS7 deployment.



Database Schema

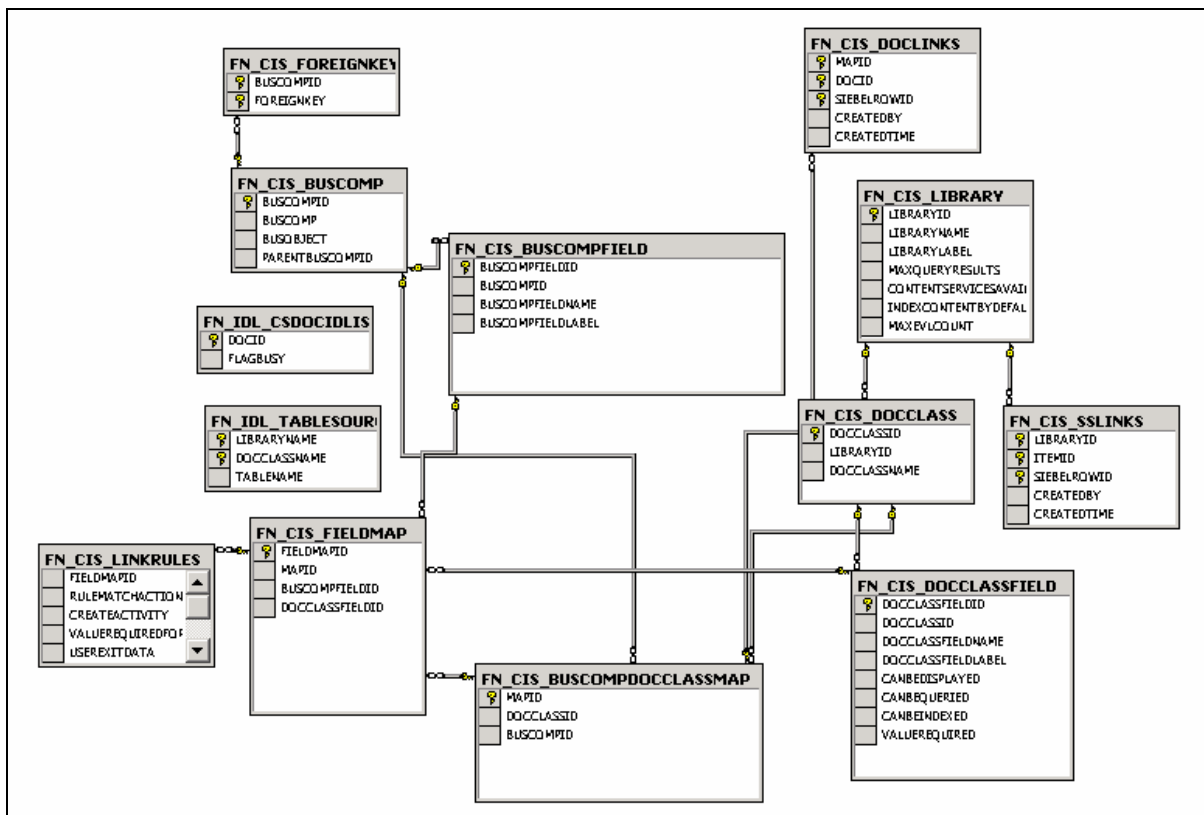
ACS7 supports the following RDBMS:

- MS-SQLServer
- Oracle

This chapter provides detailed information about the ACS7 tables, column definitions, indexes and the integrity constraints.

Entity Relationship Diagram

The following figure depicts the Entity relationship diagram for the ACS7 tables and their interrelationships.



ACS7 Table Structure

FN_CIS_BUSCOMP

This table is used to identify Siebel Business Components to be document enabled. Once a Siebel Business Component is defined in this table, the business component offers the following functions to Application Connector for Siebel 7 3.2.

- View Linked Documents
- Add Document
- Query And Link Documents

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|-----------------|-----------|------|------------|---|
| 1 | *BusCompID | Number | 3 | Yes | This field is Primary key for the Table, it identifies a Business Component uniquely. |
| 2 | BusComp | Text | 50 | Yes | Name of Siebel Business Component which is Document enabled (i.e. records of this Bus Comp can be linked to FileNet documents) |
| 3 | BusObject | Text | 50 | Yes | Name of Siebel Business Object to which the Siebel Business Component belongs |
| 4 | ParentBusCompID | Text | 50 | No | Name of Parent Business Component. If 'Link To Parent' option is used in ACS7 (while adding and linking) then the document is also linked to parent Business Component record based on this field. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique |
|---------|--------------|-------------|------------|--------|
| 1 | PrimaryKey | BusCompID | Ascending | Yes |
| 2 | BusCompIndex | BusCompName | Ascending | Yes |

FN_CIS_BUSCOMPFIELD

This table defines Siebel Business Components field names, which are used to define mapping with FileNet index fields.

Column definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|-------------------|-----------|------|------------|---|
| 1 | BusCompFieldID | Number | 3 | Yes | Unique ID for Siebel Business Component Field. This field is Primary Key field. |
| 2 | BusCompID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'BusCompID' of 'FN_CIS_BUSCOMP' table |
| 3 | BusCompFieldName | Text | 50 | Yes | Name of Siebel Business Component Field. |
| 4 | BusCompFieldLabel | Text | 50 | Yes | Display name (Label) of Siebel Business Component Field. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|-------------------|-------------------|------------|--------|--|
| 1 | PrimaryKey | BusCompFieldID | Ascending | Yes | System generated index on Primary key. |
| 2 | BCFieldNameIndex | BusCompFieldsName | Ascending | No | No |
| 3 | BCFieldLabelIndex | BusCompFieldLabel | Ascending | No | No |

Unique Constraint

| Sr. No. | Constraint Name | Fields | Description |
|---------|--------------------|---------------------------|--|
| 1 | BCUniqueConstraint | BusCompFieldID, BusCompID | The BusCompFieldID and BusCompID combination should be unique. |

FN_CIS_FOREIGNKEYS

The table defines foreign keys fields of a Business Component. If the 'Link to Parent' checkbox is selected when adding or linking a document, the document is also linked to the parent business component record based on this table.

Column definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|------------|-----------|------|------------|--|
| 1 | BusCompID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'BusCompID' of 'FN_CIS_BUSCOMP' table. This field is part of primary key. |
| 2 | ForeignKey | Text | 50 | Yes | Foreign Key field of Parent Business Component. If 'Link To Parent' option is used in ACS7 (while adding and linking) then the document is also linked to parent Business Component record based on this field. This field is a part of the primary key. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|--------------------------|------------|--------|--|
| 1 | PrimaryKey | BusCompID, ForeignKey | Ascending | Yes | System generated index on Primary key. |

FN_CIS_LIBRARY

This table defines FileNet libraries, which are available to ACS7 that can use these libraries to add a Document or to Search documents.

Column definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|------------------|-----------|------|------------|---|
| 1 | LibraryID | Number | 3 | Yes | Unique ID for FileNet Library This field is primary key field. |
| 2 | LibraryName | Text | 50 | Yes | Name of FileNet Library |
| 3 | LibraryLabel | Text | 50 | Yes | Labels for FileNet library |
| 4 | MaxQueryResultls | Number | 5 | Yes | Max. Number of Query results (Documents IDs) that should be fetched when the library is queried |

| | | | | | |
|---|-----------------------|--------|---|----|---|
| 5 | AssumeContentServices | Char | 1 | No | Applicable for CS library only 'Y': Content Services available on the library. 'N': Content Services not available. Default Value: 'N' |
| 6 | IndexContentByDefault | Char | 1 | No | Applicable for CS library only. 'Y': Index added document for text searching 'N': Do not index added document for text searching |
| 7 | MaxEVLCCount | Number | 5 | No | Applicable for CS library only. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------------|-------------|------------|--------|--|
| 1 | PrimaryKey | LibraryID | Ascending | Yes | System generated index on Primary key. |
| 2 | LibraryNameIndex | LibraryName | Ascending | Yes | Index on LibraryName |

FN_CIS_DOCCLASS

This table defines FileNet document classes that can be used to define mapping between Siebel Business Component and FileNet Document Class.

Column definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|--------------|-----------|------|------------|--|
| 1 | DocClassID | Number | 3 | Yes | Unique ID for the Document Class. This field is primary key field. |
| 2 | LibraryID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'LibraryID' of 'FN_CIS_LIBRARY' table. |
| 3 | DocClassName | Text | 50 | Yes | Name of the Document Class. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|------------|------------|--------|--|
| 1 | PrimaryKey | DocClassID | Ascending | Yes | System generated index on Primary key. |

| | | | | | |
|---|-------------|--------------|-----------|----|-----------------------|
| 2 | DCNameIndex | DocClassName | Ascending | No | Index on DocClassName |
|---|-------------|--------------|-----------|----|-----------------------|

Unique Constraints

| Sr. No. | Constraint Name | Fields | Description |
|---------|-----------------|---------------------------|--|
| 1 | UniqueDocClass | DocClassName LibraryID | LibraryID, DocClassName combination should be unique |

FN_CIS_DOCCLASSFIELD

This table defines FileNet libraries, Document Classes and Index fields (Properties) of FileNet Document Class.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|--------------------|-----------|------|------------|--|
| 1 | DocClassFieldID | Number | 3 | Yes | Unique ID for Document Class Field This field is primary key field. |
| 2 | DocClassID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'DocClassID' of 'FN_CIS_DOCCLASS' table |
| 3 | DocClassFieldName | Text | 50 | Yes | Name of Field of the Document Class (as referred by DocClassID) |
| 4 | DocClassFieldLabel | Text | 50 | Yes | Display name (Label) of DocClassField |
| 5 | CanBeDisplayed | Text | 1 | Yes | This field indicates whether DocClassField can be displayed as an index (or Property) in <i>Show Linked Documents</i> screen. Valid Values: 'Y': Field is displayed 'N': Field is not displayed |

| | | | | | |
|---|---------------|------|---|-----|--|
| 6 | CanBeQueried | Text | 1 | Yes | This field indicates whether DocClassField can be displayed as a search field in <i>Search</i> screen. Valid Values: ‘Y’: Field can be used for search ‘N’: Field can not be used for search |
| 7 | CanBeIndexed | Text | 1 | Yes | This field indicates whether DocClassField can be displayed as an index (or Property) in <i>Add Document</i> screen. Valid Values: ‘Y’: Field is displayed ‘N’: Field is not displayed |
| 8 | ValueRequired | Text | 1 | Yes | Value for this field is required in <i>Add Document</i> screen. Valid values: ‘Y’: Value is required ‘N’: Value is not required Validation: If this is ‘Y’ then ‘CanIndex’ field should also be ‘Y’. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|-------------------|--------------------|------------|--------|--|
| 1 | PrimaryKey | DocClassFieldID | Ascending | Yes | System generated index on Primary key. |
| 2 | DCFieldNameIndex | DocClassFieldName | Ascending | No | Index on DocClassFieldName |
| 3 | DCFieldLabelIndex | DocClassFieldLabel | Ascending | No | Index on DocClassFieldLabel |

Unique Constraint

| Sr. No. | Constraint Name | Fields | Description |
|---------|--------------------|----------------------------------|--|
| 1 | UniqueDCFieldIndex | DocClassID, DocClassFieldName | DocClassID, DocClassFieldName combination should be unique |

FN_CIS_BUSCOMPDOCCLASSMAP

This table defines mapping between a Siebel Business Component and FileNet Document Class. Relationship between Siebel Business Component and FileNet Document Class may be many-to-many.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|------------|-----------|------|------------|---|
| 1 | MapID | Number | 3 | Yes | Unique ID for mapping of Siebel Business Component with FileNet Document Class. This field is primary key field. |
| 2 | BusCompID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'BusCompID' of 'FN_CIS_BUSCOMP' table |
| 3 | DocClassID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'DocClassID' of 'FN_CIS_DOCCLASS' table |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|-----------|------------|--------|--|
| 1 | PrimaryKey | MapID | Ascending | Yes | System generated index on Primary key. |

Database constraints

Update on this table is not allowed. Only insert and delete operations are allowed on this table.

FN_CIS_FIELDMAP

This table defines a relationship between a Siebel Business Component field and FileNet Document field.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|------------|-----------|------|------------|-------------|
|---------|------------|-----------|------|------------|-------------|

| | | | | | |
|---|-----------------|--------|---|-----|---|
| 1 | FieldMapID | Number | 3 | Yes | Unique ID for mapping of Siebel Business Component Field with FileNet Document Class Field. This field is primary key field. |
| 2 | MapID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'MapID' of 'FN_CIS_BUSCOMPDOCCLASSMAP' table |
| 3 | BusCompFieldID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'BusCompFieldID' of 'FN_CIS_BUSCOMPFIELD' table |
| 4 | DocClassFieldID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'DocClassFieldID' of 'FN_CIS_DOCCLASSFIELD' table |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|------------|------------|--------|--|
| 1 | PrimaryKey | FieldMapID | Ascending | Yes | System generated index on Primary key. |

Unique Constraints

| Sr. No. | Constraint Name | Fields | Description |
|---------|-----------------|-----------------------------------|---|
| 1 | UniqueDocClass | DocClassFieldID BusCompFieldID | The BusCompFieldID, DocClassFieldID combination should be unique. |

FN_CIS_DOCLINKS

This table is a transaction table and stores the link information between a Siebel record and its attached FileNet documents.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|------------|-----------|------|------------|-------------|
|---------|------------|-----------|------|------------|-------------|

| | | | | | |
|---|-------------|----------|----|-----|---|
| 1 | MapID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'MapID' of 'FN_CIS_BUSCOMPDOCCLASSMAP' table. This field is part of primary key. |
| 2 | DocID | Text | 20 | Yes | FileNet Document ID. This field is part of primary key. |
| 3 | RowID | Text | 20 | Yes | Siebel Row ID. This field is part of primary key. |
| 4 | CreatedBy | Text | 50 | Yes | Application, which created Link Record. |
| 5 | CreatedTime | DateTime | NA | Yes | Time when Link record is created. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|------------------------------------|------------|--------|--|
| 1 | PrimaryKey | MapID DocumentID SiebelRowID | Ascending | Yes | System generated index on Primary key. |

FN_CIS_LINKRULES

This table contains Link Rules, which are used by 'Inbound Document Linker' to match, and link FileNet documents with Siebel records.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|-----------------|-----------|------|------------|---|
| 1 | FieldMapID | Number | 3 | Yes | This field is a foreign key field and refers to primary key 'FieldMapID' of 'FN_CIS_FIELDMAP' table. This field is primary key field. |
| 2 | RuleMatchAction | Text | 20 | Yes | Action that should be taken by IDL when Rule Matches for a Document ID. Valid values: 'LINK': Create a link record 'USEREXIT': Call User Exit Application. |

| | | | | | |
|---|-----------------------|------|-----|-----|---|
| 3 | CreateActivity | Text | 1 | Yes | This field indicates whether Siebel Activity record should be created by IDL when a link record is created. (Siebel Activity record is created in 'Action' Business Component) Valid values: 'Y': Create Siebel Activity record. 'N': Do not create Siebel Activity record. |
| 4 | ValueRequiredForMatch | Text | 1 | Yes | This field indicates whether the DocClassField value is required for a Document ID. (Here DocClassField refers to DocClassField, which is used in defining Link Rule) |
| 5 | UserExitData | Text | 200 | | |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|------------|------------|--------|--|
| 1 | PrimaryKey | FieldMapID | Ascending | Yes | System generated index on Primary key. |

FN_CIS_SSLINKS

This table will contain information of linked stored searches.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|-------------|-----------|------|------------|--|
| 1 | LIBRARYID | Number | 20 | Yes | This field will be used to store Library ID to which the linked stored search belongs. |
| 2 | ITEMID | Text | 20 | Yes | Item ID of the stored search |
| 3 | SIEBELROWID | Text | 20 | Yes | Siebel Row ID against which the stored search is linked. |
| 4 | CreatedBy | Text | 50 | Yes | Application, which created Link Record. |
| 5 | CreatedTime | DateTime | NA | Yes | Time when Link record is created. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|------------------------------------|------------|--------|--|
| 1 | PrimaryKey | LIBRARYID ITEMID SIEBELROWID | Ascending | Yes | System generated index on Primary key. |

FN_IDL_CSDOCIDLIST

This table will contain document ID's that are to be processed by IDL. The table will also contain a flag that will indicate whether the document id is being processed or not.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|------------|-----------|------|------------|---|
| 1 | DOCID | Text | 20 | Yes | This field will be used to store document ID's that will be processed by IDL. |
| 2 | FLAGBUSY | Text | 1 | Yes | Flag will indicate whether the document id is being processed or not. |

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|-----------|------------|--------|--|
| 1 | PrimaryKey | DOCID | Ascending | Yes | System generated index on Primary key. |

FN_IDL_TABLESOURCE

This table will contain the name of the dynamically generated Table names belonging to a particular document class of a library.

Column Definitions

| Sr. No. | Field Name | Data Type | Size | Req. Field | Description |
|---------|--------------|-----------|------|------------|---|
| 1 | LIBRARYNAME | Text | 50 | Yes | This field will be used to store library name. |
| 2 | DOCCLASSNAME | Text | 50 | Yes | This field will be used to store document class name. |

| | | | | | |
|---|-----------|------|----|-----|--|
| 3 | TABLENAME | Text | 50 | Yes | This field will be used to store name of dynamically generated tables. |
|---|-----------|------|----|-----|--|

Indexes

| Sr. No. | IndexName | FieldName | Sort Order | Unique | Description |
|---------|------------|-----------------------------|------------|--------|--|
| 1 | PrimaryKey | LIBRARYNAME DOCCLASSNAME | Ascending | Yes | System generated index on Primary key. |

Class Structure Design

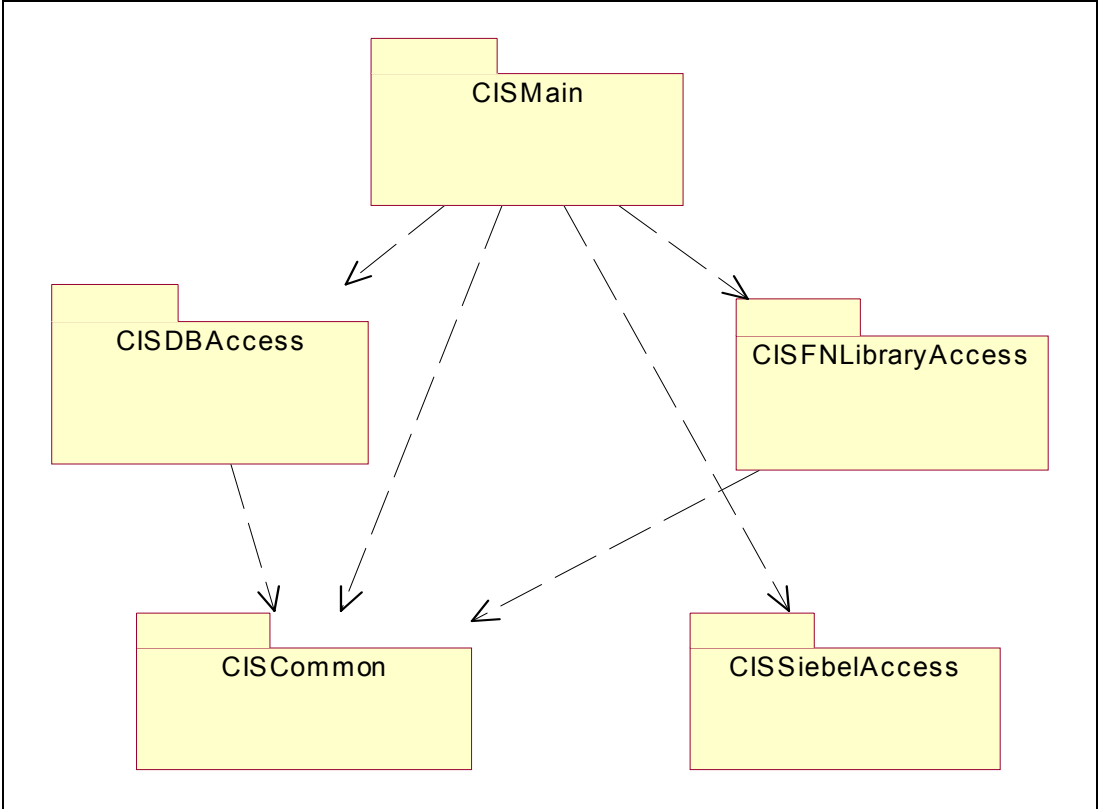
Classes in ACS7 are logically grouped into following namespaces.

- CISMain: This namespace contains classes related to request processing.
- CISFNLibraryAccess: This namespace contains classes related to FileNet library interactions.
- CISSiebelAccess: This namespace contains classes related to Siebel server interactions
- CISDBAccess: This namespace contains classes related to ACS7 database access.
- CISCommon: This namespace contains helper classes, which are referred by other namespaces.

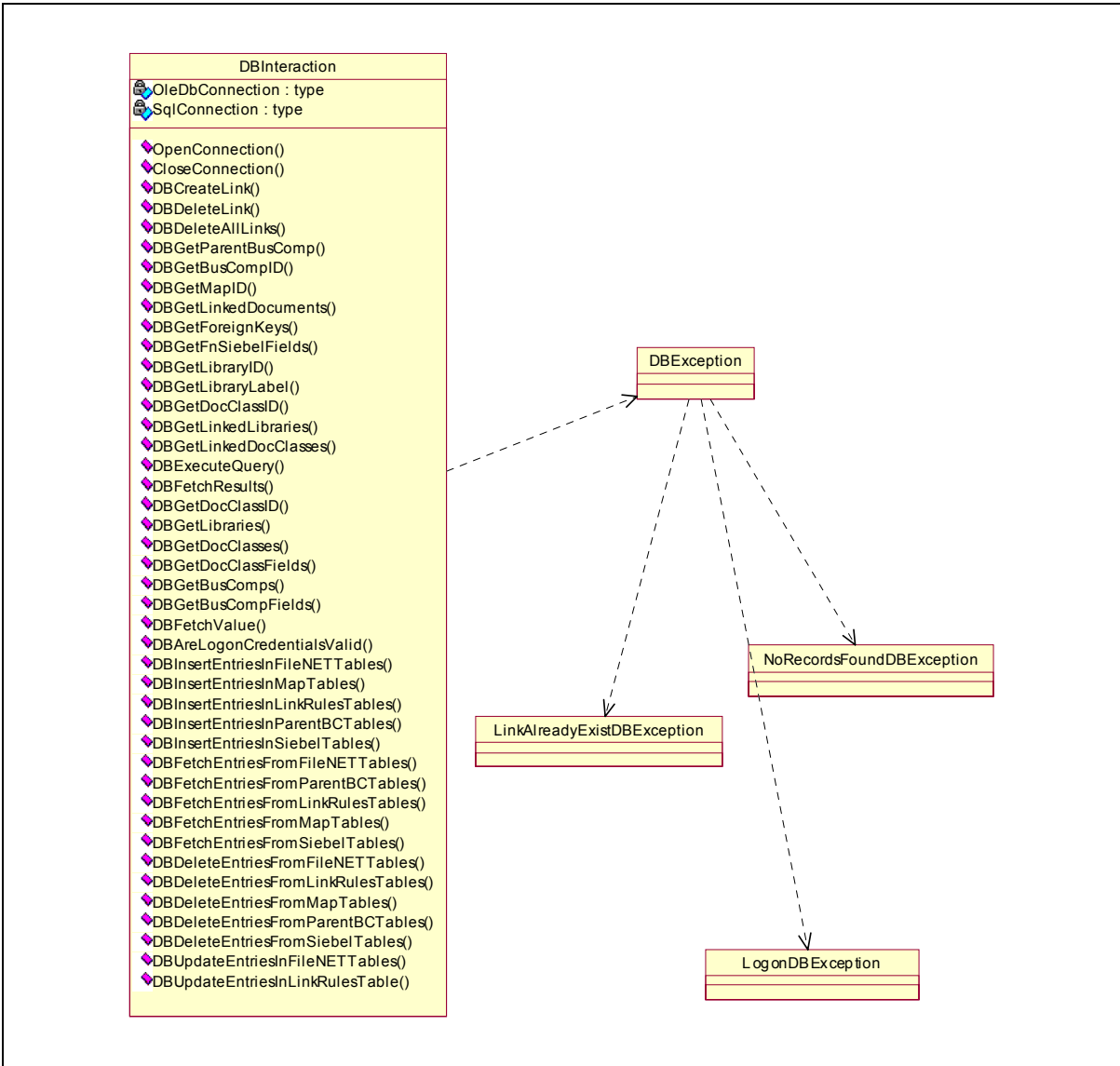
Each namespace physically map to a corresponding .NET assembly (or DLL).

Namespace Interaction Diagram

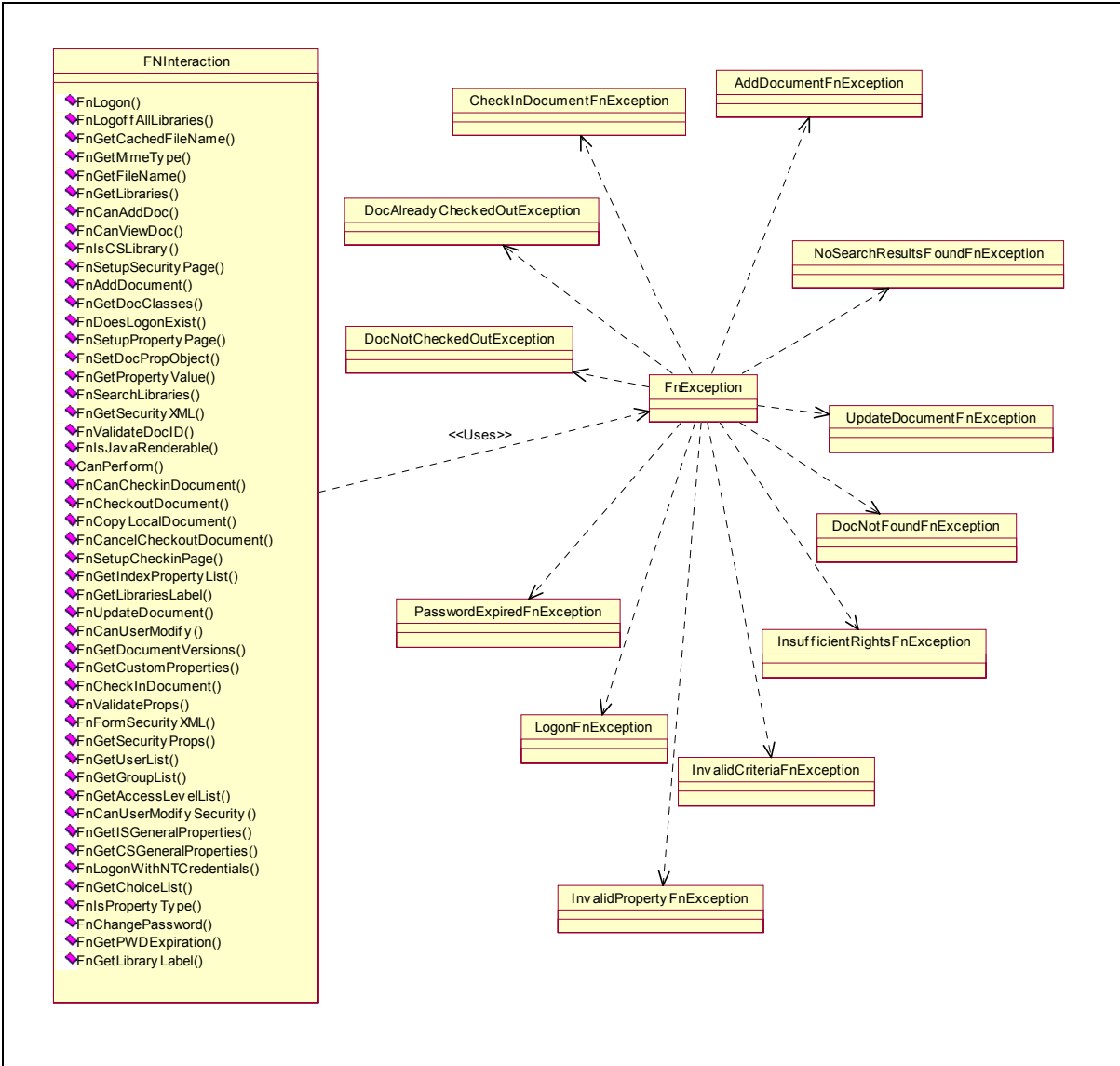
The following diagram depicts the interactions between various ACS7 namespaces.



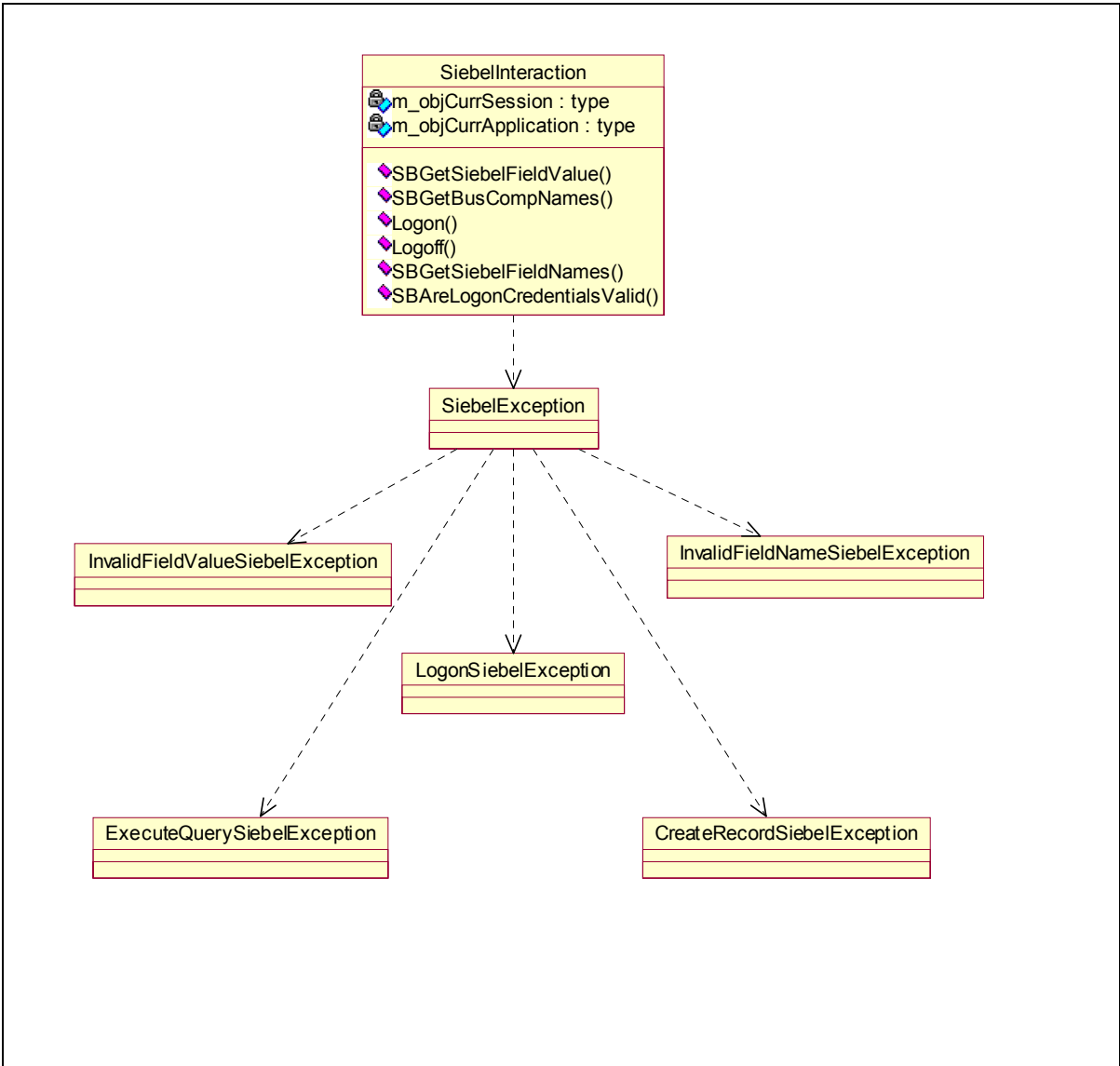
CISDBAccess Structure



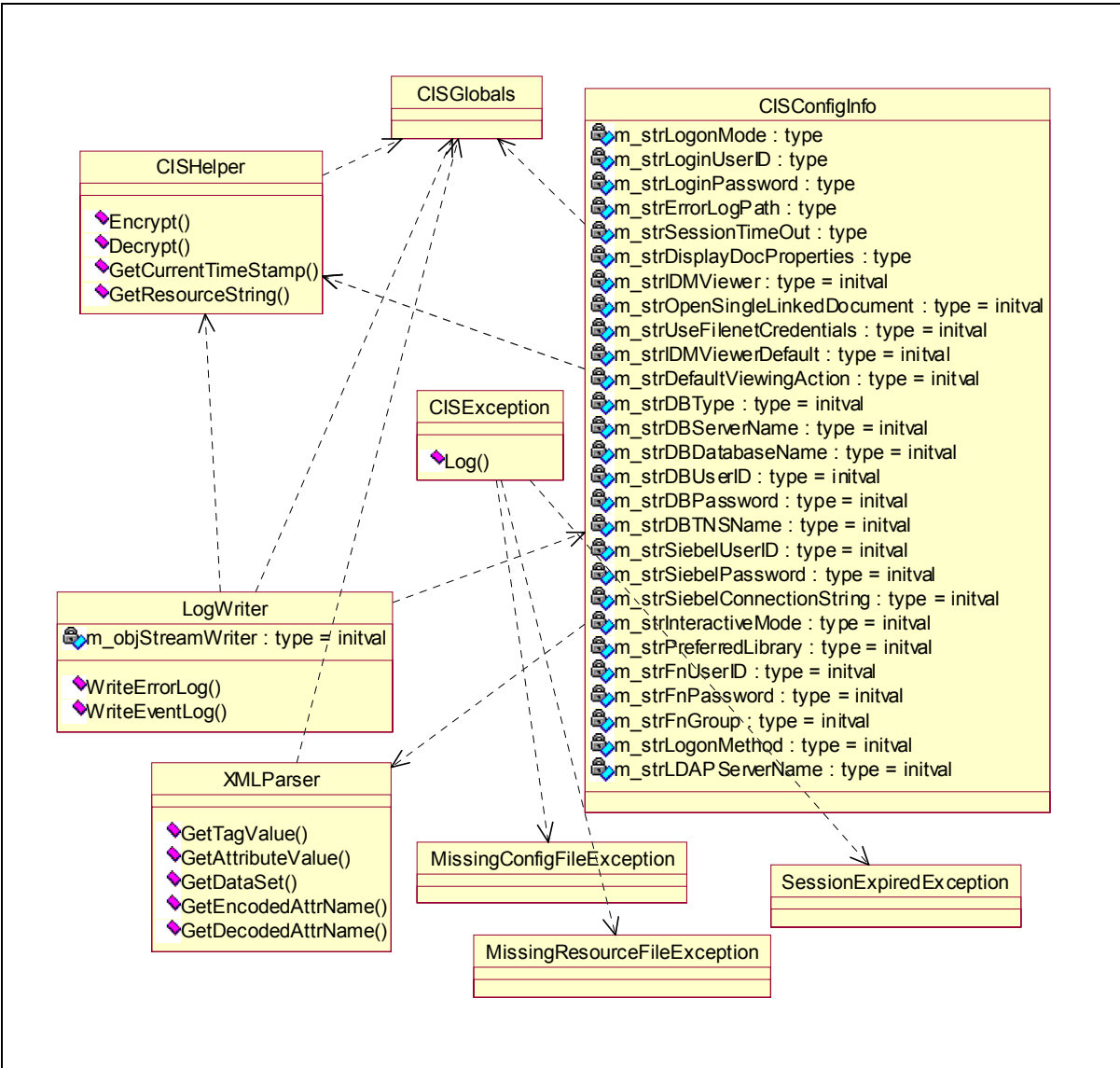
CISFnLibraryAccess Structure



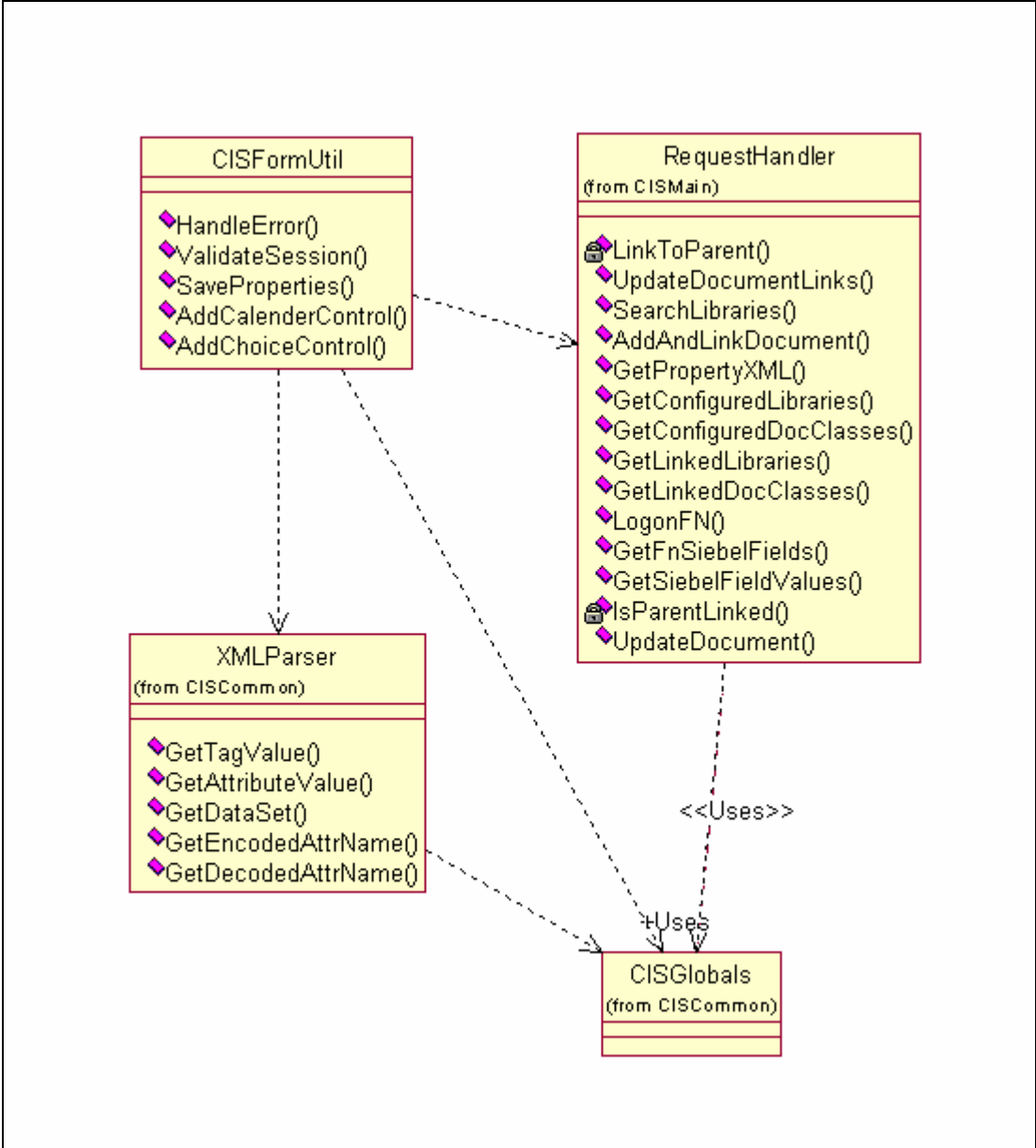
CISSiebelAccess Structure



CISCommon Structure



CISFormUtil Structure



Using the RequestHandler Interface

This is the main class that contains the Business Logic of the functionality of ACS7. This chapter lists all the exposed functions of the *RequestHandler* class.

The functions are grouped into the following

- FileNet Related Interactions: Functions used for interaction with FileNet Libraries.
- Siebel Related Interactions: Functions used for interaction with Siebel.
- Database Related Interactions: Functions used for interaction with ACS7 database.
- Mixed Interactions: Functions used for interaction with FileNet, Siebel and ACS7 database.
- Other Interactions: Functions used for navigation between ACS7 pages.

FileNet-Related Interactions

CanFnAddDoc

Syntax

```
Public Function CanFnAddDoc(ByVal a_strLibraryName As String) As Boolean
```

Description

This function checks whether documents can be added to the library that is passed as an input parameter.

Input parameters

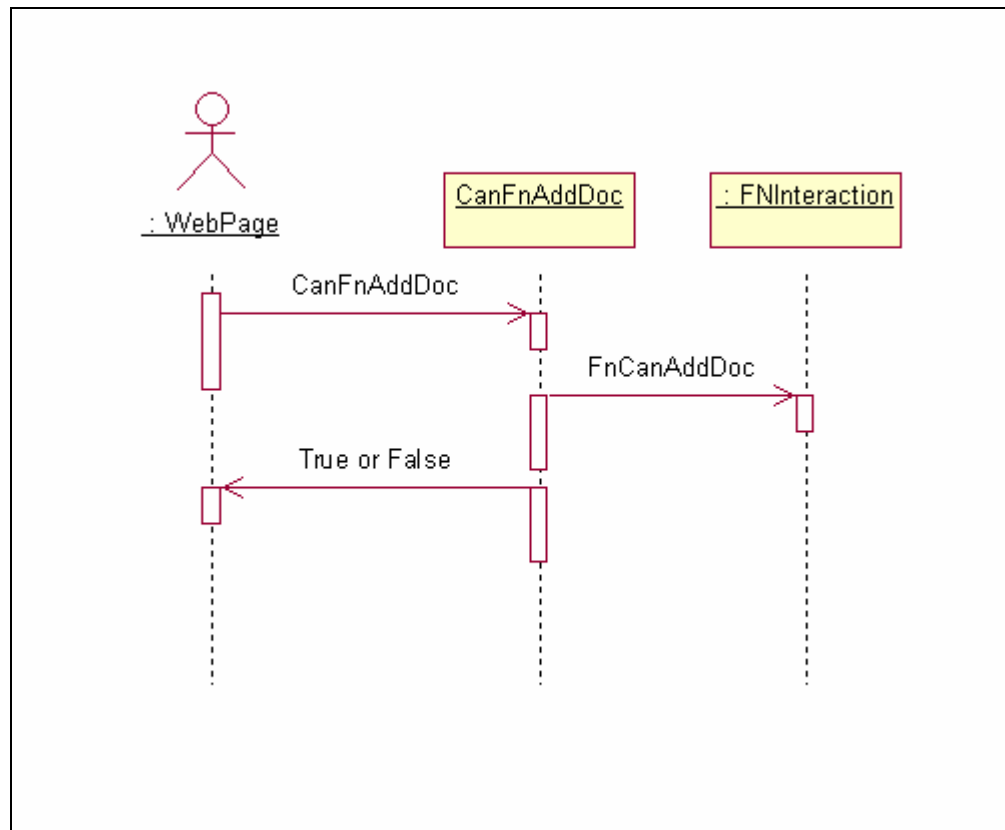
| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---------------------|
| 1 | a_strLibraryName | String | Name of the Library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Boolean | True – If the document can be added else False |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-----------------------------|--|
| 1 | InsufficientRightsException | When user does not have sufficient rights to add the document in the library that is passed as an input parameter. |

Process Flow**Remarks**

User must be logged onto the FileNet library.

Example

```

Dim l_blnCanAddDoc as Boolean
Dim l_strLibraryName as String =
  "DefaultIMS:IMGSERV:fileNet"
Dim l_objRequestHandler as New RequestHandler()
  
```



```

l_blnCanAddDoc =
l_objRequestHandler.CanFnAddDoc(l_strLibraryName)

```

LogonFN

Syntax

Public Function LogonFN(ByVal a_strLibraryName As String, ByVal a_strUserName As String, ByVal a_strPassword As String, ByVal a_strGroupName As String, Optional ByVal a_strPostLogonURL As String = "") As Boolean

Description

This method is used to logon into the FileNet Library using credentials that are passed as input parameters.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|--|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strUserName | String | User Name |
| 3 | a_strPassword | String | Password |
| 4 | a_strGroupName | String | Group Name |
| 5 | a_strPostLogonURL | String | URL of the page that is calling the function. Optional parameter. This parameter is used only when this function is called from Configure Linkrules table screen of ACS7 Database configuration. |

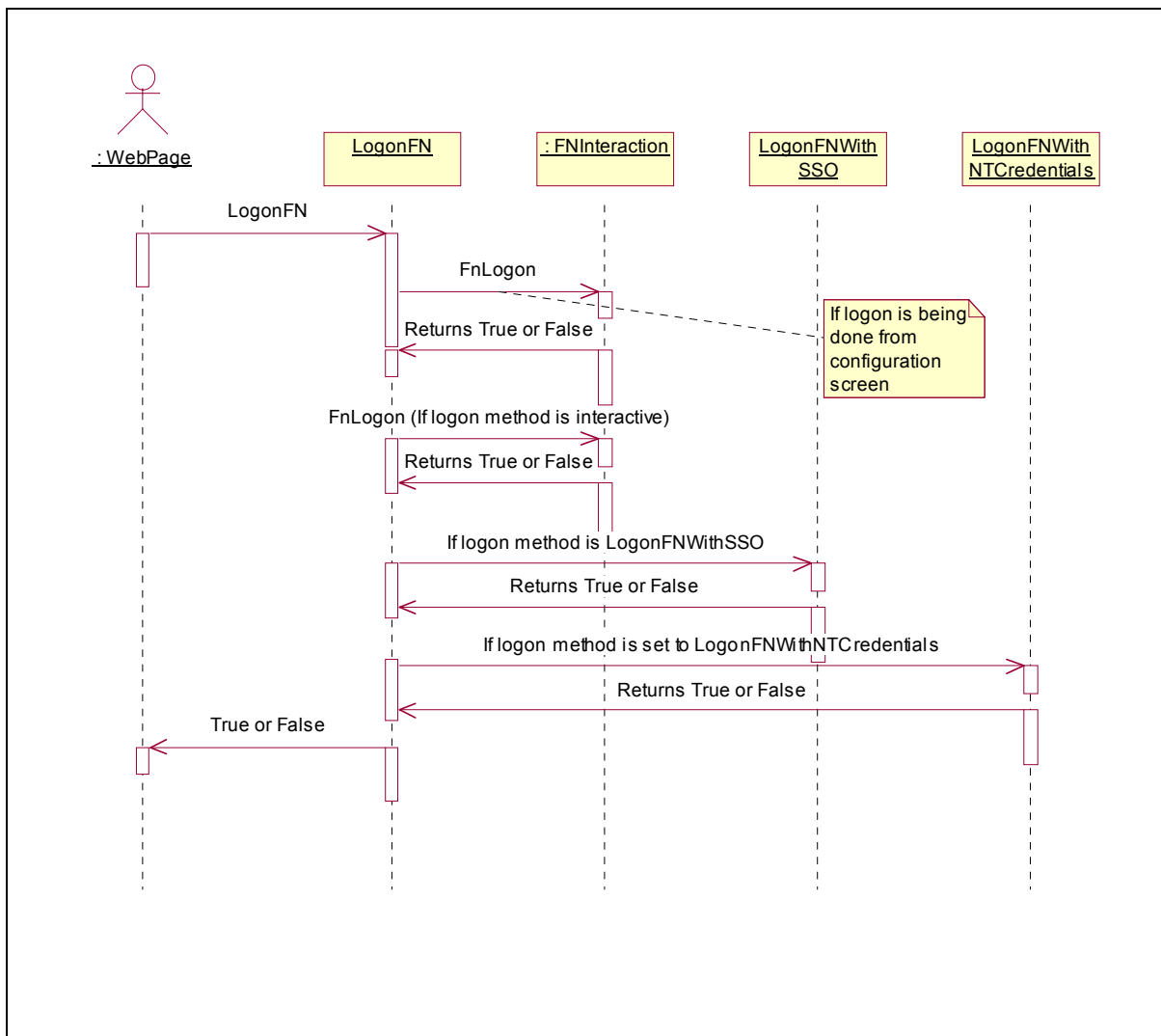
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the logon is successful else false |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------------|--|
| 1 | PasswordExpiredException | When the password of the user has expired and input library is set as preferred library in ACS7 configuration. |
| 2 | CISException | When some error occurs while logging in the FileNet library. |

Process Flow



Example

```

Dim l_blnIsLoggedIn as Boolean
Dim l_strUserName as String = "CISUser"
Dim l_strPassword as String = "CISUser"
Dim l_strGroupName as String = ""

Dim l_strLibraryName as String =
"DefaultIMS:IMGSERV:fileNet"
Dim l_objRequestHandler as New RequestHandler()
  
```

```

l_blnIsLoggedIn =
l_objRequestHandler.LogonFn(l_strLibraryName,
l_strUserName, l_strPassword, l_strGroupName)

```

DoesFnLogonExist

Syntax

Public Function DoesFnLogonExist(ByVal a_strLibraryName As String) As Boolean

Description

This method is used to check whether logon exist for the FileNet Library which is passed as input parameters.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |

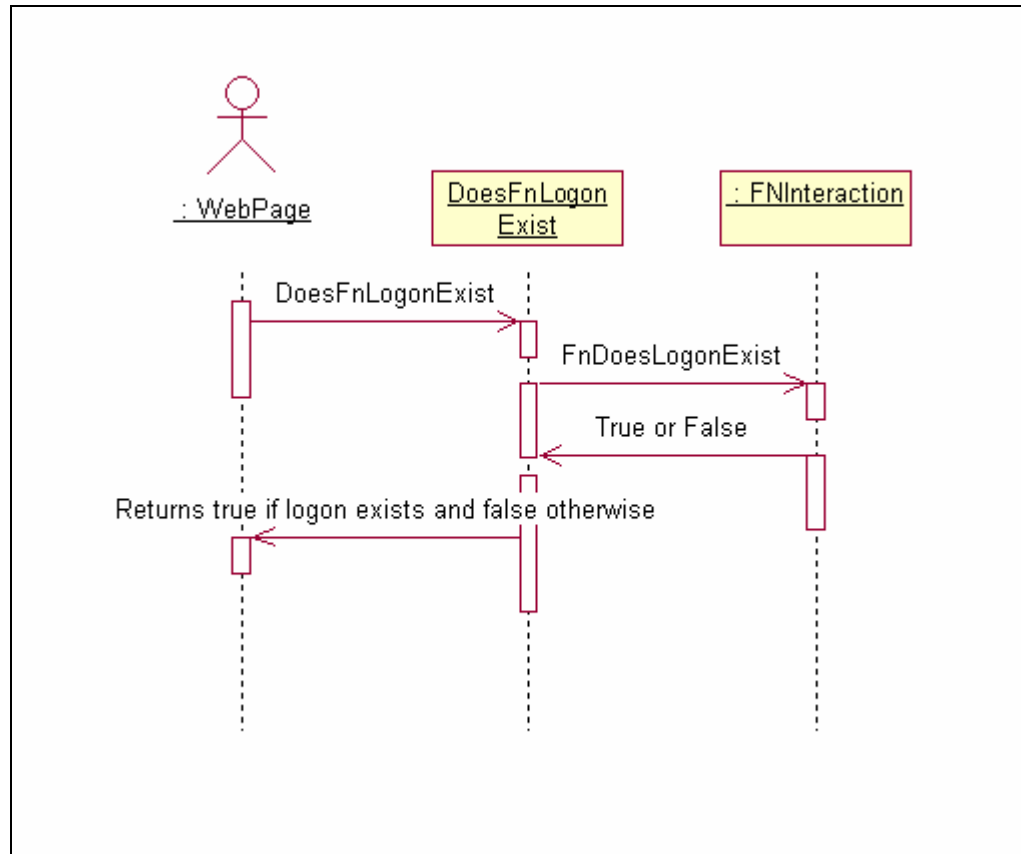
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--------------------------------|
| 1 | Boolean | True- if the logon exist false |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some error occurs in FileNet library. |

Process Flow



Example

```

Dim l_blnLogonExist as Boolean
Dim l_strLibraryName as String =
  "DefaultIMS:IMGSERV:fileNet"
Dim l_objRequestHandler as New RequestHandler()
l_blnLogonExist = l_objRequestHandler.DoesFnLogonExist
(l_strLibraryName)
  
```

LogOffAllLibraries

Syntax

```
Public Sub LogOffAllLibraries()
```

Description

This method is used to logoff from all the FileNet Libraries for which logon was made in the active session.

Input parameters

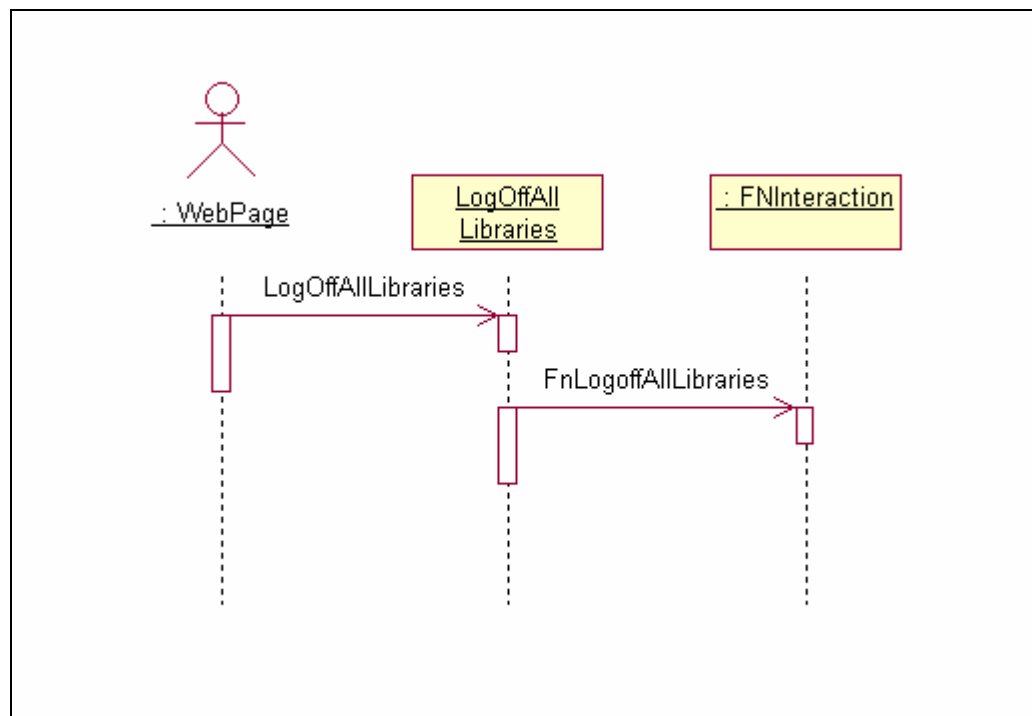
| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some error occurs in FileNet library. |

Process Flow**Example**

```

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.LogOffAllLibraries()
  
```

IsCSLibrary

Syntax

```
Public Function IsCSLibrary(ByVal a_strLibraryName As String) As Boolean
```

Description

This function checks whether the library that is passed as an input parameter is Content Services Library or not.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|------------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library. |

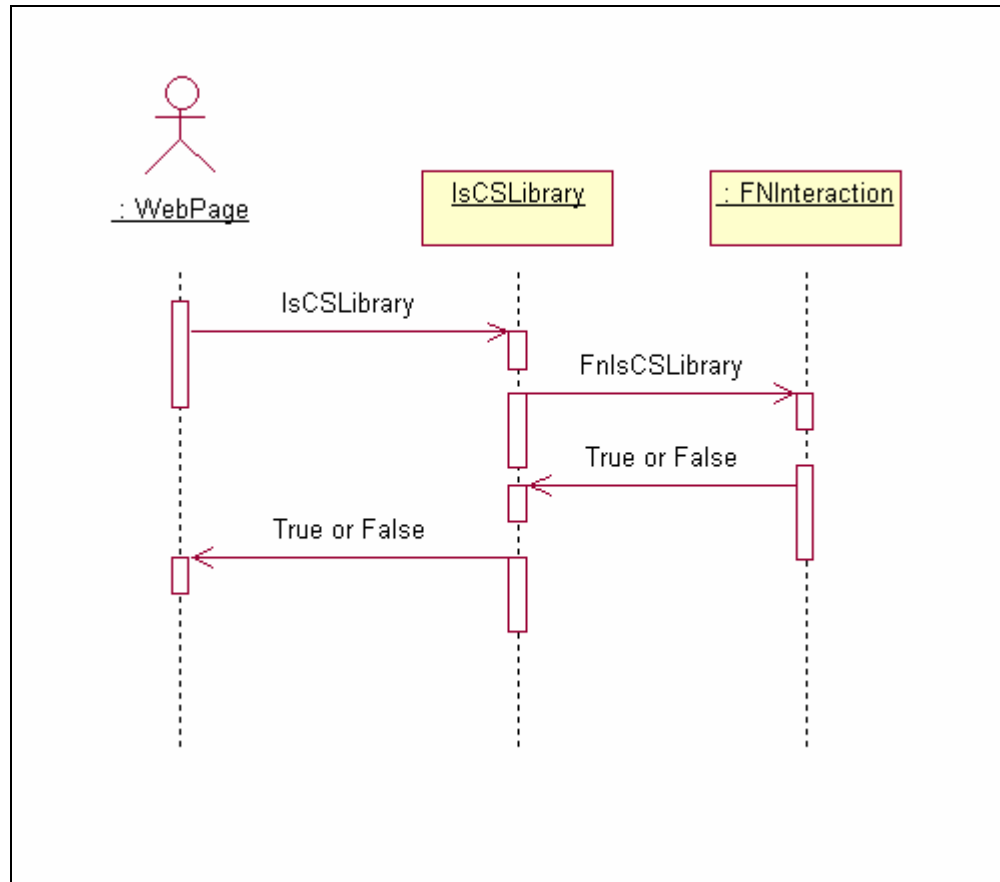
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the library is Content Services else false |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Process Flow



Example

```

Dim l_strLibraryName As String=
"DefaultIMS:IMGSERV:FileNet"
Dim l_blnIsCSLibrary As Boolean

Dim l_objRequestHandler as New RequestHandler()
l_blnIsCSLibrary
=l_objRequestHandler.IsCSLibrary(l_strLibraryName)
  
```

GetLibraries

Syntax

```
Public Function GetLibraries() As ArrayList
```

Description

This function gets the list of all configured libraries in the FileNet Neighborhood.

Input parameters

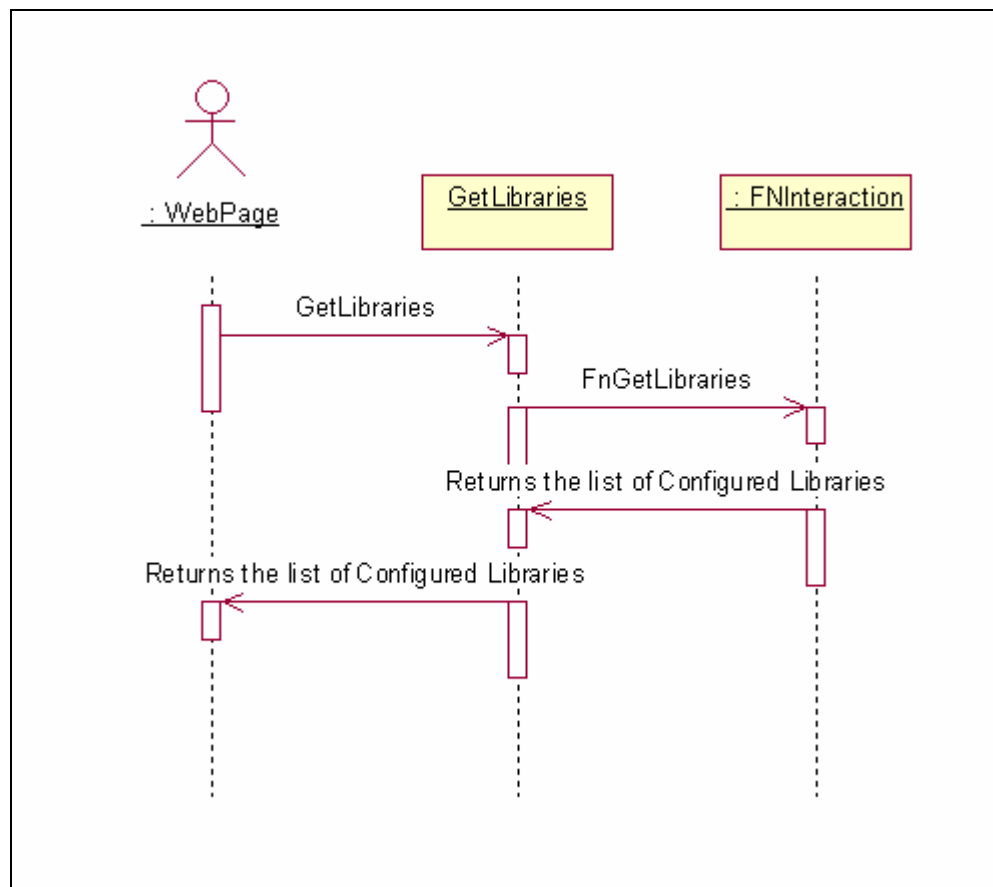
| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | ArrayList | Returns the list of Configured Libraries |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some occurs while fetching the libraries from FileNet neighborhood. |

Process Flow**Example**

```
Dim l_aryLibrariesList as ArrayList
```



```
Dim l_objRequestHandler as New RequestHandler()
l_aryLibrariesList =l_objRequestHandler.GetLibraries()
```

CheckoutDocument

Syntax

```
Public Sub CheckoutDocument(ByVal a_strLibraryName As String, ByVal a_strDocID As String)
```

Description

This function performs a checkout on the document, which is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--|
| 1 | a_strLibraryName | String | Name of the FileNet library. |
| 2 | a_strDocID | String | Document ID which has to be checked out. |

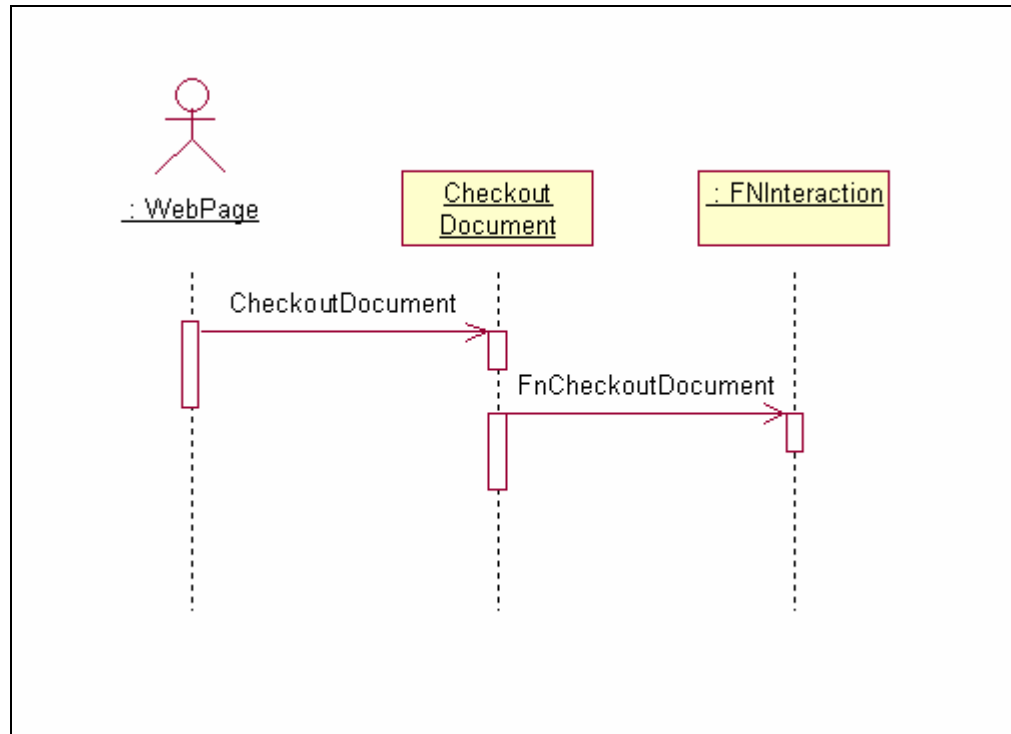
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs while checking out the document. |

Process Flow



Example

```

Dim l_strLibraryName As String= "csdb^FileNet"
Dim l_strDocID As String= "100001"

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.CheckOutDocument(l_strLibraryName,l_s
trDocID)
  
```

CopyLocalDocument

Syntax

```

Public Sub CopyLocalDocument(ByVal a_strLibraryName As String, ByVal a_strDocID As
String)
  
```

Description

This function downloads the document, which is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
|--------|---------------|-----------|-------------|

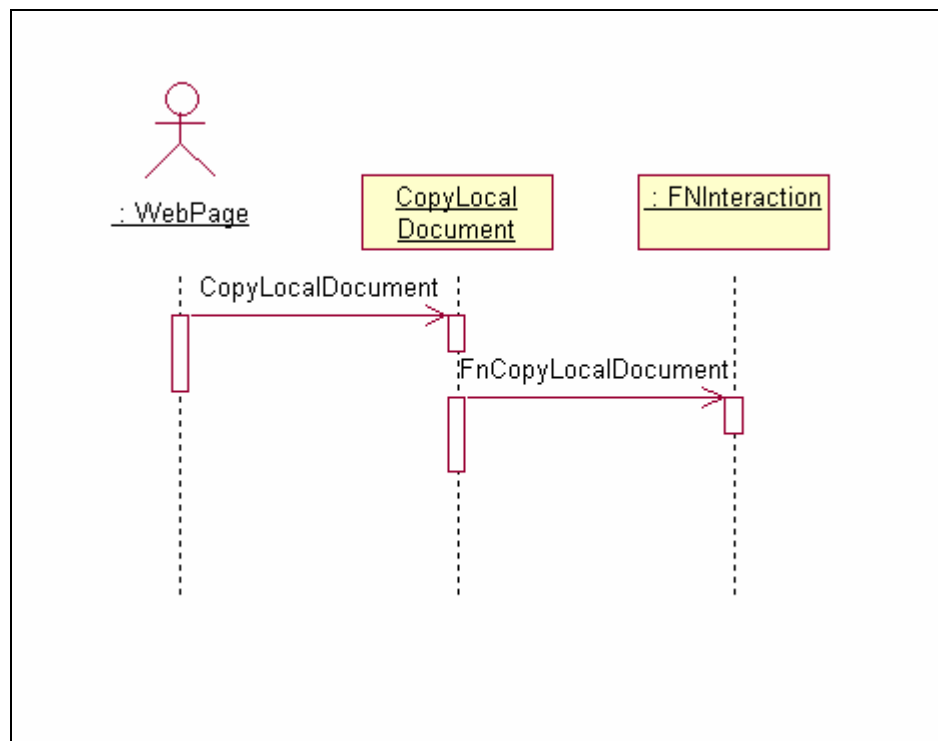
| | | | |
|---|------------------|--------|---|
| 1 | a_strLibraryName | String | Name of the FileNet library. |
| 2 | a_strDocID | String | Document ID which has to be downloaded. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some FileNet related error occurs while downloading the document. |

Process Flow**Example**

```

Dim l_strLibraryName As String= "csdb^FileNet"
Dim l_strDocID As String= "100001"
Dim l_objRequestHandler as New RequestHandler()
  
```

```
l_objRequestHandler. CopyLocalDocument  
(l_strLibraryName, l_strDocID)
```

CancelCheckoutDocument

Syntax

```
Public Sub CancelCheckoutDocument(ByVal a_strLibraryName As String, ByVal a_strDocID As String)
```

Description

This function cancels the checkout of the document, which is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strLibraryName | String | Name of the FileNet library. |
| 2 | a_strDocID | String | Document ID whose checkout has to be cancelled. |

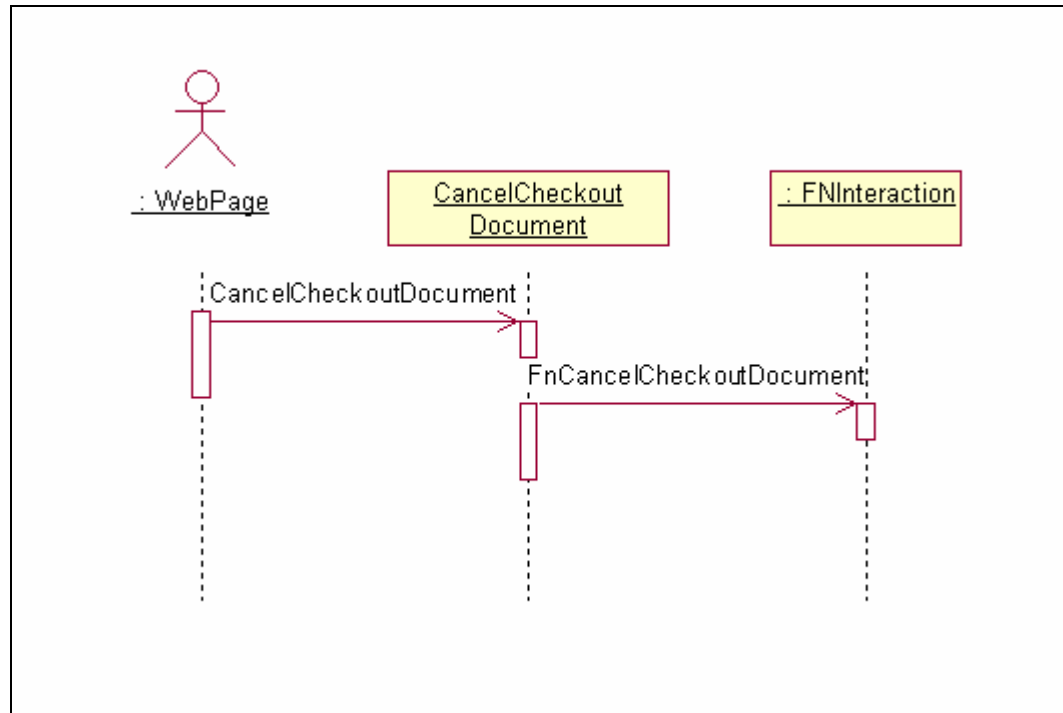
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some FileNet related error occurs while canceling the checkout of the document. |

Process Flow



Example

```

Dim l_strLibraryName As String=
  "DefaultIMS:IMGSERV:FileNet"
Dim l_strDocID As String= "100001"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.CancelCheckoutDocument
(l_strLibraryName,l_strDocID)
  
```

CheckinDocument

Syntax

```

Public Shared Sub CheckinDocument(ByVal a_strDocID As String, ByVal
a_strLibraryName As String, ByVal a_strReturnURL As String)
  
```

Description

This function checks if the user has rights to check-In the document that is passed as an input parameter, and then navigates to *Check-In Document* screen.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strDocID | String | ID of the document which has to be checked in. |
| 2 | a_strLibraryName | String | Name of the FileNet library. |
| 3 | a_strReturnURL | String | URL of the page that will be displayed when the user returns from the <i>Check-In document screen</i> . |

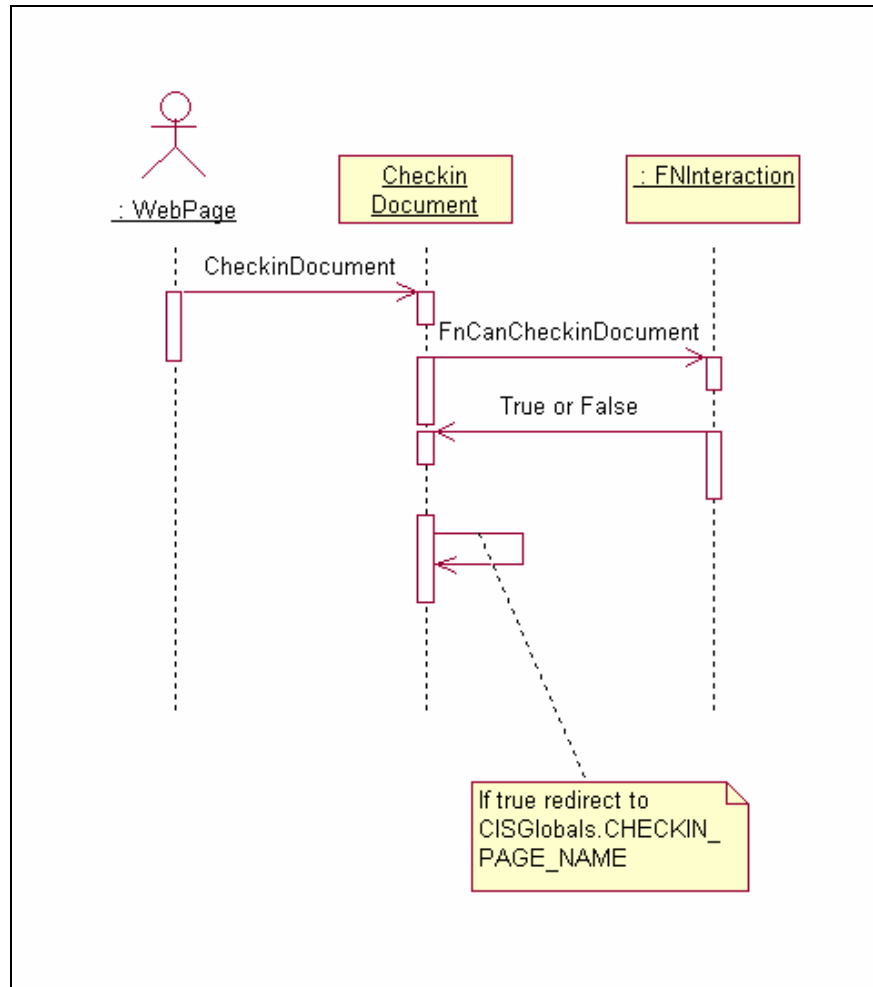
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some FileNet related error occurs while checking in the document. |

Process Flow



Example

```

Dim l_strLibraryName As String= "csdb^FileNet"
Dim l_strDocID As String= "100001"
Dim l_strReturnURL As String= "ViewLinkedDocs.aspx"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.CheckinDocument (l_strDocID,
l_strLibraryName, l_strReturnURL)
  
```

GetLibrariesLabel

Syntax

```
Public Function GetLibrariesLabel() As ArrayList
```

Description

This function gets the list of labels of all libraries configured in the FileNet Neighborhood.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| | None | | |

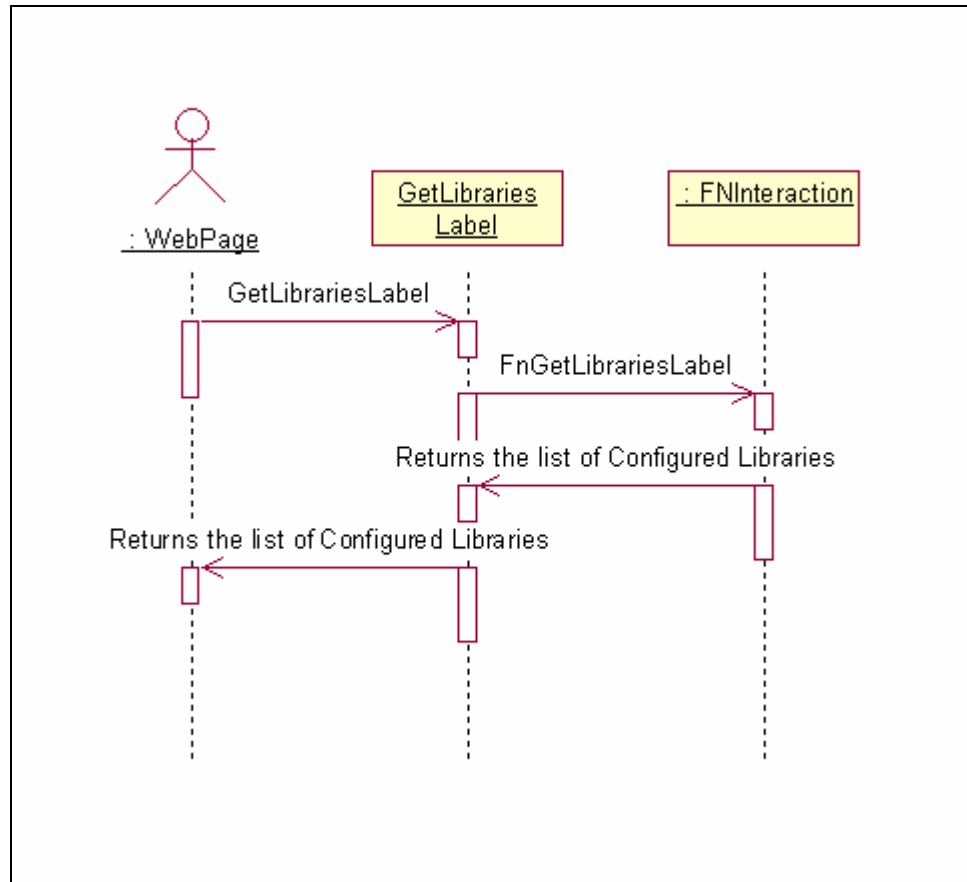
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | ArrayList | Returns the list of labels of all the libraries configured in FileNet neighborhood. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When some occurs while fetching the labels of the libraries from FileNet neighborhood. |

Process Flow



Example

```

Dim l_aryLibrariesLabelsList as ArrayList
Dim l_objRequestHandler as New RequestHandler()
l_aryLibrariesLabelsList
=l_objRequestHandler.GetLibrariesLabel()
  
```

GetIndexPropertyList

Syntax

```

Public Function GetIndexPropertyList(ByVal a_strDocClassName As String, ByVal
a_strLibraryName As String, ByVal a_blnFetchLabels As Boolean) As ArrayList
  
```

Description

This function gets the list of all Index Field Names/Labels for the input Document Class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|---|
| 1 | a_strDocClassName | String | Name of the Document Class |
| 2 | a_strLibraryName | String | Name of the FileNet library |
| 3 | a_blnFetchLabels | Boolean | If True, Index Labels are fetched else Index Names are fetched. |

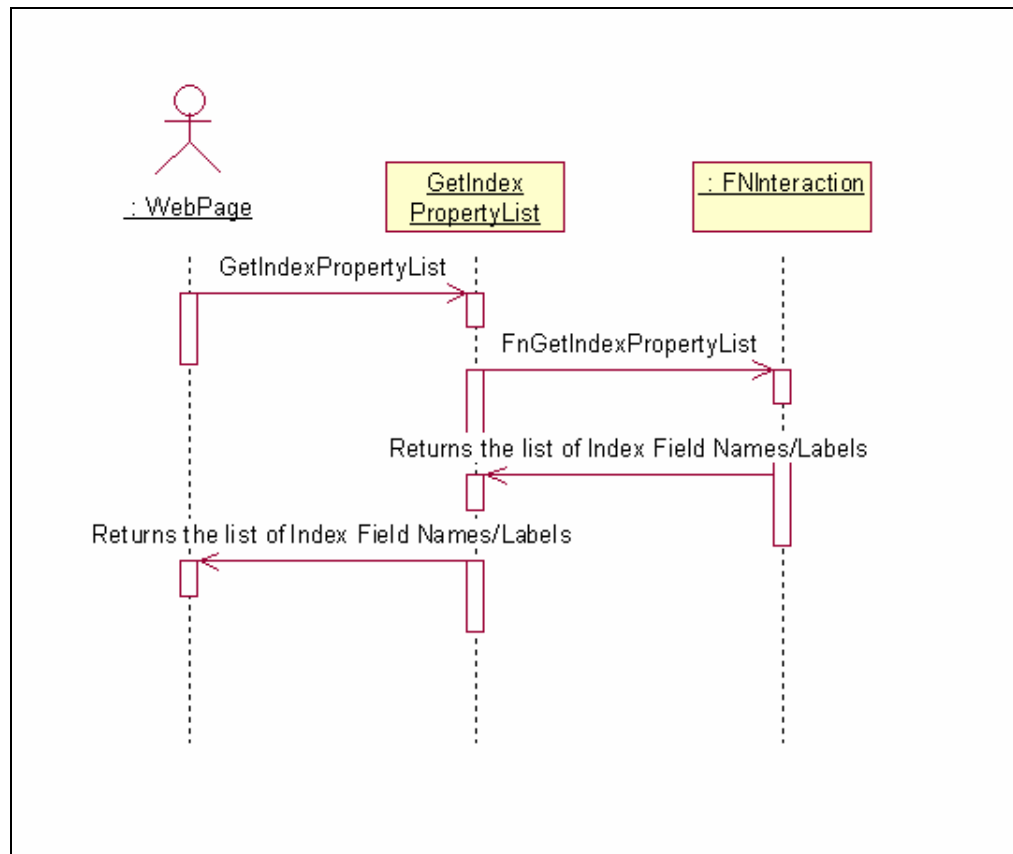
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | ArrayList | Returns the list of Index Field Names/Labels for the document class that is passed as an input parameter. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Process Flow



Example

```

Dim l_strDocClassName As String= "Account"
Dim l_strLibrary As String= "DefaultIMS:IMGSERV:FileNet"
Dim l_aryIndexLabelsList As ArrayList
Dim l_objRequestHandler as New RequestHandler()
l_aryIndexLabelsList = l_objRequestHandler.
GetIndexPropertyList (l_strDocClassName , l_strLibrary
, True)

```

GetFnDocClasses**Syntax**

```
Public Function GetFnDocClasses (ByVal a_strLibraryName As String) As ArrayList
```

Description

This function gets the list of all Document Classes for the library, which is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |

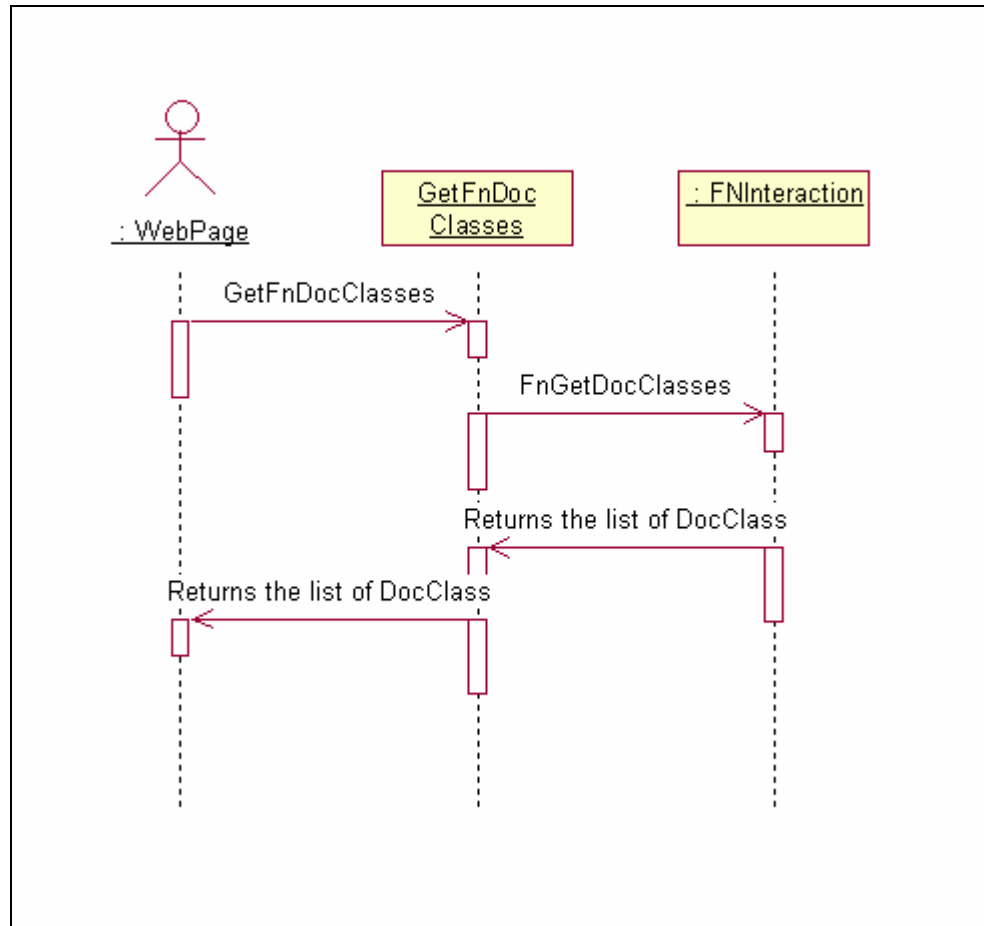
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | ArrayList | Returns the list of document classes for the library that is passed as an input parameter. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Process Flow



Example

```

Dim l_strLibrary As String= "DefaultIMS:IMGSERV:FileNet"
Dim l_aryDocClassList As ArrayList

Dim l_objRequestHandler as New RequestHandler()
l_aryDocClassList = l_objRequestHandler.GetFnDocClasses
(l_strLibrary)
  
```

CanUserModify

Syntax

```

Public Function CanUserModify (ByVal a_strDocID As String, ByVal a_strLibraryName As
String) As Boolean
  
```

Description

This function is used to detect whether the user has rights to modify the properties of the document that is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document. |
| 2 | a_strLibraryName | String | Name of the FileNet library |

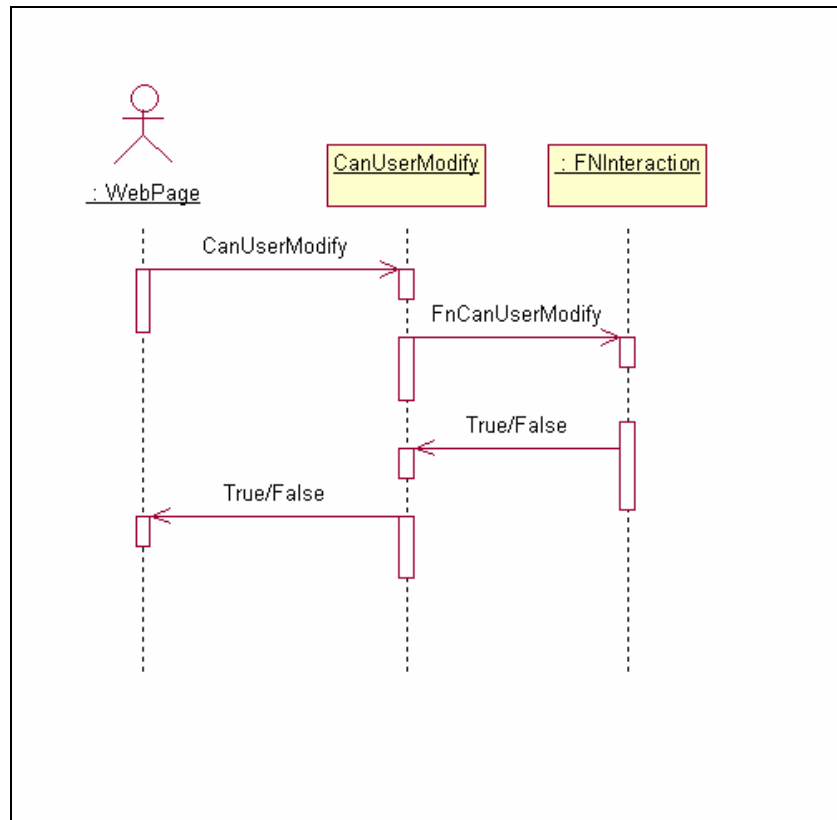
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Boolean | True- if user can modify the properties of the document else False |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Process Flow



Example

```

Dim l_strDocID as String = "100001"
Dim l_strLibraryName as String =
"DefaultIMS:IMGSERV:FileNet"
Dim l_blnCanUserModify as Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnCanUserModify =
l_objRequestHandler.CanUserModify(l_strDocID,l_strLibrary
Name)

```

GetVersionsXML**Syntax**

```

Public Function GetVersionsXML(ByVal a_strDocID As String, ByVal a_strDocClass As
String, ByVal a_strLibraryName As String) As String

```

Description

This function is used to get Document Versions in a XML string for the document ID that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClass | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | Returns Document Versions in a XML string for the document ID that is passed as an input parameter to the function having structure as <NewDataSet> <Table1> <_x0020_></_x0020_> <Name>003695856</Name> <Version>1</Version> <Availability>Online</Availability> |

| | |
|--|---|
| | <pre> <Reclaim_x0020_Pending /> <Checked_x0020_In_x0020_By>Admin</Checked_x0020_In_x0020_By> <Checkin_x0020_Date>2/7/2003 3:26:13 PM</Checkin_x0020_Date> <Indexed>Not Indexed</Indexed> <Permanent>No</Permanent> <Property>&lt;Ahref='/OpenClient/FnPropertyPage.aspx? Library=csdb^fn-test&amp;Id=003695856:1&amp;ObjType=2&amp; Op=Property&amp;ReturnURL=%2fOpenClient%2fFnVersionPage.aspx %3fSaveState%3d1%26Op%3dBrowse%26Id%3d003695856%3a1'&gt; &lt;img border=0 src='/OpenClient/images/prop.gif' alt='Property' &gt;&lt;/img&gt;&lt;/A&gt; </Property> <JavaViewRenderable>FALSE</JavaViewRenderable> </Table1> </NewDataSet>" </pre> |
|--|---|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

Dim l_strDocID as String = "100001"
Dim l_strDocClass as String = "Account"
Dim l_strLibraryName as String = "csdb^FileNet"
Dim l_strDocVersionsXML as String
Dim l_objRequestHandler as New RequestHandler()
l_strDocVersionsXML = l_objRequestHandler.GetVersionsXML
(l_strDocID, l_strDocClass, l_strLibraryName)

```

ShowVersions

Syntax

```

Public Shared Sub ShowVersions(ByVal a_strDocClass As String, ByVal a_strDocID As
String, ByVal a_strLibraryName As String, ByVal a_strReturnURL As String)

```

Description

This function validates the Document ID that is passed as an input parameter and then navigates to the Versions page.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--|
| 1 | a_strDocClass | String | Name of the document class |
| 2 | a_strDocID | String | ID of the document |
| 3 | a_strLibraryName | String | Name of the FileNet library |
| 4 | a_strReturnURL | String | URL of the page that will be displayed after returning from the Versions page. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```
Dim l_strDocID as String = "100001"
Dim l_strDocClass as String = "Account"
Dim l_strLibraryName as String = "csdb^FileNet"
Dim l_strReturnURL as String = "ViewLinkedDocs.aspx"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.ShowVersions(l_strDocClass,
l_strDocID, l_strLibraryName, l_strReturnURL)
```

CheckInDocument

Syntax

```
Public Sub CheckInDocument(ByVal a_strXML As String)
```

Description

This function is used for Checking-In the document that is present in the XML string passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string having structure as "<CIS LIBRARYNAME="csdb^fn-test" DOCCLASSNAME="Service" FILENAME="vssver.scc" FolderPath="C:\WINNT\TEMP" DOCID="003695856" INDEXCONTENT="FALSE"> <DOCINDICES FIELDNAME="idmDocCustom12" FIELDVALUE="1-1201" FIELDLABEL="SRNumber" /> <DOCINDICES FIELDNAME="idmDocCustom4" FIELDVALUE="WalMart Inc." FIELDLABEL="Account" /> <DOCINDICES FIELDNAME="idmDocCustom19" FIELDVALUE="3/27/2003 18:42:29 PM" FIELDLABEL="ClosedDate" /> </CIS>" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

`Create an XML string as shown above. Store it in a
string variable l_strCheckInXML

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.CheckInDocument(l_strCheckInXML)

```

GetCustomProperties**Syntax**

```
Public Function GetCustomProperties(ByVal a_strDocID As String, ByVal
a_strDocClassName As String, ByVal a_strLibraryName As String) As String
```

Description

This function is used for fetching the custom properties of document ID that is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string of the custom properties of the document ID that is passed as an input parameter having structure as "<CIS> <PROPERTIES PropertyType="" FIELDNAME="Account" FIELDLABEL="Account" FIELDVALUE="HCL" VALUEREQUIRED="TRUE" /> <PROPERTIES PropertyType="" FIELDNAME="City" FIELDLABEL="City" FIELDVALUE="" VALUEREQUIRED="TRUE" /> <PROPERTIES PropertyType="PropertyTypeDate" FIELDNAME="DateOpened" FIELDLABEL="DateOpened" FIELDVALUE="3/26/2003" VALUEREQUIRED="FALSE" /> </CIS>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```
Dim l_strDocID as String = "100001"
Dim l_strDocClass as String = "Account"
Dim l_strLibraryName as String =
"DefaultIMS:IMGSERV:FileNet"
```

```

Dim l_strCustomPropsXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strCustomPropsXML =
l_objRequestHandler.GetCustomProperties
(l_strDocID,l_strDocClass, l_strLibraryName)

```

ValidateFnProps

Syntax

Public Function ValidateFnProps(ByVal a_strXML As String) As Boolean

Description

This function validates the FileNet properties that are present in the XML string passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | FileNet Property XML having structure as "<CIS LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" DOCCLASSNAME="Service" DOCID="402921"> <CIS> <DOCINDICES FIELDNAME="Account" FIELDVALUE="Test" FIELDLABEL="Account" /> <DOCINDICES FIELDNAME="City" FIELDVALUE="USA" FIELDLABEL="City" /> </CIS> </CIS>" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the FileNet properties are validated else False. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

`Create an XML string as shown above. Store it in a
string variable l_strValidateXML

Dim l_blnArePropsValidated as Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnArePropsValidated =
l_objRequestHandler.ValidateFnProperties(l_strValidateXML
)

```

UpdateFnProperties**Syntax**

```
Public Sub UpdateFnProperties(ByVal a_strXML As String)
```

Description

This function Updates the FileNet properties of the document that is present in the XML string passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string containing the Properties to be updated having structure as "<CIS LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" DOCCLASSNAME="Service" DOCID="402921" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```
`Create an XML string as shown above. Store it in a
string variable l_strUpdateFnPropertiesXML
```

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.UpdateFnProperties
(l_strUpdateFnPropertiesXML)
```

GetFnPropertyValue

Syntax

```
Public Function GetFnPropertyValue (ByVal a_strDocID As String, ByVal
a_strDocClassName As String, ByVal a_strLibraryName As String, ByVal a_strFieldName
As String) As String
```

Description

This function returns the value of the FileNet field name that is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|---|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of Document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |
| 4 | a_strFieldName | String | Name of the FileNet field whose value has to be fetched |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | Value of the FileNet field name that is passed as an input parameter. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```
Dim l_strDocID as String = "100003"
Dim l_strDocClass as String = "Account"
```

```

Dim l_strLibraryName as String =
"DefaultIMS:IMGSERV:FileNet"

Dim l_strFieldName as String = "Account"

Dim l_strFieldValue as String

Dim l_objRequestHandler as New RequestHandler()

l_strFieldValue =
l_objRequestHandler.GetFnPropertyValue(l_strDocID,l_strDo
cClass,l_strLibraryName,l_strFieldName)

```

FormSecurityXML

Syntax

Public Function FormSecurityXML(ByVal a_strDocID As String, ByVal a_strDocClassname As String, ByVal a_strLibraryName As String, ByVal a_strSecurityXML As String) As String

Description

This function is used to prepare the XML string to be passed to OpenClient to modify the security settings of the input Document ID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|--|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |
| 4 | a_strSecurityXML | String | Security XML string which contains the changes to be made in the security settings having structure as "<NewDataSet><Table1 ImgUserGroup="0" Name="adminuser" AccessLevel="Admin" DELETED="FALSE" RowOperation="Added" /></NewDataSet>" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string as required by UpdateDataSource function of OpenClient "<?xml version="1.0" encoding="utf-16"?> |

| | | |
|--|--|---|
| | | <pre> <security xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance"> <securityobject libraryid="csdb^fn-test" systemtype="idmms" objectid="003695856" objecttype="document" clientpermission="admin"> <permission id="Admin^1792" name="Admin" type="user" level="owner" /> <permission id="adminuser" name="adminuser" type="user" level="admin" updatetype="add" /> <permission id="adminuser" name="adminuser" type="user" level="admin" updatetype="add" /> </securityobject> </security>" </pre> |
|--|--|---|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

`Create an input security XML string; say
l_strSecurityXML, having structure as defined above

Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.FormSecurityXML(l_strDocID ,
l_strDocClass, l_strLibrary, l_strXML)

```

GetSecurityProps

Syntax

```

Public Function GetSecurityProps (ByVal a_strDocID As String, ByVal a_strDocClassname
As String, ByVal a_strLibraryName As String, Optional ByVal a_strSecurityXML As
String=Nothing) As String

```


Description

This function is used to fetch the security settings XML of the document that is passed as input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|---|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |
| 4 | a_strSecurityXML | String | Security XML string. Optional parameter |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string representation of security settings of the specified document having structure as "<NewDataSet> <Table1> <ImgUserGroup>0</ImgUserGroup> <Name>Admin</Name> <AccessLevel>Owner</AccessLevel> </Table1> <Table1> <ImgUserGroup>0</ImgUserGroup> <Name>adminuser</Name> <AccessLevel>Admin</AccessLevel> </Table1> </NewDataSet>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```
Dim l_strSecurityXML As String
Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
```

```

Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"

Dim l_objRequestHandler as New RequestHandler()
l_strSecurityXML =
l_objRequestHandler.GetSecurityProps(l_strDocID ,
l_strDocClass, l_strLibrary)

```

GetUserList

Syntax

```

Public Function GetUserList (ByVal a_strDocID As String, ByVal a_strDocClassname As
String, ByVal a_strLibraryName As String) As ArrayList

```

Description

This function is used to fetch the list of users available in FileNet library that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Arraylist | List of users available in FileNet library that is passed as an input parameter to the function |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

Dim l_aryUserList As ArrayList
Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"

```

```
Dim l_objRequestHandler as New RequestHandler()
l_aryUserList =
l_objRequestHandler.GetUserList(l_strDocID ,
l_strDocClass, l_strLibrary)
```

GetGroupList

Syntax

```
Public Function GetGroupList (ByVal a_strDocID As String, ByVal a_strDocClassname As String, ByVal a_strLibraryName As String) As ArrayList
```

Description

This function is used to fetch the list of groups available in FileNet library that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Arraylist | List of groups available in FileNet library that is passed as an input parameter to the function |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```
Dim l_aryGroupList As ArrayList
Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_objRequestHandler as New RequestHandler()
```

```

l_aryGroupList =
l_objRequestHandler.GetGroupList(l_strDocID ,
l_strDocClass, l_strLibrary)

```

GetAccessLevelList

Syntax

```

Public Function GetAccessLevelList (ByVal a_strDocID As String, ByVal
a_strDocClassname As String, ByVal a_strLibraryName As String) As ArrayList

```

Description

This function is used to fetch the list of access levels available in FileNet library that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | ArrayList | List of access levels available in FileNet library that is passed as an input parameter to the function |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

Dim l_aryAccessLevelList As ArrayList
Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_objRequestHandler as New RequestHandler()

```

```

l_aryAccessLevelList =
l_objRequestHandler.GetAccessLevelList(l_strDocID ,
l_strDocClass, l_strLibrary)

```

CanUserModify

Syntax

Public Function CanUserModify (ByVal a_strDocID As String, ByVal a_strDocClassname As String, ByVal a_strLibraryName As String) As Boolean

Description

This function is used to check whether the user has the rights to modify the security settings of the document ID that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the user can modify the security settings else False |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

Dim l_blnCanUserModify As Boolean
Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_objRequestHandler as New RequestHandler()

```

```

l_blnCanUserModify =
l_objRequestHandler.CanUserModify(l_strDocID ,
l_strDocClass, l_strLibrary)

```

GetFnGeneralProperties

Syntax

Public Shared Function GetFnGeneralProperties (ByVal a_strDocID As String, ByVal a_strDocClassname As String, ByVal a_strLibraryName As String) As String

Description

This function is used to get the general property XML of the Document ID that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | ID of the document |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string representing Grneral properties of the document ID that is passed as input parameter. XML structure is as follows: For CS "<CIS> <PROPERTIES FIELDNAME="ID" FIELDLABEL="PROPS_DOCID_CS_LABEL" FIELDVALUE="003695856" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Document Class" FIELDLABEL="PROPS_DOCCLASS_LABEL" FIELDVALUE="Service" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Library" FIELDLABEL="PROPS_LIBRARY_LABEL" FIELDVALUE="csdb^fn-test" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Type" FIELDLABEL="PROPS_TYPE_LABEL" FIELDVALUE="Microsoft SourceSafe Status" RenderAs="LABEL" /><PROPERTIES FIELDNAME="idmName" |

| | |
|--|---|
| | <pre> FIELDLABEL="GEN_PROPS_TITLE_LABEL" FIELDVALUE="003695856" RenderAs="TEXTBOX" /> <PROPERTIES FIELDNAME="Version" FIELDLABEL="GEN_PROPS_VERSION_LABEL" FIELDVALUE="2" RenderAs="LABEL" /><PROPERTIES FIELDNAME="Access" FIELDLABEL="GEN_PROPS_ACCESS_LABEL" FIELDVALUE="Admin" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Availability" FIELDLABEL="GEN_PROPS_AVAILABILITY_LABEL" FIELDVALUE="Online" RenderAs="CHECKBOX" /> <PROPERTIES FIELDNAME="Indexed" FIELDLABEL="GEN_PROPS_INDEXED_LABEL" FIELDVALUE="Not Indexed" RenderAs="CHECKBOX" /> <PROPERTIES FIELDNAME="Checkout User" FIELDLABEL="GEN_PROPS_CHECKOUTUSER_LABEL" FIELDVALUE="" RenderAs="LABEL" /><PROPERTIES FIELDNAME="Checkout Group" FIELDLABEL="GEN_PROPS_CHECKOUTGROUP_LABEL" FIELDVALUE="" RenderAs="LABEL" /><PROPERTIES FIELDNAME="Checkout Date" FIELDLABEL="GEN_PROPS_CHECKOUTON_LABEL" FIELDVALUE="" RenderAs="LABEL" /> </CIS> For IS "<CIS> <PROPERTIES FIELDNAME="Document Id" FIELDLABEL="PROPS_DOCID_IS_LABEL" FIELDVALUE="435752" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Document Class" FIELDLABEL="PROPS_DOCCLASS_LABEL" FIELDVALUE="Account" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Library" FIELDLABEL="PROPS_LIBRARY_LABEL" FIELDVALUE="DefaultIMS:IMGSERV:FileNET" RenderAs="LABEL" /><PROPERTIES FIELDNAME="Type" FIELDLABEL="PROPS_TYPE_LABEL" FIELDVALUE="Document" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Created" FIELDLABEL="GEN_PROPS_CREATED_LABEL" FIELDVALUE="3/27/2003" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Format" FIELDLABEL="GEN_PROPS_FORMAT_LABEL" FIELDVALUE="Other" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="Pages" FIELDLABEL="GEN_PROPS_PAGES_LABEL" FIELDVALUE="1" </pre> |
|--|---|

| | | |
|--|--|---|
| | | <pre> RenderAs="LABEL" /><PROPERTIES FIELDNAME="Archive or Delete Date" FIELDLABEL="GEN_PROPS_ARCHIVEORDELETEDATE_LABEL" FIELDVALUE="Unspecified Date" RenderAs="LABEL" /> <PROPERTIES FIELDNAME="F_RETENTBASE" FIELDLABEL="GEN_PROPS_ARCHIVALORDELETION_LABEL" FIELDVALUE="Uses Close Date; Document status is Active" RenderAs="DROPDOWNLIST" /><PROPERTIES FIELDNAME="F_RETENTDISP" FIELDLABEL="GEN_PROPS_DOCEXPIRATION_LABEL" FIELDVALUE="Delete" RenderAs="DROPDOWNLIST" /> <PROPERTIES FIELDNAME="F_RETENTOFFSET" FIELDLABEL="GEN_PROPS_ADDITIONALMONTHS_LABEL" FIELDVALUE="12" RenderAs="TEXTBOX" /> </CIS> </pre> |
|--|--|---|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some FileNet related error occurs. |

Example

```

Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strGeneralPropXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strGeneralPropXML =
l_objRequestHandler.GetFnGeneralProperties(l_strDocID ,
l_strDocClass,l_strLibrary )

```

AreFNLogonCredentialsValid

Syntax

```

Public Function AreFNLogonCredentialsValid(ByVal a_strLibraryName As String, ByVal
a_strUserName As String, ByVal a_strPassword As String, ByVal a_strGroupName As
String) As Boolean.

```

Description

This function is used to validate the FileNet credentials that are passed as input parameters to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strUserName | String | User Name |
| 3 | a_strPassword | String | Password |
| 4 | a_strGroupName | String | Name of the group. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the credentials are valid, else False. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strUserName As String = "SysAdmin"
Dim l_strPassword As String = "SysAdmin"
Dim l_strGroup As String = ""
Dim l_blnCredentialsValid As Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnCredentialsValid =
l_objRequestHandler.AreFNLogonCredentialsValid(l_strLibrary,
l_strUserName, l_strPassword, l_strGroup)
```

GetChoiceList**Syntax**

```
Public Function GetChoiceList (ByVal a_strLibraryName As String, ByVal
a_strDocClassName As String, ByVal a_strPropName As String) As ArrayList
```

Description

This function is used to fetch the available choices for the property name that is passed as input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strPropertyName | String | Name of the property |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | ArrayList | List of choice values for the property name that is passed as input parameter to the function. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_aryChoiceList as ArrayList
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strDocClassName As String = "Account"
Dim l_strPropertyName As String = "Account"
Dim l_objRequestHandler as New RequestHandler()
l_aryChoiceList = l_objRequestHandler.GetChoiceList
(l_strLibrary, l_strDocClass, l_strPropertyName)
```

IsPropertyType**Syntax**

```
Public Function IsPropertyType (ByVal a_strLibraryName As String, ByVal a_strPropName As String, ByVal a_strPropertyType As String, ByVal a_strDocClass As String, Optional ByVal a_strDocID As String = "") As Boolean.
```

Description

This function is used to check whether the property name that is passed to the function has the property type as a_strPropertyType that is also passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|--|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strPropertyName | String | Name of the property |
| 3 | a_strPropertyType | String | Type of the property |
| 4 | a_strDocID | String | ID of the document. Optional parameter |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Boolean | True- if the property name has the property type as a_strPropertyType, else False. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_blnIsPropertyType as Boolean
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strPropertyType As String =
CISGlobals.PROPERTYTYPE_EVL
Dim l_strPropertyName As String = "Account"
Dim l_objRequestHandler as New RequestHandler()
l_blnIsPropertyType = l_objRequestHandler.IsPropertyType
(l_strLibrary, l_strPropertyName , l_strPropertyType)
```

ChangeFnPassword**Syntax**

```
Public Function ChangeFnPassword (ByVal a_strLibraryName As String, ByVal
a_strNewPasswd As String, ByVal a_strOldPasswd As String ,ByVal a_strUserName As
String) As Boolean.
```

Description

This function is used to change the FileNet library's password for the input User Name.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strNewPasswd | String | New Password |
| 3 | a_strOldPasswd | String | Old Password |
| 4 | a_strUserName | String | User Name |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Boolean | True- if the password is changed successfully, else False. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strUserName As String = "SysAdmin"
Dim l_strNewPassword As String = "SysAdmin"
Dim l_strOldPassword As String = ""
Dim l_blnPasswordChanged As Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnPasswordChanged =
l_objRequestHandler.ChangeFnPassword(l_strLibrary,
l_strNewPassword, l_strOldPassword, l_strUserName)
```

GetFnPWDExpiration**Syntax**

```
Public Function GetFnPasswordExpiration (ByVal a_strLibraryName As String) As String
```

Description

This function is used to fetch the default password expiration date and time for the library that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string having structure as <ROOT EXPIRATIONDATE="29/03/2003" EXPIRATIONTIME="3:20:30 PM" INGRACEPERIOD="TRUE"> </ROOT> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strExpirationXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strExpirationXML =
l_objRequestHandler.GetFnPWDExpiration(l_strLibrary)
```

SearchStoredSearches**Syntax**

```
Public Function SearchStoredSearches(ByVal a_strXML As String) As String
```

Description

This method searches for the stored searches in the FileNet library for the XML string containing the properties of the stored searches.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the search criteria for searching in FileNet library having structure as "<ROOT><LIBRARY LIBRARYNAME="csdb^fn-test" |

| | | | |
|--|--|--|---|
| | | | LIBRARYID="1" CONTENT="" SEARCHOPERATOR="And" SEARCHFOR="Word"><SEARCH FIELDNAME="idmName" OPERATOR="="" FIELDVALUE="MySearch" /></LIBRARY></ROOT>" |
|--|--|--|---|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------------|
| 1 | String | Search result as XML string. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------------|---|
| 1 | NoSearchResultsFoundFnException | When there are no results for the search criteria |
| 2 | FnException | When some FileNet related error occurs. |

Example

```
Dim l_strXML As String = ""
'Declare a string variable to store the search criteria in the above mentioned format
Dim l_strSearchResult as string = ""
Dim l_objRequestHandler as New RequestHandler()
l_strSearchResult = l_objRequestHandler.SearchStoredSearches(l_strXML)
```

ExecuteStoredSearch**Syntax**

```
Public Sub ExecuteStoredSearch(ByVal a_strLibraryName As String, ByVal a_strItemID  
As String)
```

Description

This method is used to execute the specified stored search.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-------------------------|
| 1 | a_strLibraryName | String | Name of the Library |
| 2 | a_strItemID | String | ID of the stored search |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------------|---|
| 1 | NoSearchResultsFoundFnException | When there are no results for the search criteria |
| 3 | FnException | When some FileNet related error occurs. |

Example

```
Dim I_objRequestHandler as New RequestHandler()
I_objRequestHandler.ExecuteStoredSearch(I_strXML)
```

GetKeyConditionPropertyList**Syntax**

```
Public Function GetKeyConditionPropertyList(ByVal a_strLibraryName As String, ByVal a_blnFetchKeyConditions As Boolean) As ArrayList
```

Description

This method calls FnGetKeyConditionPropertyList method of FnInteraction class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------------|-----------|---|
| 1 | a_strLibraryName | String | Name of the library. |
| 2 | a_blnFetchKeyConditions | Boolean | If True – Key conditions will be fetched If False – Searchable properties will be fetched. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Arraylist | List of searchable properties or key condition properties. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_aryIndexNameList As ArrayList =
l_objRequestHandler.GetKeyConditionPropertyList(l_strLibraryName, False)
```

GetSSGeneralProperties**Syntax**

```
Public Function GetSSGeneralProperties(ByVal a_strItemID As String, ByVal
a_strLibraryName As String) As String
```

Description

This method is used to call FnGetSSGeneralProperties method of FnInteraction class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing general properties of the stored search template. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
```



```

Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strItemID As String = "100001"
Dim l_strXML as string = l_objRequestHandler.GetSSGeneralProperties(l_strItemID,
l_strLibraryName)

```

GetSSGroupList

Syntax

```

Public Function GetSSGroupList(ByVal a_strItemID As String, ByVal a_strLibraryName As
String) As ArrayList

```

Description

This function is used to fetch the list of available groups. This method calls FnGetSSGroupList method of FnInteraction class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------------------------|
| 1 | ArrayList | Arraylist of available groups |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```

Dim l_objRequestHandler as New RequestHandler()
Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strItemID As String = "100001"
Dim l_aryIndexNameList As ArrayList =
l_objRequestHandler.GetSSGroupList(l_strItemID, l_strLibraryName)

```

GetSSUserList

Syntax

```
Public Function GetSSUserList(ByVal a_strItemID As String, ByVal a_strLibraryName As String) As ArrayList
```

Description

This function is used to fetch the list of available users. This method calls FnGetSSUserList method of FnInteraction class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------------|
| 1 | ArrayList | Arraylist of available users |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strItemID As String = "100001"
Dim l_aryIndexNameList As ArrayList =
l_objRequestHandler.GetSSUserList(l_strItemID, l_strLibraryName)
```

GetSSAccessLevelList

Syntax

```
Public Function GetSSAccessLevelList(ByVal a_strItemID As String, ByVal a_strLibraryName As String) As ArrayList
```

Description

This function is used to fetch the list of available Access Levels. This method calls FnGetSSAccessLevelList method of FnInteraction class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--------------------------------------|
| 1 | ArrayList | Arraylist of available Access Levels |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
Dim I_aryIndexNameList As ArrayList =
I_objRequestHandler.GetSSAccessLevelList(I_strItemID, I_strLibraryName)
```

CanUserModifySSSecurity**Syntax**

```
Public Function CanUserModifySSSecurity(ByVal a_strItemID As String, ByVal a_strLibraryName As String) As Boolean
```

Description

This function is used to detect whether the user has rights to modify security settings.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True if the user has rights to modify security settings and false otherwise |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
Dim I_blnCanModifySSSecurity As Boolean =
I_objRequestHandler.CanUserModifySSSecurity(I_strItemID, I_strLibraryName)
```

GetSSSecurityProperties**Syntax**

```
Public Function GetSSSecurityProperties (ByVal a_strItemID As String, ByVal a_strLibraryName As String, Optional ByVal a_strSecurityXML As String = Nothing) As String
```

Description

This function is used to fetch the security properties of stored search template.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-----------------------------------|
| 1 | a_strItemID | String | ID of the stored search template. |

| | | | |
|---|------------------|--------|---|
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |
| 3 | a_strSecurityXML | String | XML string of existing Security settings. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing Security properties of the stored search template. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
Dim I_strSecurityXML As String = ""
Dim I_strPropertiesXML As String =
I_objRequestHandler.CanUserModifySSSecurity(I_strItemID, I_strLibraryName,
I_strSecurityXML)
```

SaveSSProperties**Syntax**

```
Public Sub SaveSSProperties(ByVal a_strItemID As String, ByVal a_strLibraryName As String)
```

Description

This function is used to save the properties of stored search template.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------------|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the |

| | | | |
|--|--|--|-----------------------------------|
| | | | stored search is stored template. |
|--|--|--|-----------------------------------|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
I_objRequestHandler.SaveSSProperties(I_strItemID, I_strLibraryName)
```

CanUserModifySS**Syntax**

```
Public Function CanUserModifySS(ByVal a_strItemID As String, ByVal a_strLibraryName As String, ByVal a_strPropName As String) As Boolean
```

Description

This function is used to check whether the user has rights to modify the Stored Search.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strItemID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |
| 3 | a_strPropName | String | The properties of the stored search passed as string |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
|--------|-----------|-------------|

| | | |
|---|---------|---|
| 1 | Boolean | True if the user has rights to modify stored search and false otherwise |
|---|---------|---|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
Dim I_strPropName as String = "Account"
Dim I_blnCanUserModifySS as Boolean =
I_objRequestHandler.CanUserModifySS(I_strItemID, I_strLibraryName,
I_strPropName)
```

GenSearchTemplateXML**Syntax**

```
Public Function GenSearchTemplateXML(ByVal a_strSSID As String, ByVal
a_strLibraryName As String) As String
```

Description

This function is used to call FnGetUIStoredSearchTemplateXML method of FnInteraction class and generate the simpler version of Stored search template XML that is returned by FnGetUIStoredSearchTemplateXML method.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strSSID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing information regarding stored search template. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strSSID As String = "100001"
Dim I_strXML as String = I_objRequestHandler. GenSearchTemplateXML (I_strSSID,
I_strLibraryName)
```

ExecuteStoredSearchTemplate**Syntax**

```
Public Function ExecuteStoredSearchTemplate(ByVal a_strSSID As String, ByVal
a_strlibraryName As String, ByVal a_strXML As String) As String
```

Description

This method is used to to call FnExecuteStoredSearchTemplate method of FnInteraction class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strSSID | String | ID of the stored search template. |
| 2 | a_strLibraryName | String | Name of the library where the stored search is stored template. |
| 3 | a_strXML | String | XML string containg the changed values of stored search template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing information regarding stored search template. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------------|---|
| 1 | NoSearchResultsFoundFnException | When there are no results for the search criteria |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strSSID As String = "100001"
Dim I_strXMLChangedValues As String = ""
Dim I_strXML as String = I_objRequestHandler.GenSearchTemplateXML (I_strSSID,
I_strLibraryName, I_strXMLChangedValues)
```

GetLibraryLabel**Syntax**

```
Public Function GetLibraryLabel(ByVal a_strLibraryName As String) As String
```

Description

This method is used to find Label of the Library if Library name is available.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strLibraryName | String | Name of the library where the stored search is stored template. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|----------------------|
| 1 | String | Label of the Library |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
```

```
Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strLibraryLabel as String =
l_objRequestHandler.GetLibraryLabel(l_strLibraryName)
```

GetFolderXML

Syntax

```
Public Function GetFolderXML(ByVal a_strItemName As String, Optional ByVal
a_strItemID As String = "") As String
```

Description

This method is used to get the folder information as an XML string.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strItemName | String | Name of the library or Folder |
| 2 | a_strItemID | String | ID of the library or folder. In case of Library it will always be blank. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing information about the folders present under the library or folder. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strItemName As String = ""
Dim l_strItemID As String = "100001"
Dim l_strXML as String =
l_objRequestHandler. GetFolderXML(l_strItemName, l_strItemID)
```

SendMail

Syntax

```
Public Sub SendMail(ByVal a_strXML As String)
```

Description

This method is used to call FnSendMail method of FnInteraction namespace that sends the document as a mail attachment.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | Stores an XML string that contains information about the Library, DocID, To Address, From address, CC address, BCC address, Mail Subject and Mail Body. This string is further passed to FnSendMail method. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strXML as String = ""
I_objRequestHandler. SendMail(I_strXML)
```

GetSuppressedDocClassXML

Syntax

```
Public Function GetSuppressedDocClassXML(ByVal a_nLibraryID As Integer, ByVal a_nBusCompID As Integer) As String
```

Description

This function is used to get linked documents in a XML string corresponding to a library.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-----------------------|
| 1 | a_nLibraryID | Integer | Library ID |
| 2 | a_nBusCompID | Integer | Business Component ID |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | An XML string containing linked documents. This XML will not contain the properties of the linked documents. The structure of the XML will be <ROOT><PROPERTIES DOCID="565230" DocumentZZZ05Class="Account" EntryZZZ05Date="5/22/2003" Pages="1" MIMEIMAGEURL="/OpenClient/Images/DocImages/siconfni.gif" CheckedOutURL="Images/spacer.gif" CanCheckOut="FALSE" CanCheckIn="FALSE" CanCancelCheckOut="FALSE" JavaViewRenderable="FALSE" CanModifyProperties="FALSE" /></ROOT> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When there are no records found in the DataBase for the corresponding Library and Business Component Ids. |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_nLibrary As Integer = 100001
Dim l_nBusCompID As Integer = 100002
Dim l_strXML As String =
l_objRequestHandler.GetSuppressedDocClassXML(a_nLibraryID, a_nBusCompID)
```

GetDocClassID

Syntax

```
Public Function GetDocClassID(ByVal a_strDocClassName As String, ByVal a_strLibraryName As String) As Integer
```

Description

This function is used to get the Document Class ID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|---------------------|
| 1 | a_strDocClassName | String | Document Class Name |
| 2 | a_strLibraryName | String | Library Name |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---------------------------------------|
| 1 | Integer | Returns the ID of the Document Class. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strDocClassName As String = "Account"
Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_nDocClassID As Integer =
l_objRequestHandler.GetDocClassID(l_strDocClassName, l_strLibraryName)
```

GetModulesInformation**Syntax**

```
Public Function GetModulesInformation() As String
```

Description

This function is used to get information of all the ACS7 Modules in an XML string format.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | An XML string containing the information of all the ACS7 modules. The structure of the XML will be <pre><ROOT><CIS MODULENAME="CISMain.dll" MODULEVERSION="3.1.2.0" BUILDDATE="5/30/2003 10:14:23 AM" MODULESIZE="53248" /><CIS MODULENAME="CISFnLibraryAccess.dll" MODULEVERSION="3.1.0.0" BUILDDATE="5/30/2003 10:14:22 AM" MODULESIZE="57344" /><CIS MODULENAME="CISDBAccess.dll" MODULEVERSION="3.2.0" BUILDDATE="5/30/2003 10:14:22 AM" MODULESIZE="61440" /><CIS MODULENAME="CISSiebelAccess.dll" MODULEVERSION="3.1.2.0" BUILDDATE="5/30/2003 10:14:23 AM" MODULESIZE="9216" /><CIS MODULENAME="CISCommon.dll" MODULEVERSION="3.1.0.0" BUILDDATE="5/30/2003 10:14:22 AM" MODULESIZE="61440" /></ROOT></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|------------------------------|
| 1 | CISException | When the module is not found |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strXML As String = I_objRequestHandler.GetModulesInformation()
```

GetFolderPath

Syntax

```
Public Function GetFolderPath(ByVal a_strLibraryName As String, ByVal a_strFolderID As String) As String
```

Description

This method returns the Path of the folder whose ID is passed.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--------------|
| 1 | a_strLibraryName | String | Library Name |
| 2 | a_strFolderID | String | Folder ID |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---------------------------------|
| 1 | String | Returns the path of the folder. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strFolderID As String = "100001"
Dim I_strPath As String = I_objRequestHandler.GetFolderPath(I_strLibraryName,
I_strFolderID)
```

Siebel-Related Interactions

LogOffSiebel

Syntax

```
Public Sub LogOffSiebel(ByVal a_objSession As
System.Web.SessionState.HttpSessionState, ByVal a_objApplication As
System.Web.HttpApplicationState).
```

Description

This method is used to logoff from the Siebel database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|--|----------------------------|
| 1 | a_objSession | System.Web.SessionState.HttpSessionState | Current active session |
| 2 | a_objApplication | System.Web.HttpApplicationState | Current active Application |

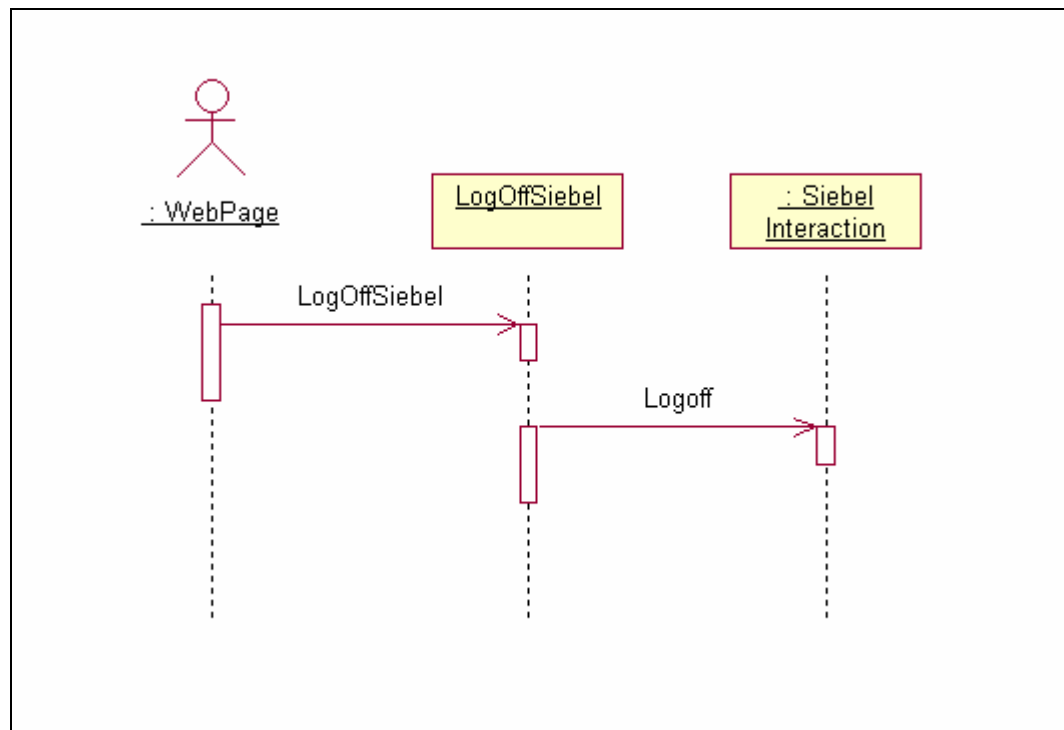
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | Certain errors are encountered while logging off from the Siebel database. |

Process Flow



Example

```

Dim l_objSession as
System.Web.SessionState.HttpSessionState =
Http.Current.Session

Dim l_objApplication as
System.Web.SessionState.HttpSessionState =
Http.Current.Application

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.LogoffSiebel(l_objSession,
l_objApplication)
  
```


GetSiebelFieldValue

Syntax

```
Public Function GetSiebelFieldValue(ByVal a_strBusObject As String, ByVal
a_strBusComp As String, ByVal a_strRowID As String, ByVal a_strFieldName As String)
As String
```

Description

This function returns the Field Value of the Field Name that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|----------------|-----------|---|
| 1 | a_strBusObject | String | Name of the Business Object |
| 2 | a_strBusComp | String | Name of the Business Component |
| 3 | a_strRowID | String | RowID of the Active record in Siebel |
| 4 | a_strFieldName | String | Name of the Field whose value has to be fetched |

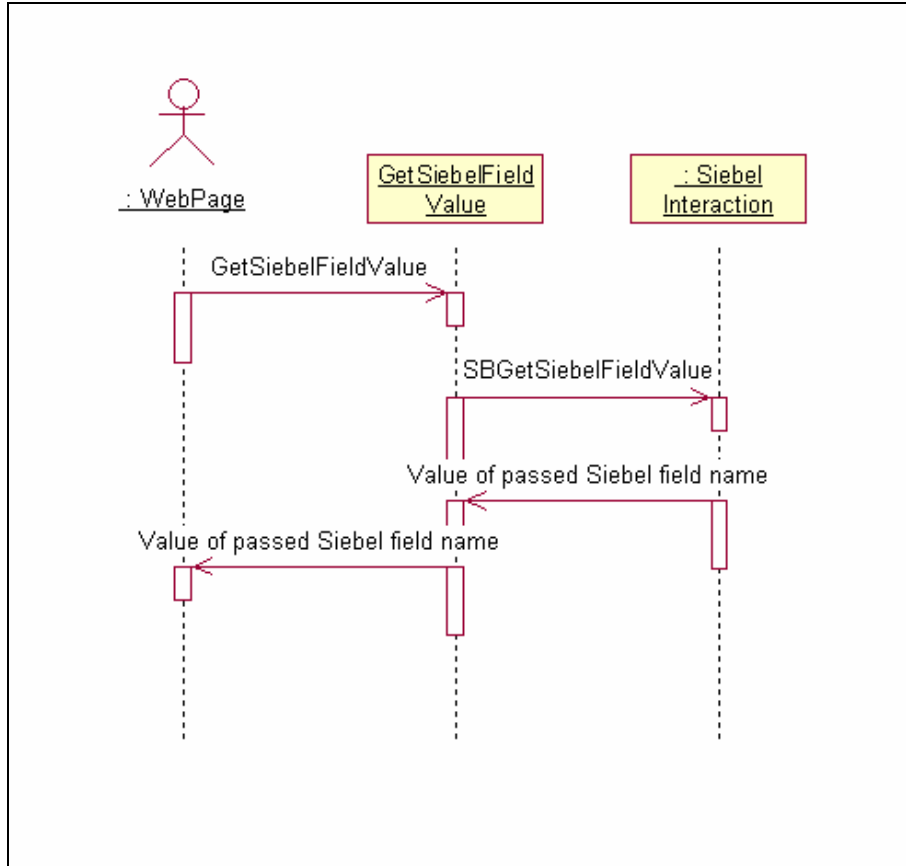
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------------------|
| 1 | String | Value of Field Name a_strFieldName |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | Certain errors are encountered while fetching the filed value from Siebel. |

Process Flow



Example

```

Dim l_strBusObject as String = "Account"
Dim l_strBusComp as String = "Account"
Dim l_strRowID as String = "1-4BK"
Dim l_strFieldName as String = "Name"
Dim l_strFieldValue as String
Dim l_objRequestHandler as New RequestHandler()
l_strFieldValue =l_objRequestHandler.GetSiebelFieldValue
(l_strBusObject, l_strBusComp,l_strRowID,l_strFieldName)
  
```

GetSiebelBusComps

Syntax

```
Public Function GetSiebelBusComps() As ArrayList
```

Description

This function gets the list of all Business Components from the Siebel Database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

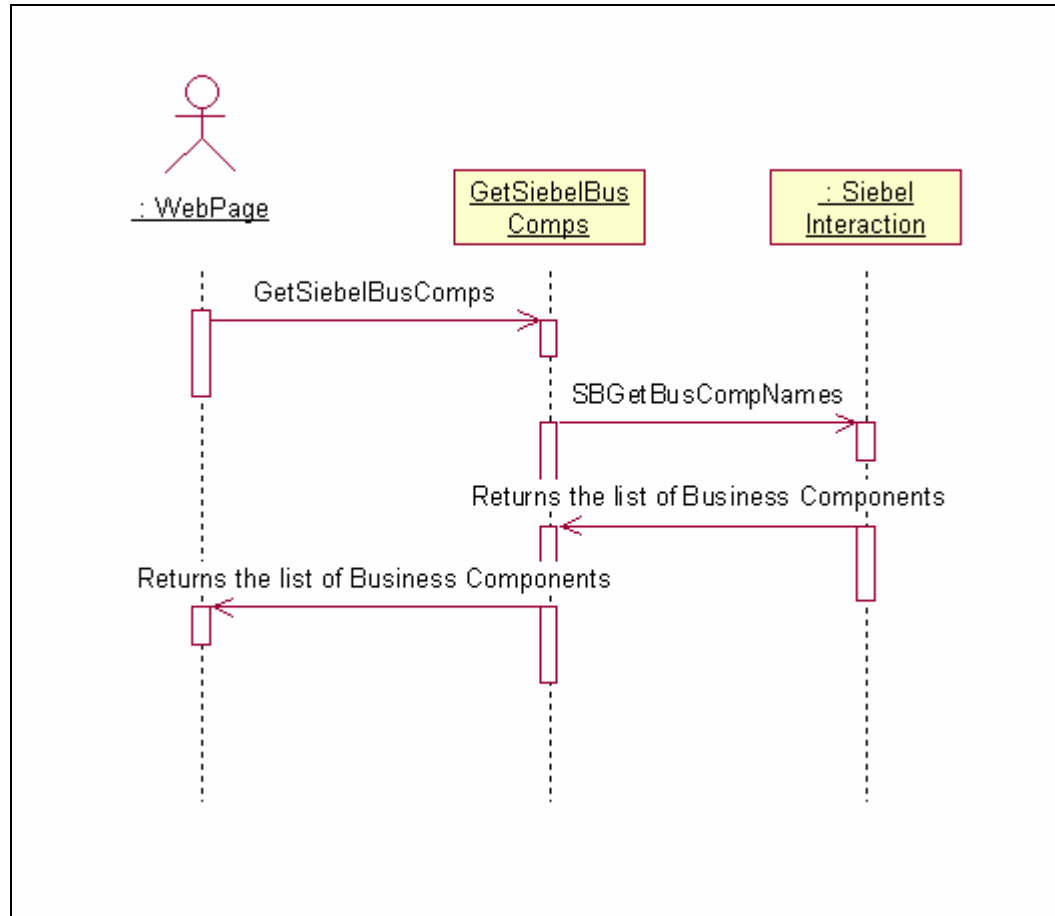
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | ArrayList | Returns the list of all Business Components from Siebel Database. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some Siebel related errors are encountered while fetching the business components. |

Process Flow



Example

```

Dim l_aryBusCompList As ArrayList
Dim l_objRequestHandler as New RequestHandler()
l_aryBusCompList =
l_objRequestHandler.GetSiebelBusComps()
  
```

GetSiebelFieldNames

Syntax

```
Public Function GetSiebelFieldNames(ByVal a_strBusComp As String) As ArrayList
```

Description

This function gets the list of all Siebel Field names for input Business Component

Input parameters

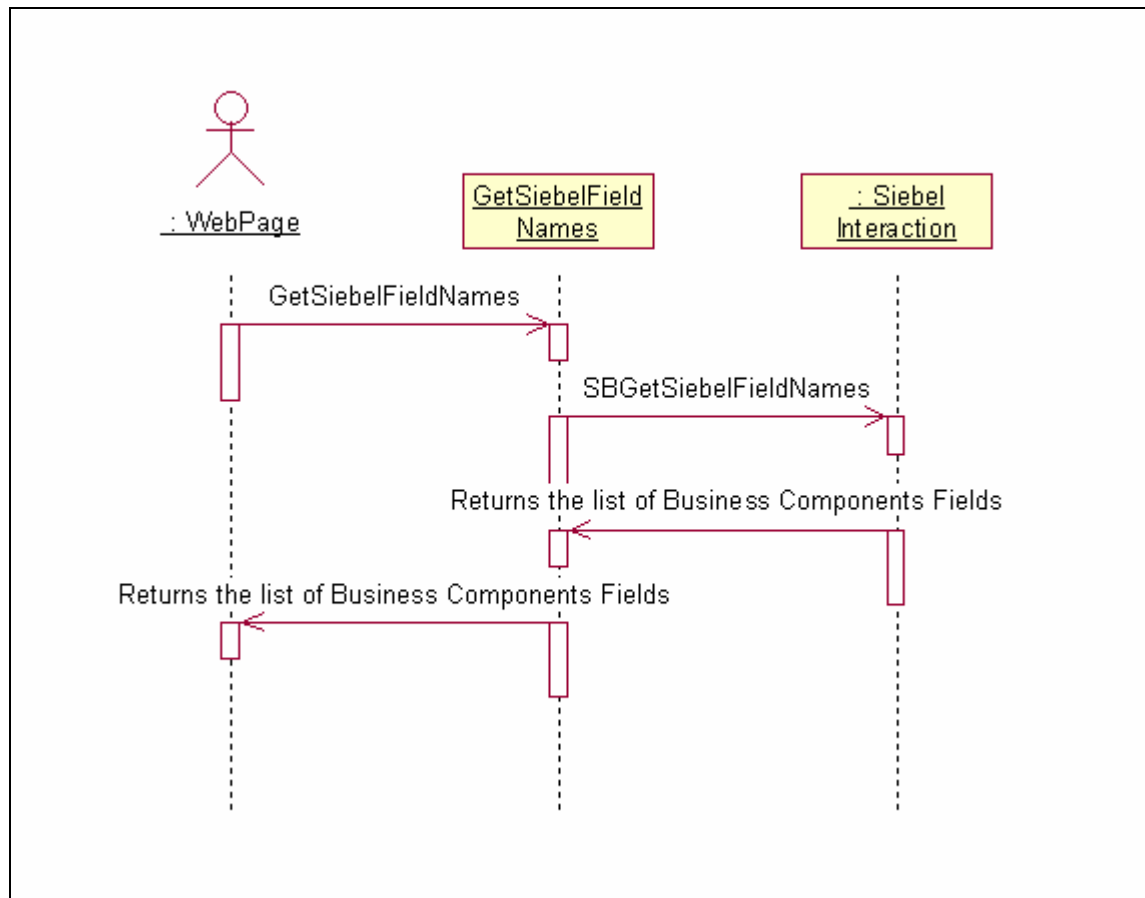
| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---------------------------------------|
| 1 | a_strBusComp | String | Name of the Siebel Business component |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | ArrayList | Returns the list of Business Components Fields for the business component that is passed as an input parameter. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain errors are encountered while accessing the Siebel database. |

Process Flow**Example**

```
Dim l_strBusComp As String= "Account"
```

```

Dim l_aryFieldNameList As ArrayList
Dim l_objRequestHandler as New RequestHandler()
l_aryFieldNameList =
l_objRequestHandler.GetSiebelFieldNames (l_strBusComp)

```

AreSBLogonCredentialsValid

Syntax

```

Public Function AreSBLogonCredentialsValid(ByVal a_strSiebelConnectionString As String, ByVal a_strSiebelUserName As String, ByVal a_strSiebelPassword As String) As Boolean

```

Description

This function is used to validate the Siebel credentials that are passed as input parameters to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-----------------------|-----------|--------------------------|
| 1 | a_strConnectionString | String | Siebel Connection string |
| 2 | a_strSiebelUserName | String | User Name |
| 3 | a_strSiebelPassword | String | Password |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the credentials are valid else False |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When some Siebel related error are encountered. |

Example

```

Dim l_strSiebelConnectionString As String =
"siebel.TCPIP.NONE.none://GATEWAYSERVERNAME:2320/ENTERPRISESERVERNAME/SCCObjMgr_enu/SIEBELSERVERNAME"
Dim l_strSiebelUserName As String = "SysAdmin"
Dim l_strSiebelPassword As String = "SysAdmin"
Dim l_blnCredentialsValid As Boolean

```

```

Dim l_objRequestHandler as New RequestHandler()
l_blnCredentialsValid =
l_objRequestHandler.AreSBLogonCredentialsValid(l_strSiebe
lConnectionString, l_strSiebelUserName,
l_strSiebelPassword)

```

Database-Related Interactions

DeleteAllLinks

Syntax

```
Public Sub DeleteAllLinks(ByVal a_strSiebelRowID As String)
```

Description

This function deletes the entries of input RowID from the FN_CIS_DOCLINKS table of the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--|
| 1 | a_strSiebelRowID | String | Siebel RowID corresponding to which all the links have to be deleted from the ACS7 database. |

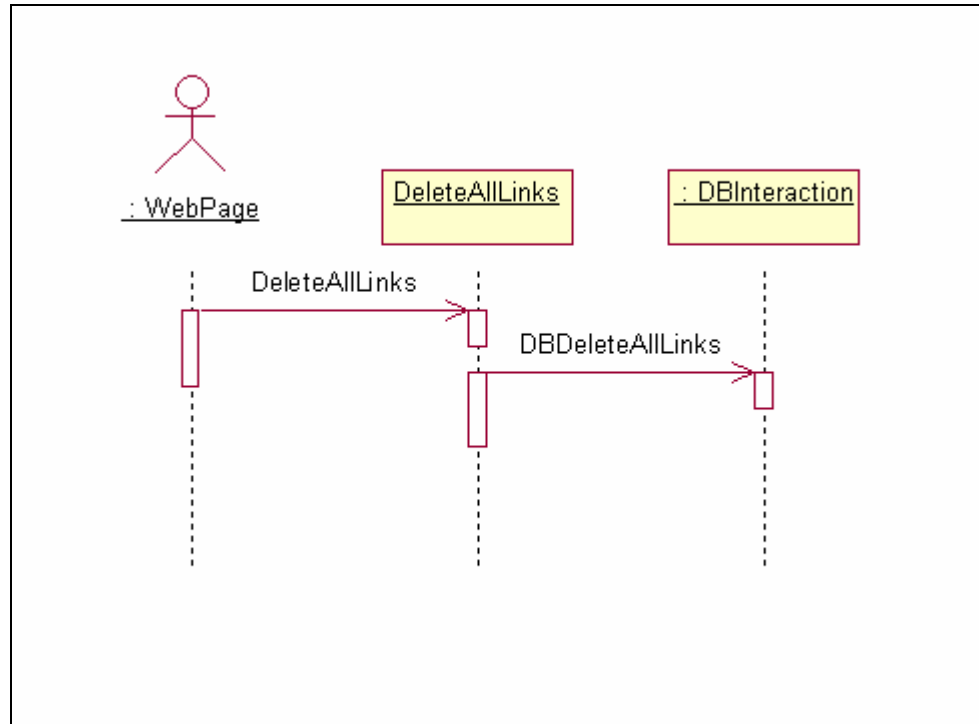
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain errors are encountered while deleting links from the ACS7 database. |

Process Flow

**Example**

```

Dim l_strSiebelRowID as String = "1-4BK"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.DeleteAllLinks(l_strSiebelRowID)
  
```

GetParentBusComp**Syntax**

```
Public Function GetParentBusComp(ByVal a_strBusComp As String) As String
```

Description

This function gets the value of Parent Business Component for the input Business Component.

Input parameters

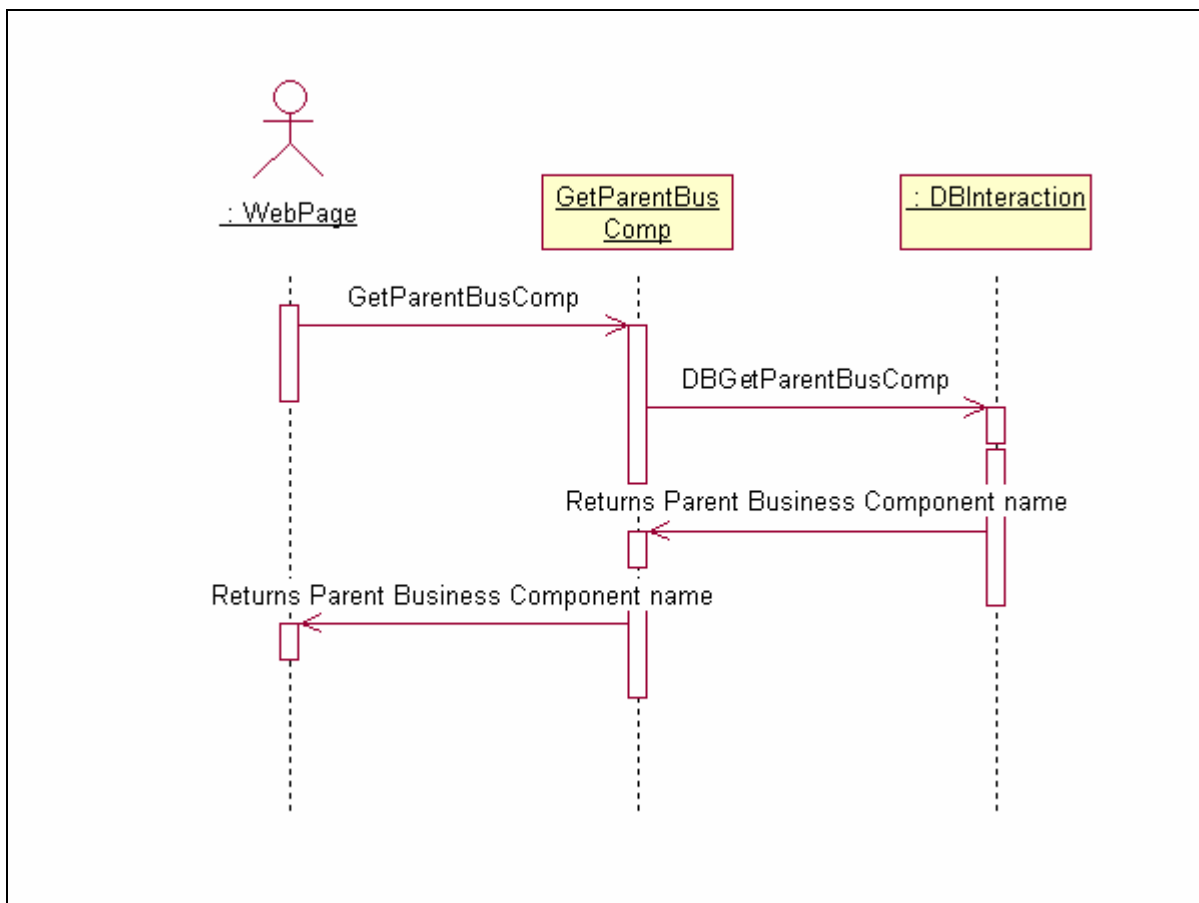
| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strBusComp | String | Name of the Business Component whose parent has to be fetched. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---------------------------------------|
| 1 | String | Name of the parent business component |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When no parent business component is found in ACS7 database for the input business component. |

Process Flow**Example**

```

Dim l_strBusComp As String= "Account"
Dim l_strParentBusComp As String
Dim l_objRequestHandler as New RequestHandler()
  
```

```

l_strParentBusComp =
l_objRequestHandler.GetParentBusComp (l_strBusComp)

```

GetBusCompID

Syntax

```
Public Function GetBusCompID(ByVal a_strBusComp As String) As Integer
```

Description

This function gets the value of Business Component ID of the input Business Component from the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strBusComp | String | Name of the Business Component whose ID has to be fetched. |

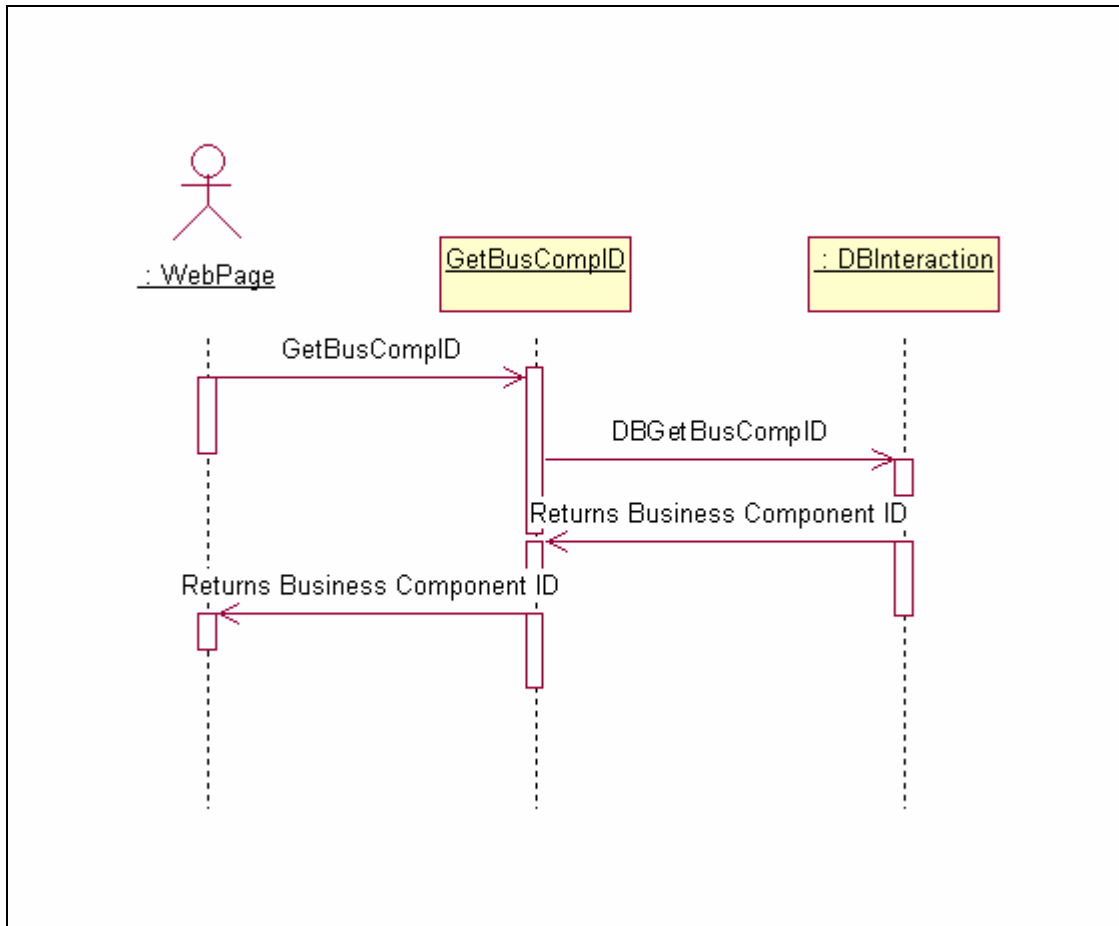
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------------------|
| 1 | Integer | ID of the input business component |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------------------|--|
| 1 | BusCompNotConfiguredException | When business component is not found in ACS7 database. |

Process Flow



Example

```

Dim l_strBusComp As String= "Account"
Dim l_nBusCompID As Integer
Dim l_objRequestHandler as New RequestHandler()
l_nBusCompID
=l_objRequestHandler.GetBusCompID(l_strBusComp)
  
```

GetLinkedDocuments

Syntax

```

Public Function GetLinkedDocuments(ByVal a_strSiebelRowID As String, Optional ByVal a_nDocClassID As Integer = 0, Optional ByVal a_nLibraryID As Integer = 0) As String
  
```

Description

This function gets an XML string of Linked Documents from the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strSiebelRowID | String | Siebel RowID for which the linked documents have to be fetched. |
| 2 | a_nDocClassID | Integer | Document class ID for which the linked documents have to be fetched. Optional parameter |
| 3 | a_nLibraryID | Integer | Library ID for which the linked documents have to be fetched. Optional parameter |

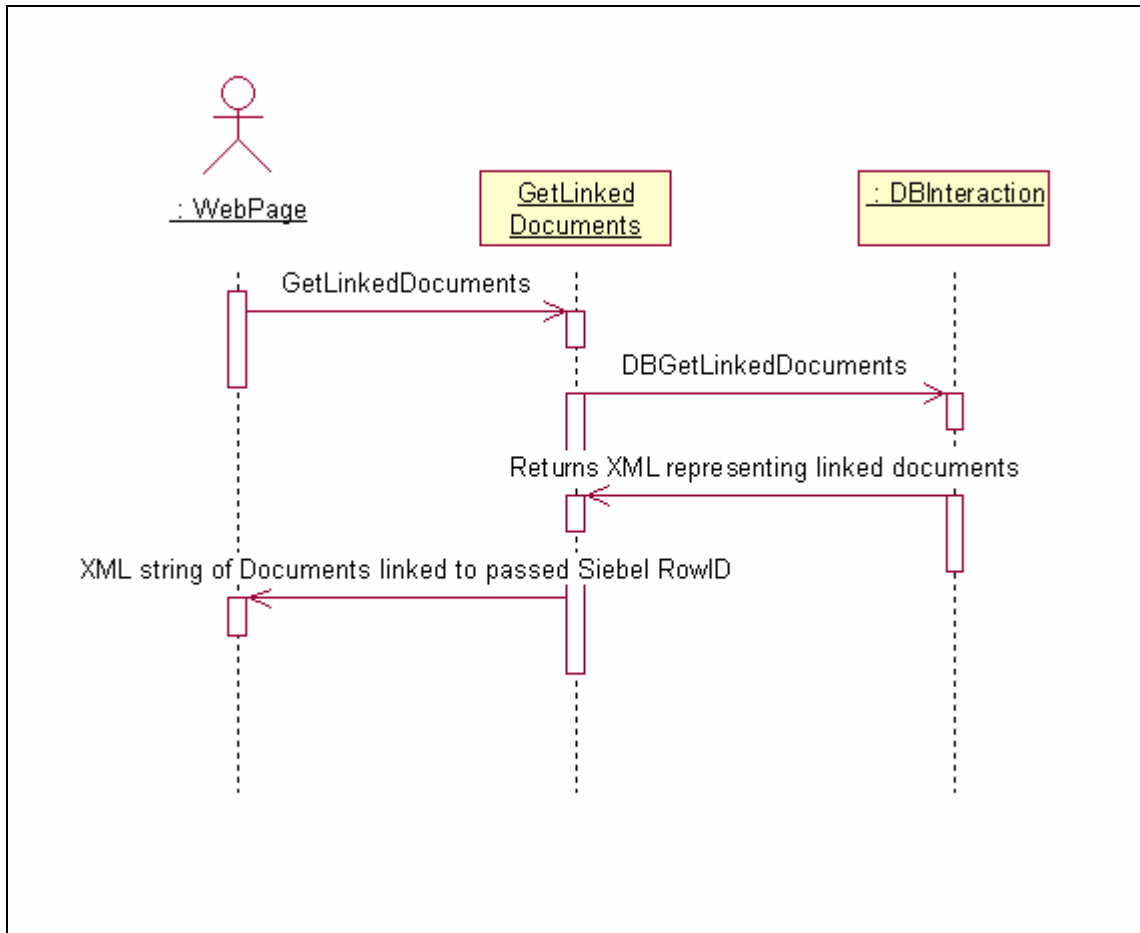
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string of the linked documents from the ACS7 database having structure as <pre>"<NewDataSet> <CIS DOCID="003695856" DOCCLASSID="3" DOCCLASSNAME="Service" LIBRARYID="1" LIBRARYNAME="csdb^fn-test" /> <CIS DOCID="003695857" DOCCLASSID="3" DOCCLASSNAME="Service" LIBRARYID="1" LIBRARYNAME="csdb^fn-test" /> </NewDataSet>"</pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------------------|--|
| 1 | NoLinkedDocumentFoundException | When no linked documents are found in ACS7 database. |

Process Flow



Example

```

Dim l_strSiebelRowID As String= "1-4BK"
Dim l_strLinkedDocuments as String
Dim l_objRequestHandler as New RequestHandler()
l_strLinkedDocuments =l_objRequestHandler.
GetLinkedDocuments (l_strSiebelRowID)
  
```

DoesParentBusCompExist

Syntax

```
Public Function DoesParentBusCompExist(ByVal a_strBusComp As String) As Boolean
```

Description

This function checks if a parent business component is configured in ACS7 database for the business component, which is passed as an input parameter.

Input parameters

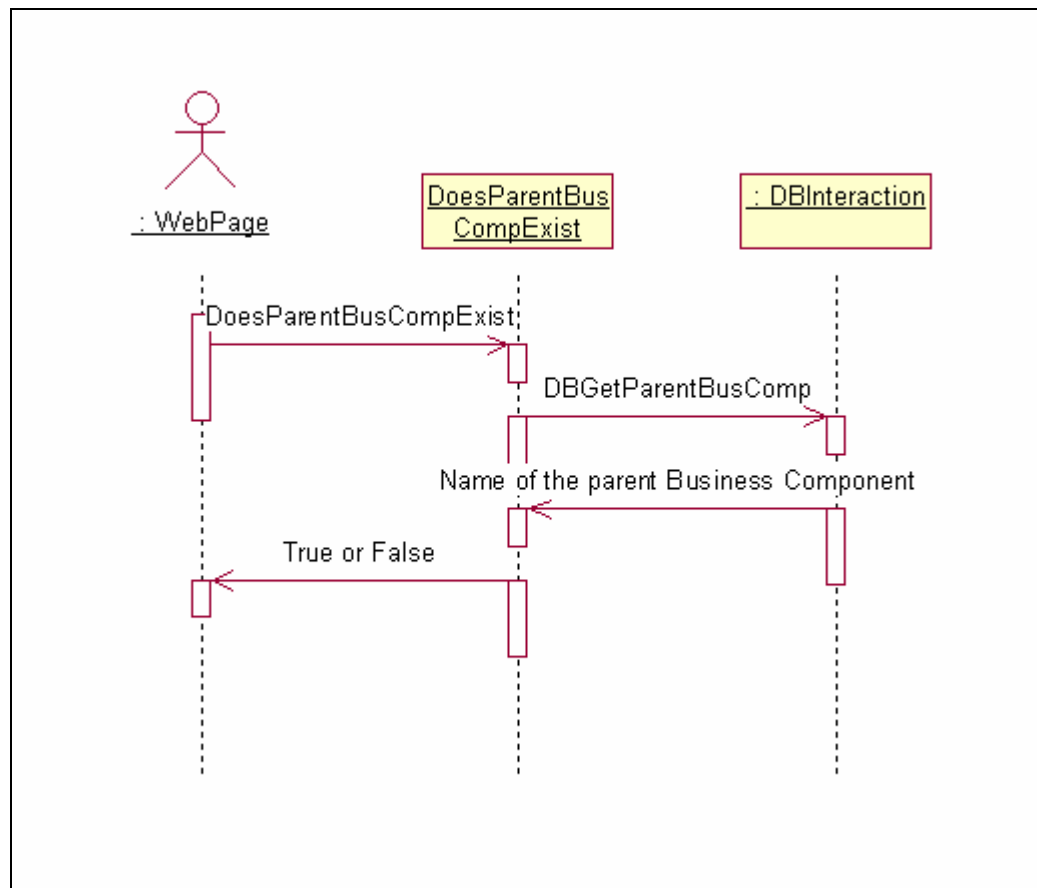
| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---------------------------------|
| 1 | a_strBusComp | String | Name of the Business Component. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the parent business component is configured else false |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow**Example**

```

Dim l_strBusComp As String= "Account"
Dim l_blnParentBusCompExist As Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnParentBusCompExist =l_objRequestHandler.
DoesParentBusCompExist (l_strBusComp)

```

UpdateEntriesInFileNETTables

Syntax

```
Public Sub UpdateEntriesInFileNETTables(ByVal a_strXML As String)
```

Description

This function updates the record present in FN_CIS_DOCCLASSFIELDS table of ACS7 database with the values that are stored in the XML string that are passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string "<CIS DOCCLASSFIELDID="47" VALUEREQUIRED="Y" CANBEDISPLAYED="Y" CANBEQUERIED="Y" CANBEINDEXED="Y" />" |

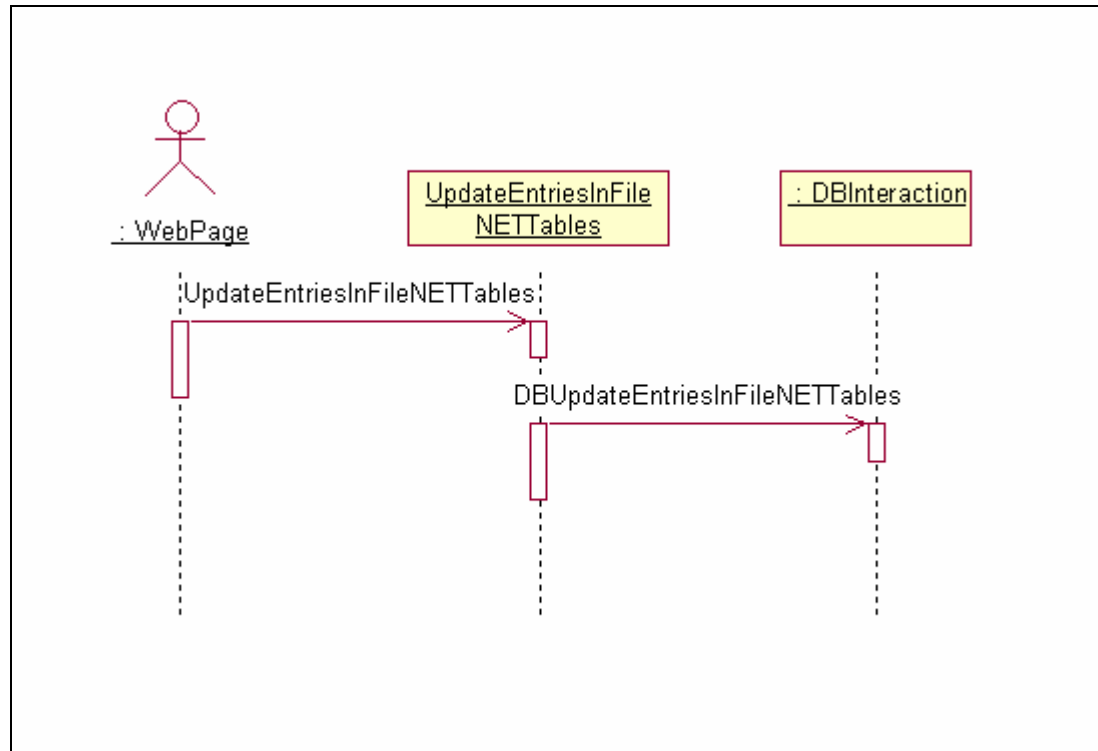
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

``Create an XML string having structure as defined above.
Store it in a string variable say l_strUpdateXML`

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler. UpdateEntriesInFileNETTables
(l_strUpdateXML)
```

UpdateEntriesInLinkRulesTable

Syntax

```
Public Sub UpdateEntriesInLinkRulesTable (ByVal a_strXML As String)
```

Description

This function updates the record present in FN_CIS_LINKRULES table of ACS7 database with the values that are stored in the XML string.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
|--------|---------------|-----------|-------------|

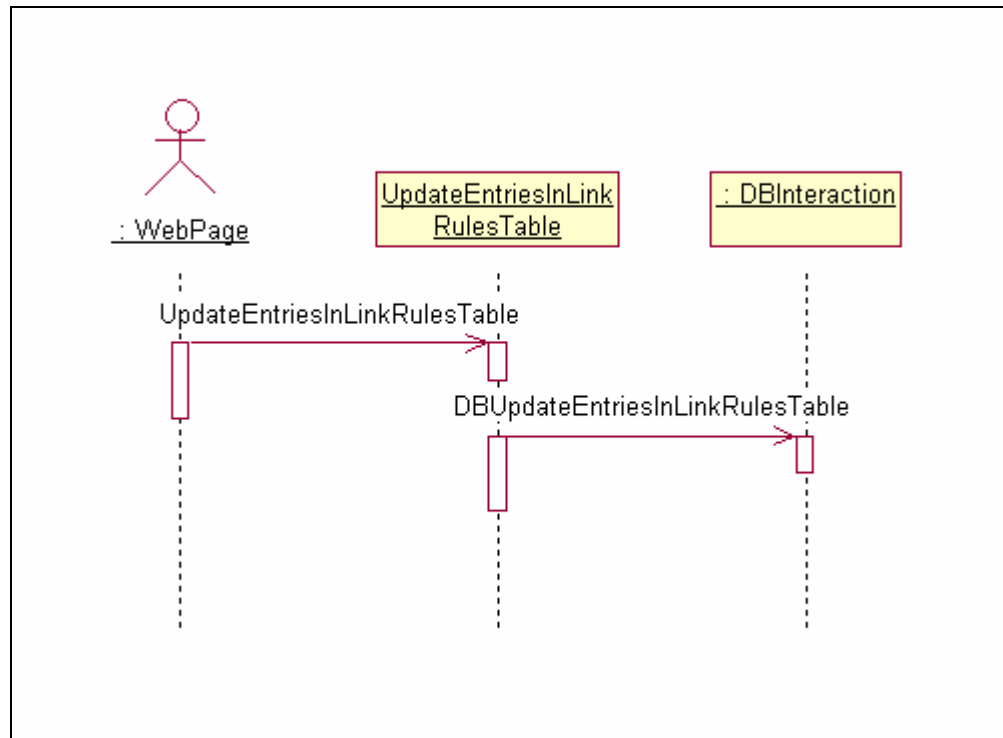
| | | | |
|---|----------|--------|--|
| 1 | a_strXML | String | XML string "<CIS FIELDMAPID="60" RULEID="1" VALUEREQUIREDFORMAT="N" CREATEACTIVITY="Y" RULEMATCHACTION="UserExit" USEREXITDATA="ABC" />" |
|---|----------|--------|--|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow**Example**

```
`Create an XML string having structure as defined above.
Store it in a string variable say l_strUpdateXML
```

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler. UpdateEntriesInLinkRulesTable
(l_strUpdateXML)
```

GetBusComps

Syntax

```
Public Function GetBusComps() As String
```

Description

This function gets the XML string of the Business Components in ACS7 database

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

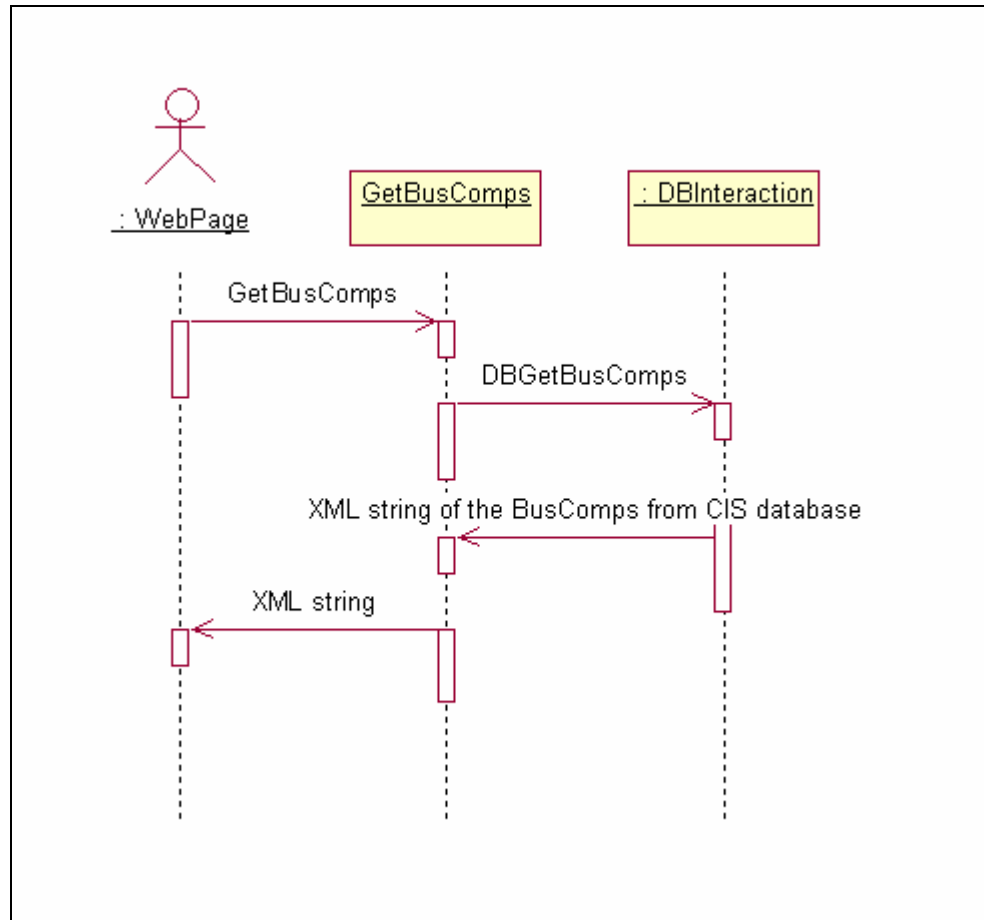
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | Returns an XML string of business components from ACS7 database. <NewDataSet> <CIS BUSCOMP="Account" BUSCOMPID="1" /><CIS BUSCOMP="Service Request" BUSCOMPID="2" /> <CIS BUSCOMP="User" BUSCOMPID="3" /> </NewDataSet> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_strBusCompXML as String
Dim l_objRequestHandler as New RequestHandler()
l_strBusCompXML = l_objRequestHandler.GetBusComps()
  
```

GetDBDocClasses

Syntax

```
Public Function GetDBDocClasses(ByVal a_nLibraryID As Integer) As String
```

Description

This function gets the XML string of the document classes from the database for the LibraryID.

Input parameters

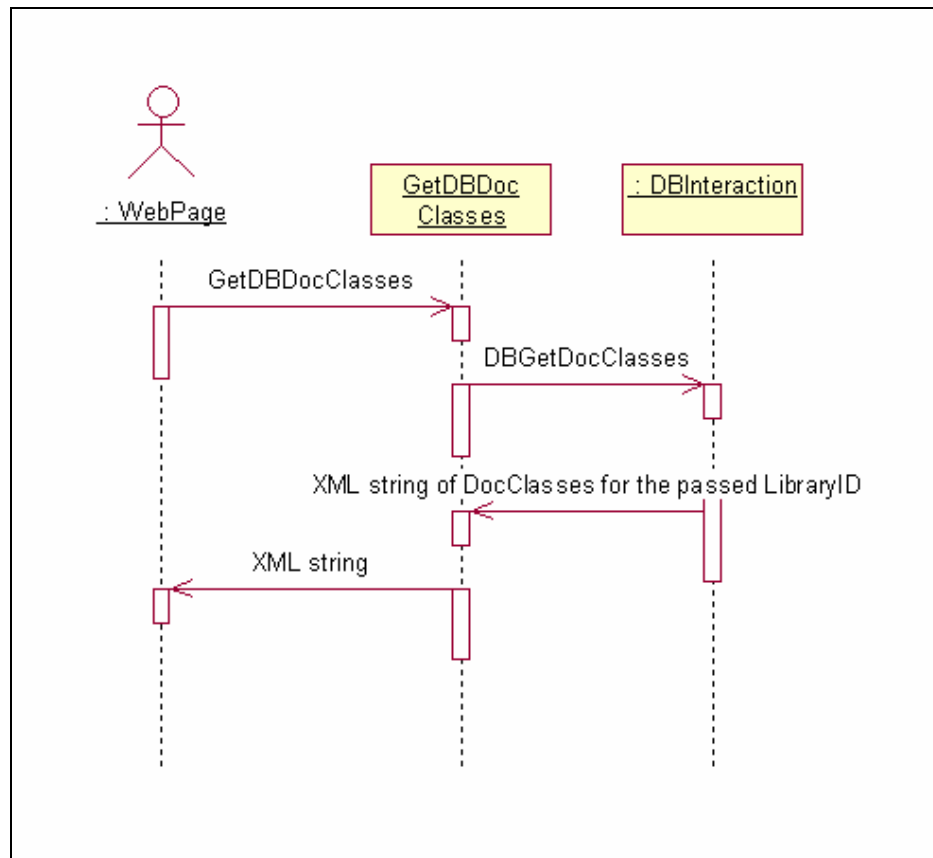
| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_nLibraryID | Integer | Library ID as present in FN_CIS_LIBRARY table of ACS7 database |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | Returns an XML string of document classes from ACS7 database. <pre><NewDataSet> <CIS DOCCLASSNAME="Account" DOCCLASSID="4" /> </NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow

Example

```

Dim l_strDocClassesXML as String
Dim l_nLibraryID as Integer = 1
Dim l_objRequestHandler as New RequestHandler()
l_strDocClassesXML =
l_objRequestHandler.GetDBDocClasses(l_nLibraryID)

```

GetDBDocClassFields**Syntax**

```
Public Function GetDBDocClassFields(ByVal a_nDocClassID As Integer) As String
```

Description

This function gets the XML string of the document class fields from the database for the input DocClassID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_nDocClassID | Integer | Document Class ID as present in FN_CIS_DOCCLASS table of ACS7 database |

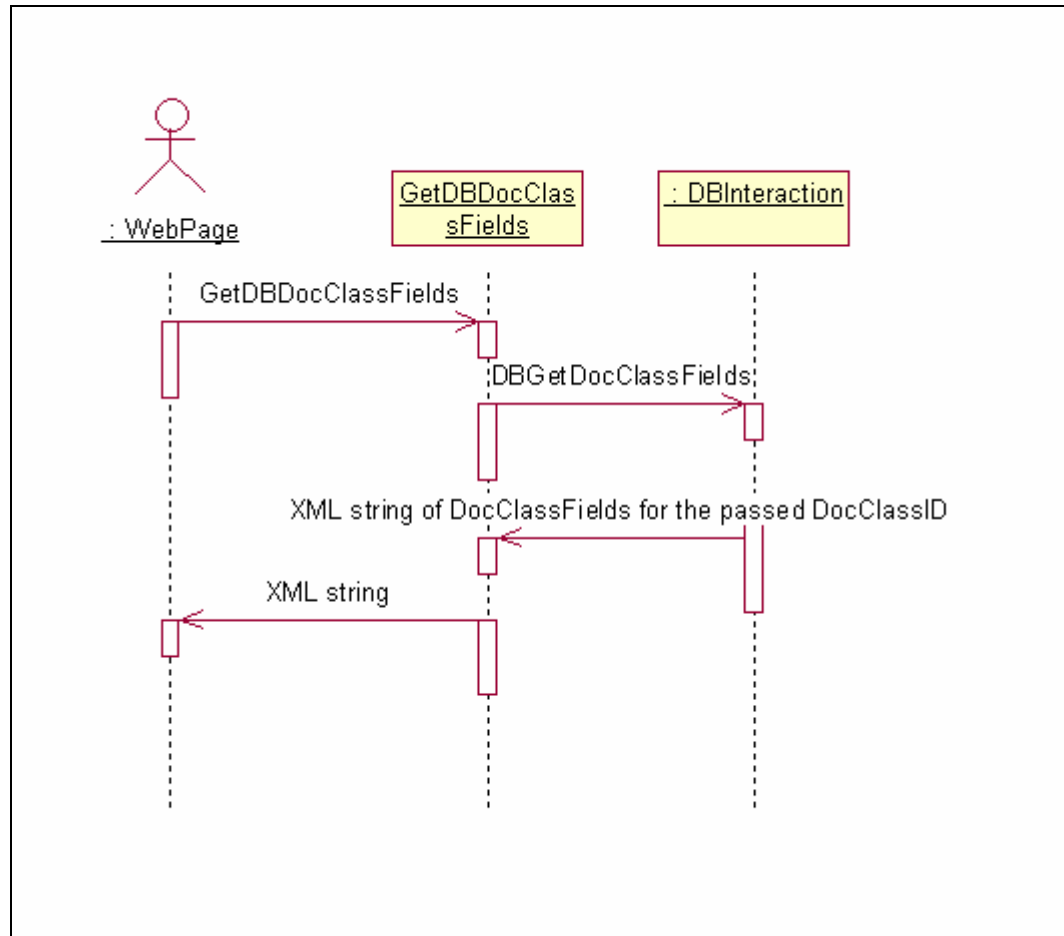
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | Returns an XML string of document class fields from ACS7 database. <NewDataSet> <CIS DOCCLASSFIELDNAME="Account" DOCCLASSFIELDLABEL="Account" DOCCLASSFIELDID="47" /> </NewDataSet> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_strDocClassFieldsXML as String
Dim l_nDocClassID as Integer = 1
Dim l_objRequestHandler as New RequestHandler()
l_strDocClassFieldsXML =
l_objRequestHandler.GetDBDocClassFields(l_nDocClassID)
  
```

GetDBBusCompFields

Syntax

```
Public Function GetDBBusCompFields (ByVal a_nBusCompID As Integer) As String
```

Description

This function gets the XML string of the business component fields from the database for the input BusCompID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_nBusCompID | Integer | Business component ID as present in FN_CIS_BUSCOMP table of ACS7 database |

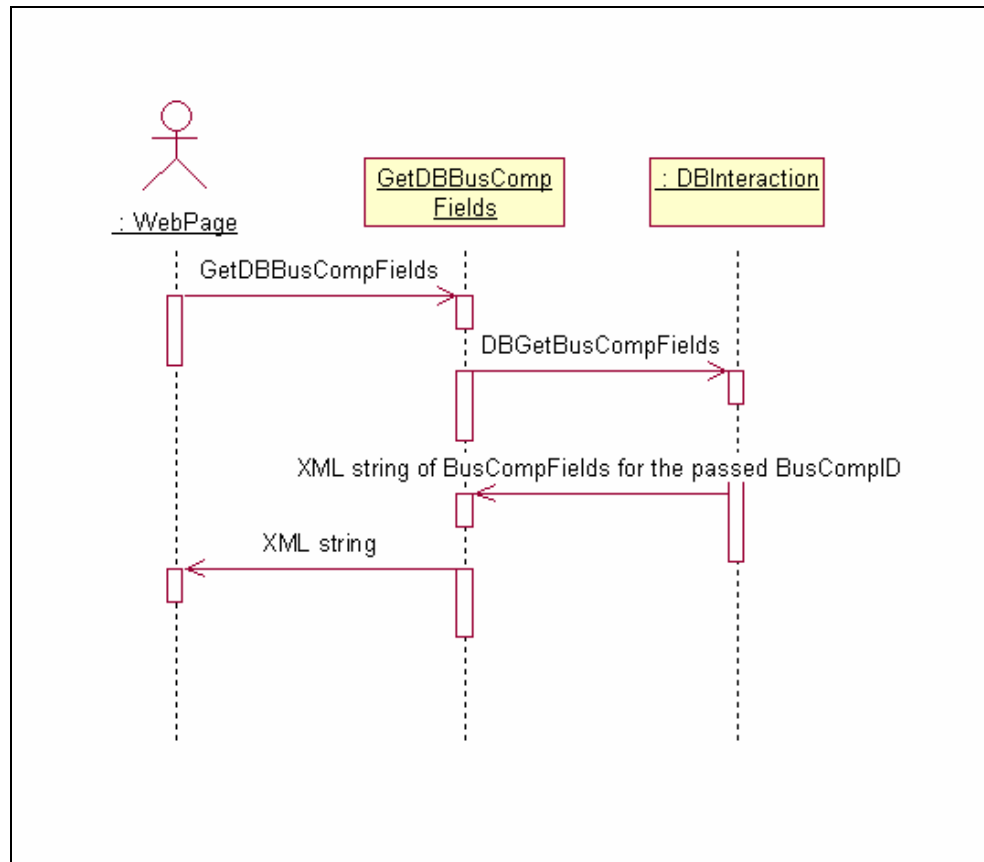
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | Returns an XML string of business component fields from ACS7 database. <pre><NewDataSet> <CIS BUSCOMPFIELDNAME="Account" BUSCOMPFIELDID="10" /> </NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_strBusCompFieldsXML as String
Dim l_nBusCompID as Integer = 1
Dim l_objRequestHandler as New RequestHandler()
l_strBusCompFieldsXML = l_objRequestHandler.
GetDBBusCompFields (l_nBusCompID)
  
```

GetMapID

Syntax

```

Public Function GetMapID(ByVal a_nBusCompID As Integer, ByVal a_nDocClassID As Integer) As Integer
  
```

Description

This function gets the MapID from FN_CIS_BUSCOMPDOCCLASSMAP table of ACS7 database for the input BusCompID and DocClassID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_nBusCompID | Integer | Business component ID as present in FN_CIS_BUSCOMP table of ACS7 database |
| 2 | a_nDocClassID | Integer | Document Class ID as present in FN_CIS_DOCCLASS table of ACS7 database |

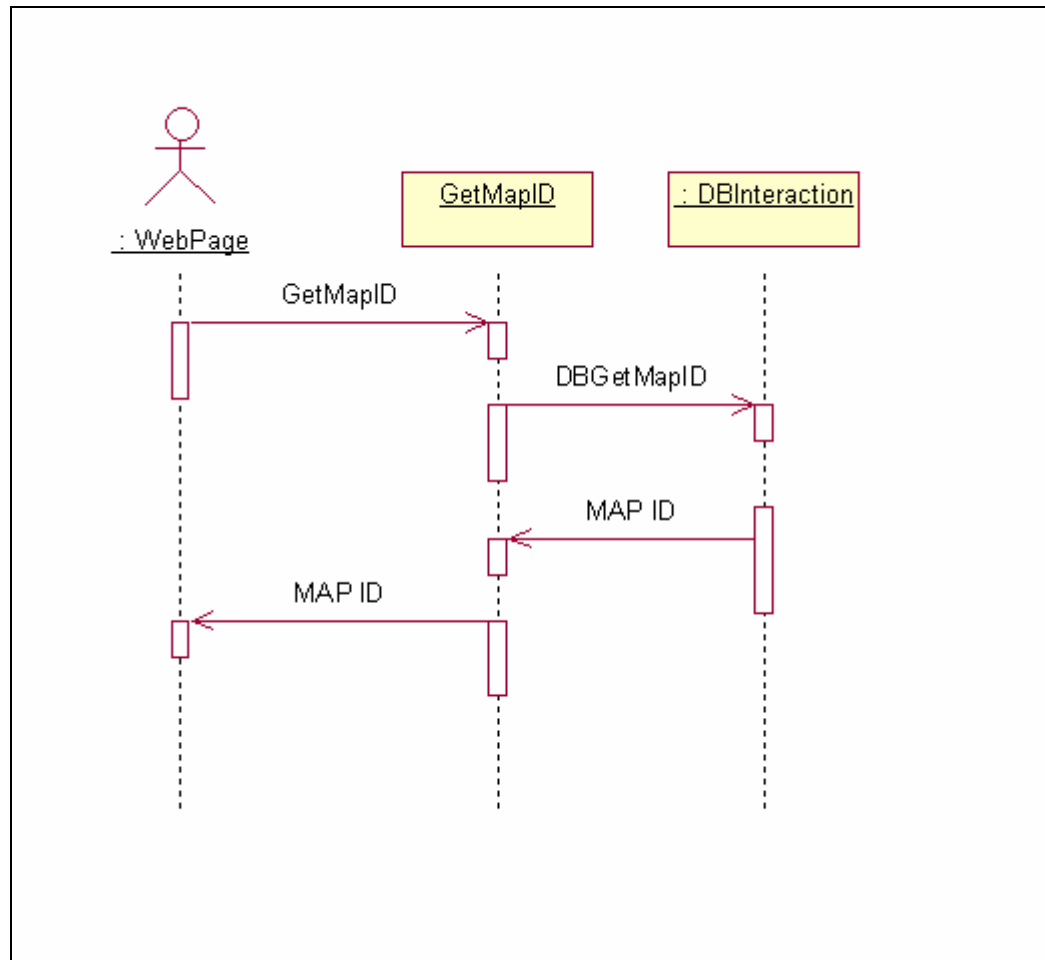
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Integer | Returns MapID from FN_CIS_BUSCOMPDOCCLASSMAP table of ACS7 database for BusCompID and DocClassID that are passed as input parameters. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_nMapID as Integer
Dim l_nBusCompID as Integer = 1
Dim l_nDocClassID as Integer = 11
Dim l_objRequestHandler as New RequestHandler()
l_nMapID = l_objRequestHandler.GetMapID(l_nBusCompID,
l_nDocClassID)
  
```

GetDBLibraries

Syntax

```
Public Function GetDBLibraries() As String
```

Description

This function gets the XML string of the libraries in ACS7 database

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

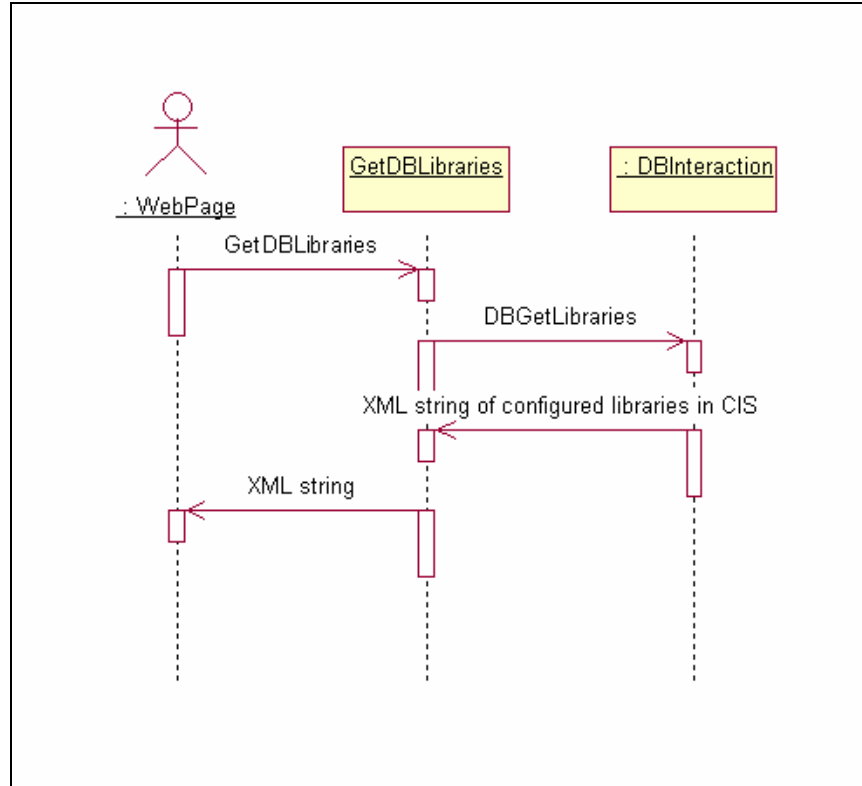
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | Returns an XML string of libraries from ACS7 database. <pre><NewDataSet> <CIS LIBRARYID="3" LIBRARYNAME="DefaultIMS:Apple:FileNET" LIBRARYLABEL="Apple" /> </NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_strLibrariesXML as String
Dim l_objRequestHandler as New RequestHandler()
l_strLibrariesXML = l_objRequestHandler.GetDBLibraries()
  
```

GetFieldMapID

Syntax

```

Public Function GetFieldMapID (ByVal a_nBusCompFieldID As Integer, ByVal
a_nDocClassFieldID As Integer) As Integer
  
```

Description

This function gets the FieldMapID from FN_CIS_FIELDMAP table of ACS7 database for the input BusCompFieldID and DocClassFieldID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|--------------------------|
| 1 | a_nBusCompFieldID | Integer | Business component Field |

| | | | |
|---|--------------------|---------|---|
| | | | ID as present in FN_CIS_BUSCOMPFIELD table of ACS7 database |
| 2 | a_nDocClassFieldID | Integer | Document Class Field ID as present in FN_CIS_DOCCLASSFIELD table of ACS7 database |

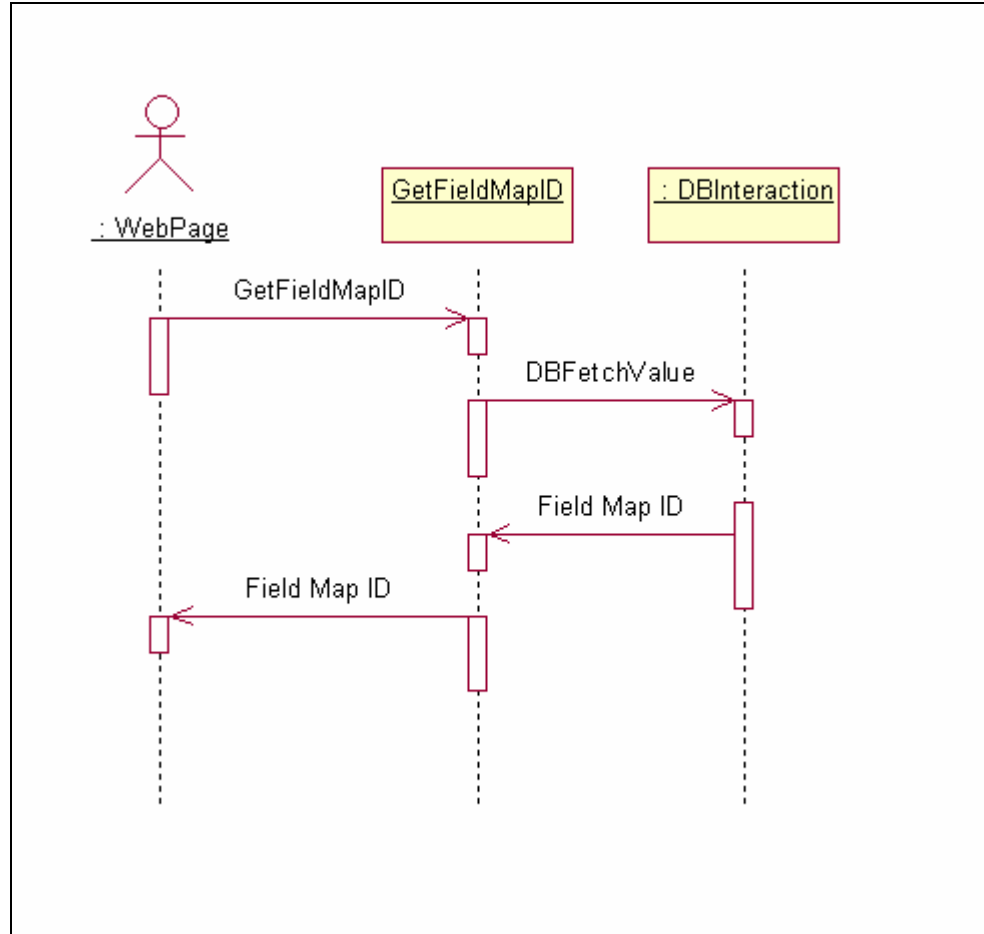
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Integer | Returns FieldMapID from FN_CIS_FIELDMAP table of ACS7 database for BusCompFieldID and DocClassFieldID that are passed as input parameters. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_nFieldMapID as Integer
Dim l_nBusCompFieldID as Integer = 1
Dim l_nDocClassFieldID as Integer = 11
Dim l_objRequestHandler as New RequestHandler()
l_nFieldMapID =
l_objRequestHandler.GetFieldMapID(l_nBusCompFieldID,
l_nDocClassFieldID)
  
```

DoesFieldMapIDExist

Syntax

Public Function DoesFieldMapIDExist(ByVal a_nFieldMapID As Integer) As Boolean

Description

This function checks if the FieldMapID, which is passed as input parameter, exists in FN_CIS_FIELDMAP table of ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_nFieldMapID | Integer | Field Map ID as present in FN_CIS_FIELDMAP table of ACS7 database |

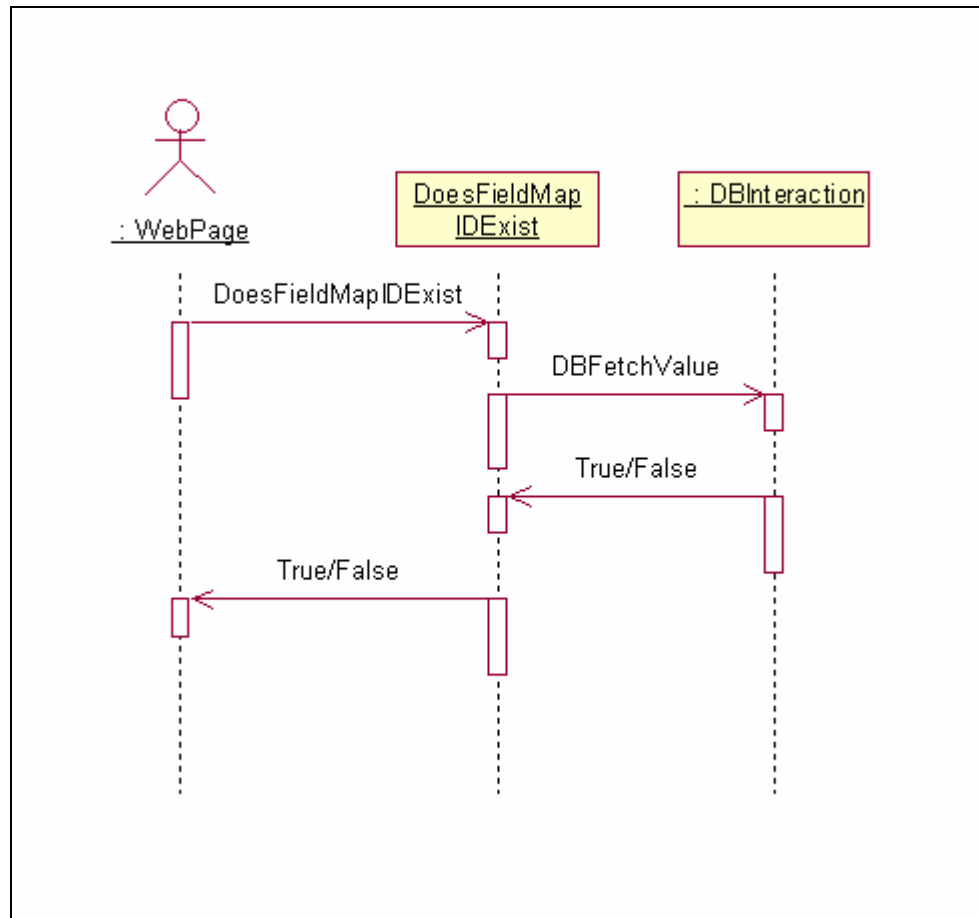
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | Boolean | Returns True if FieldMapID exist in FN_CIS_FIELDMAP table of ACS7 database else False. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Process Flow



Example

```

Dim l_nFieldMapID as Integer = 2
Dim l_blnFieldMapIDExist as Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnFieldMapIDExist = l_objRequestHandler.
DoesFieldMapIDExist (l_nFieldMapID)
  
```

InsertEntriesInFileNETTables

Syntax

```
Public Sub InsertEntriesInFileNETTables(ByVal a_strXML As String)
```

Description

This function inserts entries in the FileNet related tables, FN_CIS_LIBRARY, FN_CIS_DOCCLASS and FN_CIS_DOCCLASSFIELDS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the values to be inserted in the table having structure as "<CIS LIBRARYID="3" DOCCLASSID="4" DOCCLASSFIELDID="0" LIBRARYNAME="DefaultIMS:Apple:FileNet" LIBRARYLABEL="Apple" DOCCLASSNAME="Account" DOCCLASSFIELDNAME="Number" DOCCLASSFIELDLABEL="Number" VALUEREQUIRED="N" CANBEDISPLAYED="Y" CANBEQUERIED="Y" CANBEINDEXED="Y" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
`Create an input XML string; say l_strXML, having structure as defined above
```

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.InsertEntriesInFileNETTables(l_strXML)
)
```

InsertEntriesInMapTables**Syntax**

```
Public Sub InsertEntriesInMapTables(ByVal a_strXML As String)
```

Description

This function inserts entries in the Map table that is FN_CIS_FIELDMAP.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string containing the values to be inserted in the table having structure as "<CIS MAPID="1" DOCCLASSID="9" DOCCLASSFIELDID="18" BUSCOMPID="1" BUSCOMPFIELDID="2" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```

`Create an input XML string; say l_strXML, having
structure as defined above

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.InsertEntriesInmAPTables(l_strXML)

```

InsertEntriesInLinkRulesTables**Syntax**

```
Public Sub InsertEntriesInLinkRulesTables (ByVal a_strXML As String)
```

Description

This function inserts entries in the Link Rules table i.e. FN_CIS_LINKRULES.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the values to be inserted in the table having structure as "<CIS FIELDMAPID="60" RULEID="1" |

| | | | |
|--|--|--|--|
| | | | RULEMATCHACTION="USEREXIT" CREATEACTIVITY="Y" VALUEREQUIREDFORMATCH="Y" USEREXITDATA="ABC" /> |
|--|--|--|--|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

``Create an input XML string; say l_strXML, having structure as defined above`

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.InsertEntriesInLinkRulesTables
(l_strXML)
```

InsertEntriesInParentBCTables**Syntax**

```
Public Sub InsertEntriesInParentBCTables (ByVal a_strXML As String)
```

Description

This function insert entries in the Parent business component table i.e. FN_CIS_FOREIGNKEYS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string containing the values to be inserted in the table having structure as "<CIS BUSCOMPID="1" PARENTBUSCOMPID="2" FOREIGNKEY="Address Id" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```

`Create an input XML string; say l_strXML, having
structure as defined above

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.InsertEntriesParentBCTables(l_strXML)

```

InsertEntriesInSiebelTables

Syntax

```
Public Sub InsertEntriesInSiebelTables (ByVal a_strXML As String)
```

Description

This function inserts entries in the Siebel related tables i.e. FN_CIS_BUSCOMP and FN_CIS_BUSCOMPFIELDS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the values to be inserted in the table having structure as "<CIS BUSCOMPID="1" BUSCOMP="Account" BUSCOMPFIELDNAME="Address Id" BUSCOMPFIELDID="0" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
`Create an input XML string; say l_strXML, having  
structure as defined above
```

```
Dim l_objRequestHandler as New RequestHandler()
```

```
l_objRequestHandler.InsertEntriesInSiebelTables(l_strXML)
```

FetchEntriesFromSiebelTables

Syntax

Public Function FetchEntriesFromSiebelTables () As String

Description

This function fetches entries from the Siebel related tables i.e FN_CIS_BUSCOMP and FN_CIS_BUSCOMPFIELDS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing the values fetched from the table having structure as <pre><NewDataSet><CIS BUSCOMPID="1" BUSCOMP="Account" BUSCOMPFIELDID="8" BUSCOMPFIELDNAME="Account Status" /></NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
Dim l_strFetchedXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strFetchedXML =
l_objRequestHandler.FetchEntriesFromSiebelTables()
```

FetchEntriesFromFileNETTables

Syntax

Public Function FetchEntriesFromFileNETTables () As String

Description

This function fetches entries from the FileNet related tables i.e. FN_CIS_LIBRARY, FN_CIS_DOCCLASS and FN_CIS_DOCCLASSFIELDS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing the values fetched from the table having structure as <pre><NewDataSet><CIS LIBRARYID="2" LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" LIBRARYLABEL="IMGSERV" DOCCLASSID="9" DOCCLASSNAME="TestClass1" DOCCLASSFIELDID="19" DOCCLASSFIELDNAME="TestIndex2" DOCCLASSFIELDLABEL="TestIndex2" CANBEINDEXED="Y" CANBEDISPLAYED="Y" CANBEQUERIED="Y" VALUEREQUIRED="Y" /></NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
Dim l_strFetchedXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strFetchedXML =
l_objRequestHandler.FetchEntriesFromFileNETTables()
```

FetchEntriesFromParentBCTables**Syntax**

```
Public Function FetchEntriesFromParentBCTables () As String
```

Description

This function fetches entries from the parent business component related tables i.e. FN_CIS_BUSCOMP and FN_CIS_FOREIGNKEYS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing the values fetched from the table having structure as <NewDataSet><CIS BUSCOMP="Service Request" BUSCOMPID="2" PARENTBUSCOMPID="1" FOREIGNKEY="Account Id" /></NewDataSet> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
Dim l_strFetchedXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strFetchedXML =
l_objRequestHandler.FetchEntriesFromParentBCTables()
```

FetchEntriesFromLinkRulesTables

Syntax

```
Public Function FetchEntriesFromLinkRulesTables () As String
```

Description

This function fetches entries from the LinkRules table i.e. FN_CIS_LINKRULES.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing the values fetched from the table having structure as <pre><NewDataSet><CIS LIBRARYLABEL="Apple" LIBRARYID="3" DOCCLASSID="4" BUSCOMPID="1" DOCCLASSID1="4" DOCCLASSNAME="Account" DOCCLASSFIELDID="47" DOCCLASSFIELDNAME="Account" DOCCLASSFIELDLABEL="Account" VALUEREQUIRED="N" CANBEDISPLAYED="Y" CANBEINDEXED="Y" CANBEQUERIED="Y" BUSCOMPID1="1" BUSCOMP="Account" BUSCOMPFIELDID="1" BUSCOMPFIELDNAME="Name" BUSCOMPFIELDLABEL="Name" FIELDMAPID="60" MAPID="22" RULEID="" RULEMATCHACTION="LINK" CREATEACTIVITY="N" VALUEREQUIREDFORMAT="N" USEREXITDATA="" /></NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
Dim l_strFetchedXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strFetchedXML =
l_objRequestHandler.FetchEntriesFromLinkRulesTables()
```

FetchEntriesFromMapTables**Syntax**

```
Public Function FetchEntriesFromMapTables () As String
```

Description

This function fetches entries from the Map table i.e. FN_CIS_FIELDMAP.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing the values fetched from the table having structure as <pre><NewDataSet><CIS LIBRARYLABEL="Apple" LIBRARYID="3" DOCCLASSID="4" BUSCOMPID="1" DOCCLASSID1="4" DOCCLASSNAME="Account" DOCCLASSFIELDID="47" DOCCLASSFIELDNAME="Account" DOCCLASSFIELDLABEL="Account" VALUEREQUIRED="N" CANBEDISPLAYED="Y" CANBEINDEXED="Y" CANBEQUERIED="Y" BUSCOMPID1="1" BUSCOMP="Account" BUSCOMPFIELDID="1" BUSCOMPFIELDNAME="Name" BUSCOMPFIELDLABEL="Name" FIELDMAPID="60" MAPID="22" /></NewDataSet></pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
Dim l_strFetchedXML As String
Dim l_objRequestHandler as New RequestHandler()
l_strFetchedXML =
l_objRequestHandler.FetchEntriesFromMapTables()
```

DeleteEntriesFromSiebelTables**Syntax**

```
Public Sub DeleteEntriesFromSiebelTables (ByVal a_strXML As String)
```

Description

This function deletes entries from the Siebel related tables i.e. FN_CIS_BUSCOMP and FN_CIS_BUSCOMPFIELDS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the values to be deleted from the table having structure as "<CIS BUSCOMPID="0" BUSCOMPFIELDID="8" BUSCOMPFIELDNAME="Account Status" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
`Create an input XML string; say l_strXML, having structure as defined above
```

```
Dim l_objRequestHandler as New RequestHandler()  
l_objRequestHandler.DeleteEntriesFromSiebelTables(l_strXML)
```

DeleteEntriesFromFileNETTables**Syntax**

```
Public Sub DeleteEntriesFromFileNETTables (ByVal a_strXML As String)
```

Description

This function deletes entries from the FileNet related tables i.e. FN_CIS_LIBRARY, FN_CIS_DOCCLASS and FN_CIS_DOCCLASS FIELDS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the values to be deleted from the table having structure as |

| | | | |
|--|--|--|---|
| | | | <pre><CIS LIBRARYID="1" DOCCLASSID="1" DOCCLASSFIELDID="19" DOCCLASSFIELDNAME="TestIndex2" /></pre> |
|--|--|--|---|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
`Create an input XML string; say l_strXML, having
structure as defined above
```

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.DeleteEntriesFromFileNETTables(l_strX
ML)
```

DeleteEntriesFromLinkRulesTables**Syntax**

```
Public Sub DeleteEntriesFromLinkRulesTables (ByVal a_nFieldMapID As Integer)
```

Description

This function deletes entries from the Link Rules table i.e. FN_CIS_LINKRULES.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_nFieldMapID | Integer | Field Map ID as present in FN_CIS_FIELDMAP table of ACS7 database. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
|--------|-----------|-------------|

None

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```
Dim l_nFieldMapID as Integer = 11
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.DeleteEntriesFromLinkRulesTables(l_nFieldMapID)
```

DeleteEntriesFromMapTables**Syntax**

```
Public Sub DeleteEntriesFromMapTables (ByVal a_strXML As Integer)
```

Description

This function deletes entries from the Map table i.e. FN_CIS_FIELDMAP.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the values to be deleted from the table having structure as <CIS DOCCLASSFIELDID="19" BUSCOMPFIELDID="19" /> |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```

`Create an input XML string; say l_strXML, having
structure as defined above

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.DeleteEntriesFromMapTables(l_strXML)

```

DeleteEntriesFromParentBCTables**Syntax**

```
Public Sub DeleteEntriesFromParentBCTables (ByVal a_strXML As String)
```

Description

This function deletes entries from the parent business component tables i.e. FN_CIS_BUSCOMP and FN_CIS_FOREIGNKEYS.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string containing the values to be deleted from the table having structure as "<CIS BUSCOMPID="2" FOREIGNKEY="Account Id" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When certain ACS7 database related errors are encountered. |

Example

```

`Create an input XML string; say l_strXML, having
structure as defined above

Dim l_objRequestHandler as New RequestHandler()

```

```
l_objRequestHandler.DeleteEntriesFromParentBCTables(l_strXML)
```

AreDBLogonCredentialsValid

Syntax

```
Public Shared Function AreDBLogonCredentialsValid (ByVal a_strXML As String) As Boolean
```

Description

This function is used to validate the database credentials that are passed in the form of an XML string as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the database credentials having structure as For SQL "<ROOT DBSERVERNAME="filenetsrv" DBNAME="CIS30" DBTYPE="SQL" DBUSERID="sa" DBPASSWORD="" />" For Oracle "<ROOT DBTNSNAME="CIS" DBTYPE="ORACLE" DBUSERID="CISUSER" DBPASSWORD="CISUSER" />" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | Boolean | True- if the credentials are valid else False |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Example

```

`Create an input XML string; say l_strXML, having
structure defined above

Dim l_blnCredentialsValid As Boolean
Dim l_objRequestHandler as New RequestHandler()
l_blnCredentialsValid =
l_objRequestHandler.AreDBLogonCredentialsValid(l_strXML)

```

Dispose**Syntax**

```
Public Sub Dispose()
```

Description

This function is used to dispose the database connection object, which is set in the member variable of the class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When certain database related errors are encountered. |

Example

```

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.Dispose()

```

UpdateLinksOfStoredSearches**Syntax**

Public Sub UpdateLinksOfStoredSearches(ByVal a_strXML As String)

Description

This method updates the link of stored searches in the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string containing the links to be updated having structure as "<CIS ROWID="1-XD" LIBRARYID="1"><PROPERTIES DOCID="003692987" LINKSTATUS="LINK" /></CIS>" |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------|--|
| 1 | TxnFailedException | When some DataBase related error occurs like Transaction fail. |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strXML as string = ""
l_objRequestHandler.UpdateLinksOfStoredSearches(l_strXML)
```

GetLinkedStoredSearches

Syntax

Public Function GetLinkedStoredSearches(ByVal a_strSiebelRowID As String) As String

Description

Returns an XML string of Linked Stored searches for the passed Siebel row ID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-----------------|-----------|--------------|
| 1 | a_strSiebelRowD | String | Siebel RowID |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing linked stored searches as "<ROOT><NEWDATASET> <CIS ITEMID="003670001" LIBRARYID="1" LIBRARYLABEL="fn-test" LIBRARYNAME="csdb^fn-test" /> <CIS ITEMID="003670007" LIBRARYID="1" LIBRARYLABEL="fn-test" LIBRARYNAME="csdb^fn-test" /> <CIS ITEMID="003692987" LIBRARYID="1" LIBRARYLABEL="fn-test" LIBRARYNAME="csdb^fn-test" /> </NEWDATASET></ROOT>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------------------|--|
| 1 | NoLinkedDocumentFoundException | When no linked documents are found for the Siebel Row ID |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strXML as string = ""
Dim l_strRowID As String = "100001"
L_strXML = l_objRequestHandler.GetLinkedStoredSearches(l_strRowID)
```

PasteLinks**Syntax**

```
Public Function PasteLinks(ByVal a_strSourceRowID As String, ByVal a_strDestRowID As String) As String
```

Description

This method is used to paste links of one Siebel record to another Siebel record.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------------|
| 1 | a_strSourceRowID | String | RowID of the source Siebel record |

| | | | |
|---|----------------|--------|-----------------------------------|
| 2 | a_strDestRowID | String | RowID of the target Siebel record |
|---|----------------|--------|-----------------------------------|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | Number of links pasted onto the target Siebel record. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strSourceRowID As String = "100001"
Dim l_strDestRowID As String = "100002"
Dim l_strRowsPasted As String =
l_objRequestHandler.PasteLinks(l_strSourceRowID, l_strDestRowID)
```

GetDocClass**Syntax**

```
Public Function GetDocClass(ByVal a_strLibraryName As String, ByVal a_strFNFieldName As String) As String
```

Description

This Method is used to return the document class name for the property name passed as input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--------------|
| 1 | a_strLibraryName | String | Library Name |
| 2 | a_strFNFieldName | String | Field Name |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|----------------------------|
| 1 | String | Name of the Document Class |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strFieldName As String = "City"
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strDocClassName As String =
I_objRequestHandler.GetDocClass(I_strLibraryName, I_strFNFieldName)
```

Mixed Interactions

UpdateDocumentLinks

Syntax

```
Public Sub UpdateDocumentLinks(ByVal a_strXML As String)
```

Description

This method is used for making new links and deleting old links from the FN_CIS_DOCLINKS

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string which contains the information to create/delete link from FN_CIS_DOCLINKS table. |

Return value

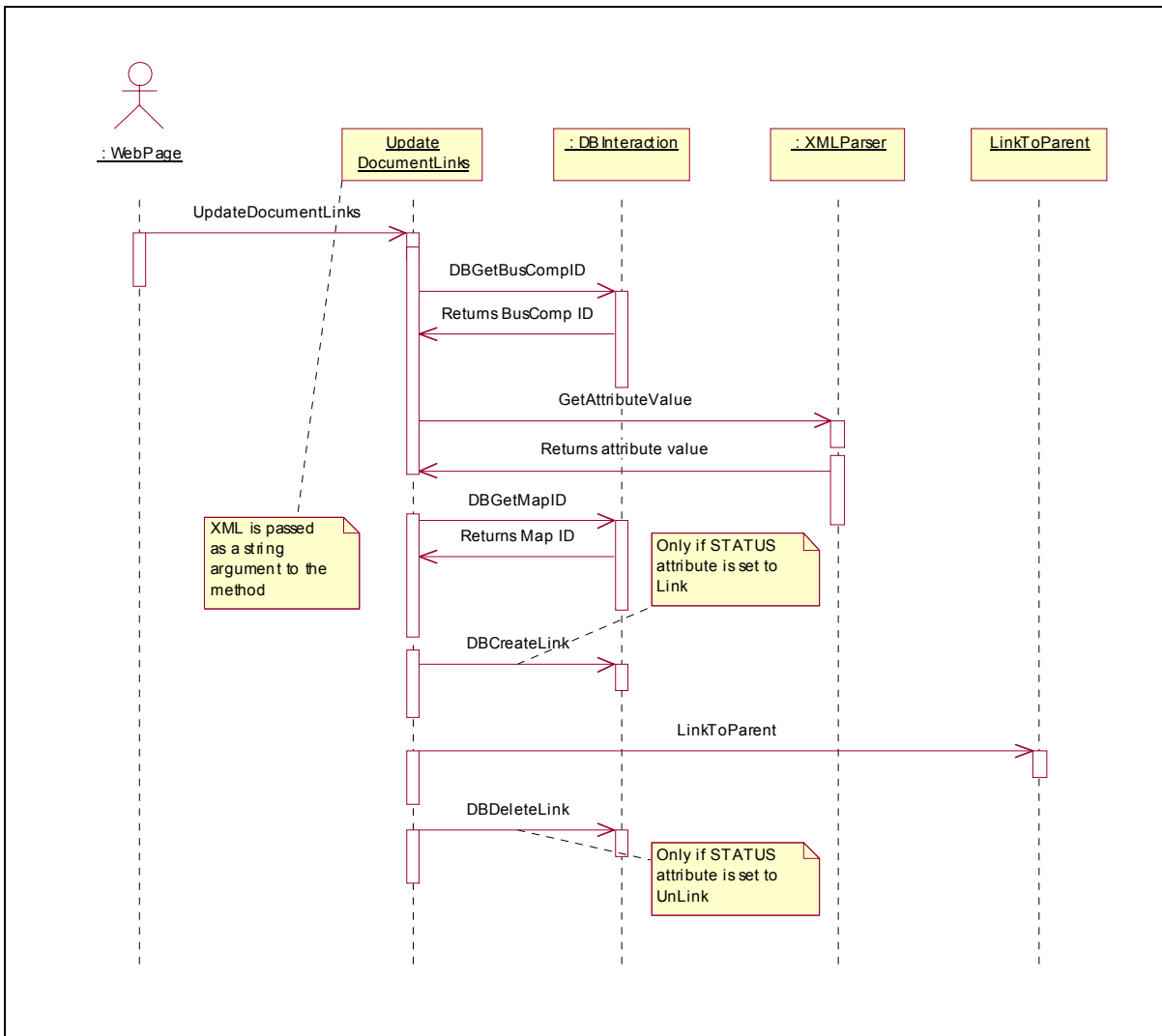
| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|----------------------|-------------------------------------|
| 1 | UpdateLinksException | When the Link already exists in the |

| | | |
|---|--------------------|--|
| | | FN_CIS_DOCLINKS table. |
| 2 | TxnFailedException | When some database exception occurs due to some invalid data. |
| 3 | CISException | Errors encountered while updating Document links either in ACS7 database or in FileNet library |

Process Flow



Example

^Create an XML string and store it in a string variable say a_strXML.

```

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.UpdateDocumentLinks (a_strXML)
    
```

AddAndLinkDocument

Syntax

Public Function AddAndLinkDocument(ByVal a_strXML As String) As String

Description

This function is used to add a new document in FileNet library and then link it in ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | <p>XML string which contains the information to add a new document in FileNet library and then link it in FN_CIS_DOCLINKS table.</p> <pre><CIS LIBRARYID="3" LIBRARYNAME="DefaultIMS:Apple:FileNET" DOCCLASSID="4" DOCCLASSNAME="Account" BUSCOMP="Service Request" BUSOBJECT="Service Request" BUSCOMPID="2" ROWID="1-XD" FILENAME="C:\WINNT\TEMP\vssver.scc" LINKTOPARENT="N" INDEXCONTENT="FALSE"> <DOCINDICES FIELDNAME="Account" FIELDVALUE="FileNet" FIELDLABEL="Account" /> <DOCINDICES FIELDNAME="Date" FIELDVALUE="03/04/2003 10:06:28" FIELDLABEL="Date" /> <DOCINDICES FIELDNAME="Number" FIELDVALUE="11" FIELDLABEL="Number" /> </CIS></pre> |

Return value

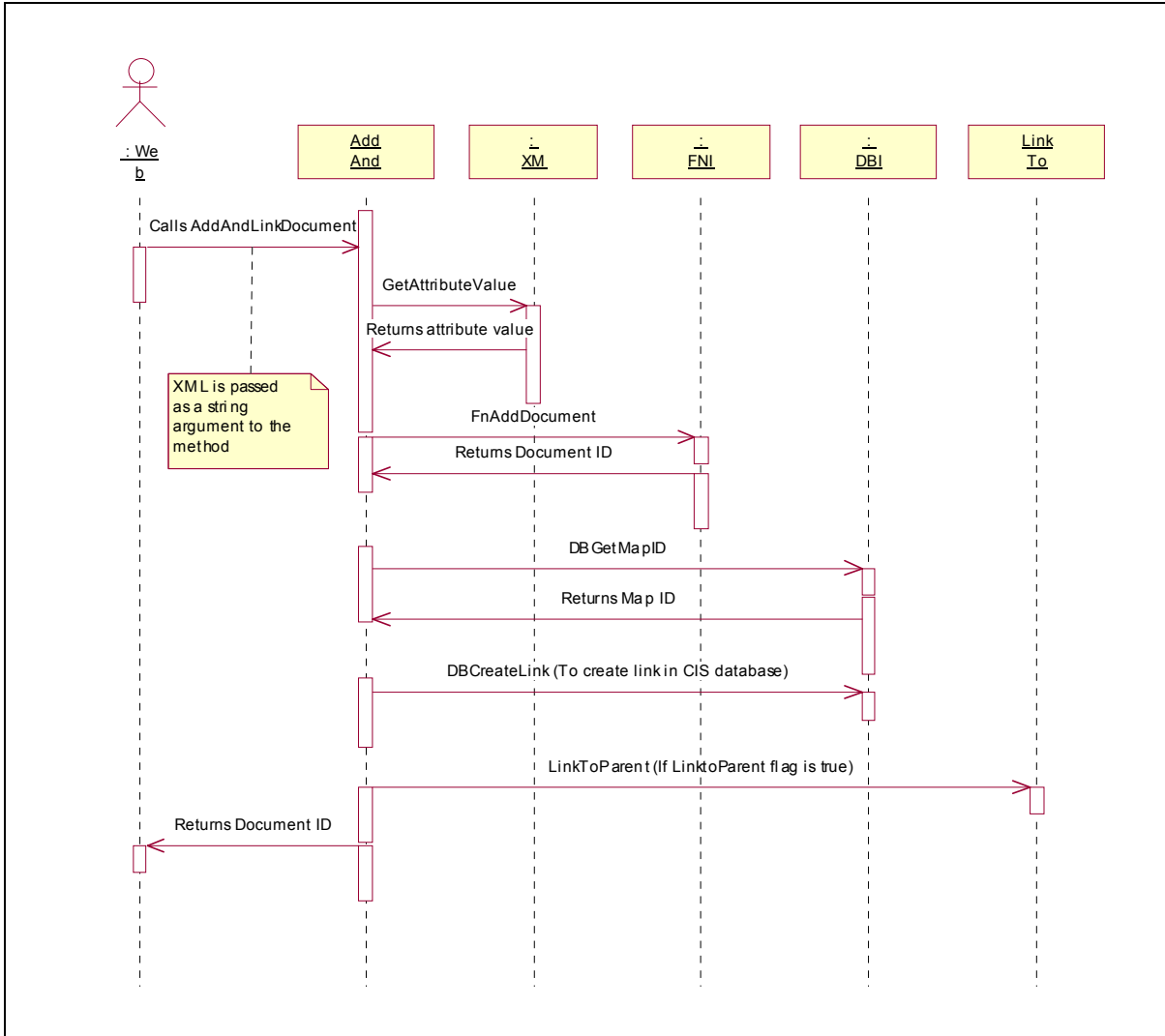
| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | Document ID of the newly added document. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------|---|
| 1 | TxnFailedException | When the document is added successfully in the FileNet library but some error comes |

| | | |
|---|--------------|--|
| | | while creating link in the ACS7 database. |
| 2 | CISException | Errors encountered while adding the document in FileNet library or while creating a link in the ACS7 database. |

Process Flow



Remarks

User must be logged onto the FileNet library in which the user is trying to add the new document.

Example

```

`Create an XML string and store it in a string variable
say a_strXML.
    
```

```

Dim l_strDocID As String
Dim l_objRequestHandler as New RequestHandler()
l_strDocID = l_objRequestHandler.AddAndLinkDocument
(a_strXML)

```

GetConfiguredLibraries

Syntax

```
Public Function GetConfiguredLibraries(ByVal a_nBusCompID As Integer) As String
```

Description

This method returns libraries which are configured in the ACS7 database and which also exist in the FileNet neighborhood.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_nBusCompID | Integer | Business Component ID for which configured Libraries have to be fetched from the ACS7 database. |

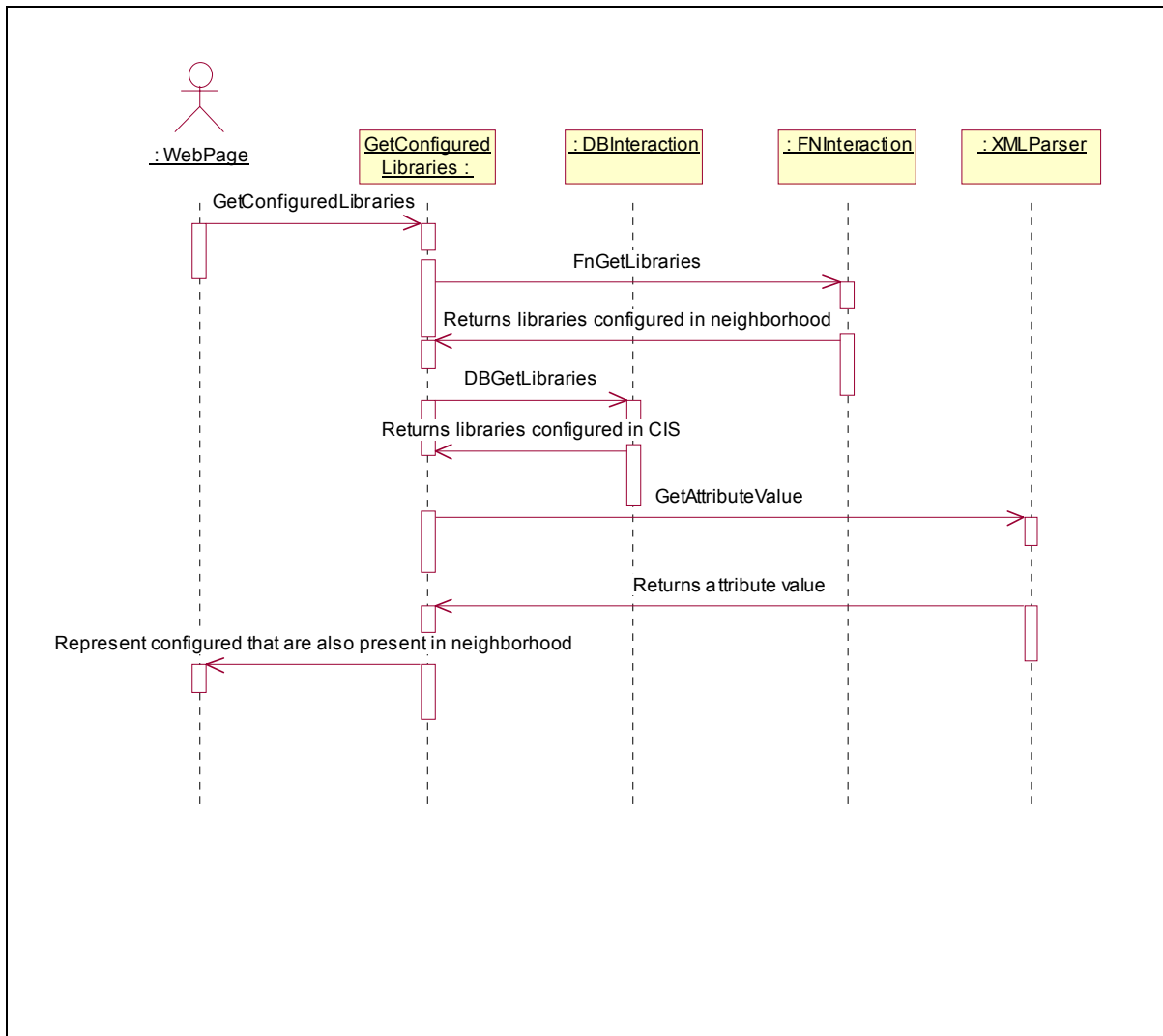
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing the configured libraries having structure as "<ROOT> <LIBRARY LIBRARYNAME="DefaultIMS:Apple:FileNET" LIBRARYID="3" LIBRARYLABEL="Apple" /> <LIBRARY LIBRARYNAME="csdb^fn-test" LIBRARYID="1" LIBRARYLABEL="fn-test" /> <LIBRARY LIBRARYNAME="DefaultIMS:fn_build:FileNET" LIBRARYID="4" LIBRARYLABEL="fn_build" /> <LIBRARY LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" LIBRARYID="2" LIBRARYLABEL="IMGSERV" /> </ROOT>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------------|--|
| 1 | CouldNotFetchLibrariesException | Certain ACS7 exception is encountered while fetching the libraries either from ACS7 database or from FileNet neighborhood. |

Process Flow



Example

```

Dim l_nBusCompID As Integer = 2
Dim l_strConfLibraries as String
Dim l_objRequestHandler as New RequestHandler()
l_strConfLibraries =
l_objRequestHandler.GetConfiguredLibraries (l_nBusCompID)
  
```

GetPropertyXML

Syntax

```
Public Function GetPropertyXML(ByVal a_nDocClassID As Integer, ByVal a_nLibraryID As Integer, ByVal a_nBusCompID As Integer, Optional ByVal a_strRowID As String = vbNullString) As String
```

Description

This function is used to get configured document properties and their values in a XML string

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_nDocClassID | Integer | Document Class Id as stored in ACS7 database. |
| 2 | a_nLibraryID | Integer | Library Id as stored in ACS7 database. |
| 3 | a_nBuscompID | Integer | Business Component ID as stored in ACS7 database. |
| 4 | a_strRowID | String | Siebel RowID. Optional parameter |

Return value

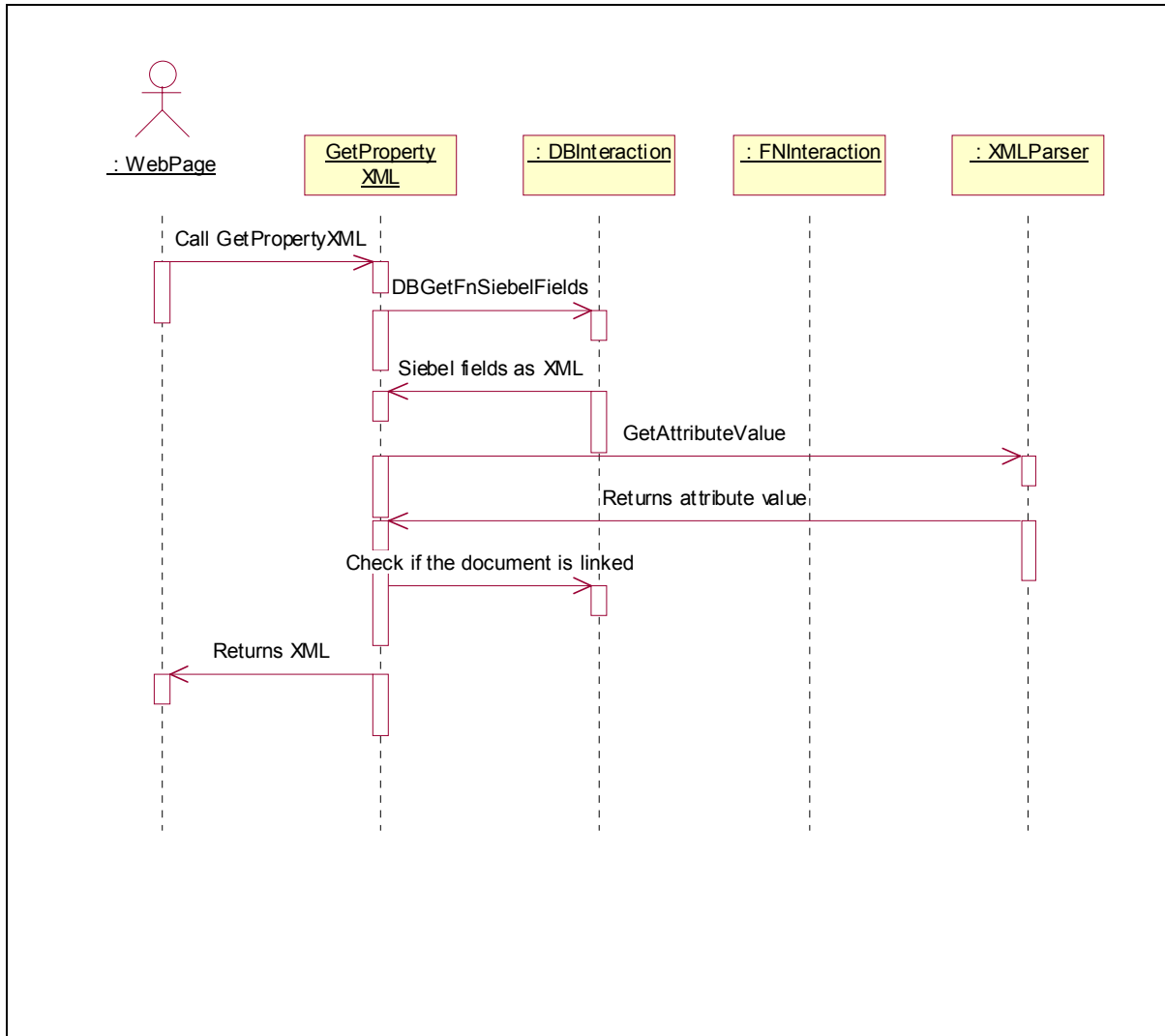
| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing configured Document Properties and their value having structure as <pre>"<ROOT> <PROPERTIES DOCID="185141" Account="Test" Date="3/5/2003" Number="11201" EntryZZZ05Date="3/28/2003" Pages="1" MIMEIMAGEURL="/OpenClient/Images/DocImages/siconfni.gif" CheckedOutURL="Images/spacer.gif" CanCheckOut="FALSE" CanCheckIn="FALSE" CanCancelCheckOut="FALSE" JavaViewRenderable="FALSE" CanModifyProperties="TRUE" /> </ROOT>"</pre> |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When no document class fields are found in ACS7 database |

| | | |
|---|---------------------------|--|
| 2 | DocsNotAvailableException | If no documents are found in FileNet repository. |
|---|---------------------------|--|

Process Flow



Remarks

User must be logged onto the FileNet library for which the user is trying to fetch the Properties.

Example

```

Dim l_strPropertyXML As String
Dim l_nDocClassID As Integer = 2
Dim l_nLibraryID As Integer = 3
Dim l_nBusCompID As Integer = 1
  
```

```

Dim l_strRowID As String = "1-4BK"
Dim l_objRequestHandler as New RequestHandler()
l_strPropertyXML =
l_objRequestHandler.GetPropertyXML(l_nDocClassID,
l_nLibraryID, l_nBusCompID, l_strRowID)

```

GetLinkedLibraries

Syntax

```

Public Function GetLinkedLibraries(ByVal a_nBusCompID As Integer, ByVal
a_strSiebelRowID As String) As String

```

Description

This method returns libraries existing in the FileNet neighborhood whose documents are linked in the FN_CIS_DOCLINKS table of ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_nBuscompID | Integer | Business Component ID as stored in ACS7 database. |
| 2 | a_strSiebelRowID | String | Siebel RowID |

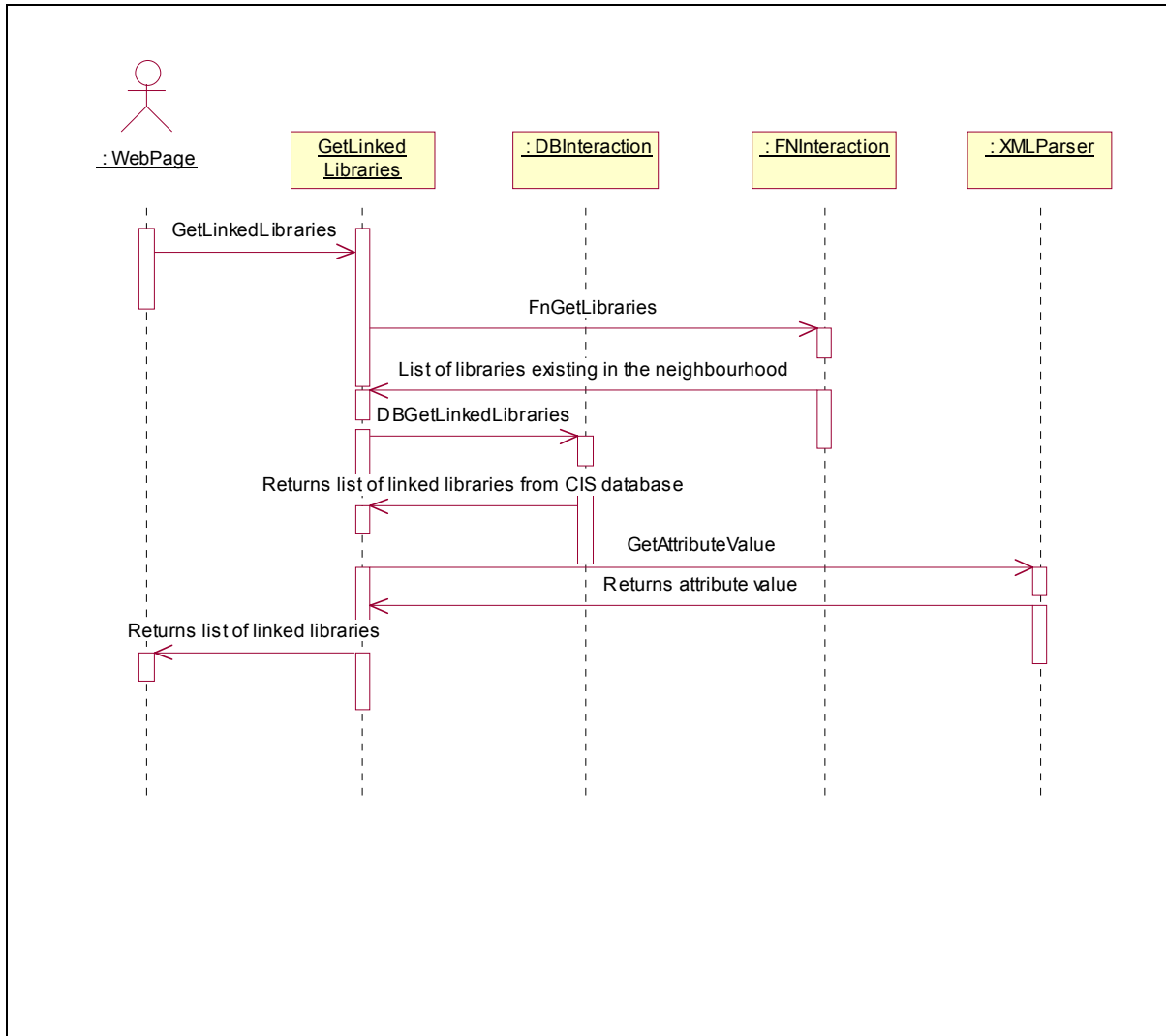
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing the linked libraries having structure as "<ROOT> <LIBRARY LIBRARYNAME="DefaultIMS:Apple:FileNET" LIBRARYID="3" LIBRARYLABEL="Apple" /> <LIBRARY LIBRARYNAME="csdb^fn-test" LIBRARYID="1" LIBRARYLABEL="fn-test" /> <LIBRARY LIBRARYNAME="DefaultIMS:fn_build:FileNET" LIBRARYID="4" LIBRARYLABEL="fn_build" /> <LIBRARY LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" LIBRARYID="2" LIBRARYLABEL="IMGSERV" /> </ROOT>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------------------|---|
| 1 | NoLinkedDocumentFoundException | When no linked libraries are found in ACS7 database for the input Siebel RowID. |

Process Flow



Example

```

Dim l_nBusCompID As Integer = 2
Dim l_strRowID As String= "1-4BK"
Dim l_strLinkedLibraries as String
Dim l_objRequestHandler as New RequestHandler()
  
```

```
l_strLinkedLibraries =
l_objRequestHandler.GetLinkedLibraries(l_nBusCompID,l_str
RowID)
```

GetConfiguredDocClasses

Syntax

```
Public Function GetConfiguredDocClasses(ByVal a_nLibraryID As Integer, ByVal
a_strLibraryName As String, ByVal a_nBusCompID As Integer) As String
```

Description

This method returns Document Classes which are configured in the ACS7 database and which also exist in the FileNet Library.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_nLibraryID | Integer | Library Id as stored in ACS7 database. |
| 2 | a_strLibraryName | String | FileNet library name |
| 3 | a_nBuscompID | Integer | Business Component ID as stored in ACS7 database. |

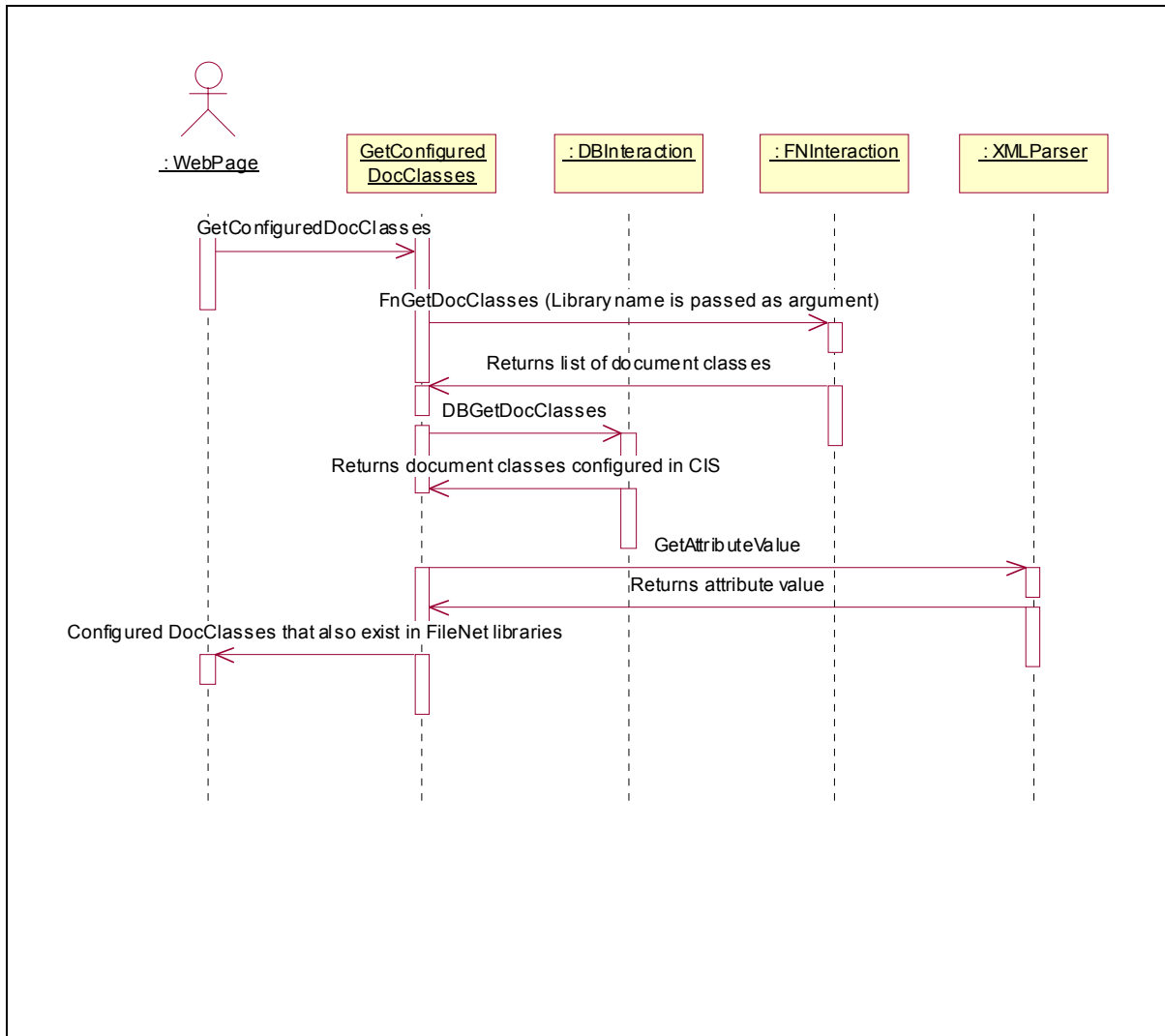
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | XML string containing the configured document classes having structure as "<ROOT> <DOCCLASS DOCCLASSNAME="Account" DOCCLASSID="2" /> <DOCCLASS DOCCLASSNAME="SAP40" DOCCLASSID="8" /> <DOCCLASS DOCCLASSNAME="Service" DOCCLASSID="10" /> </ROOT>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When no document classes are found in ACS7 database for the input FileNet library. |

Process Flow



Remarks

User must be logged onto the FileNet library

Example

```

Dim l_nBusCompID As Integer = 2
Dim l_nLibraryID As Integer = 1
Dim l_strLibraryName As String=
  "DefaultIMS:IMGSERV:FileNet"
Dim l_strConfDocClasses as String
Dim l_objRequestHandler as New RequestHandler()
  
```

```

l_strConfDocClasses =
l_objRequestHandler.GetConfiguredDocClasses(l_nLibraryID,
l_strLibraryName, l_nBusCompID)

```

GetLinkedDocClasses

Syntax

```

Public Function GetLinkedDocClasses(ByVal a_nLibraryID As Integer, ByVal
a_strLibraryName As String, ByVal a_strSiebelRowID As String) As String

```

Description

This method returns document classes existing in the FileNet libraries whose documents are linked in the FN_CIS_DOCLINKS table of ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---------------------------------------|
| 1 | a_nLibraryID | Integer | Library ID as stored in ACS7 database |
| 2 | a_strLibraryName | String | Library name |
| 3 | a_strSiebelRowID | String | Siebel RowID |

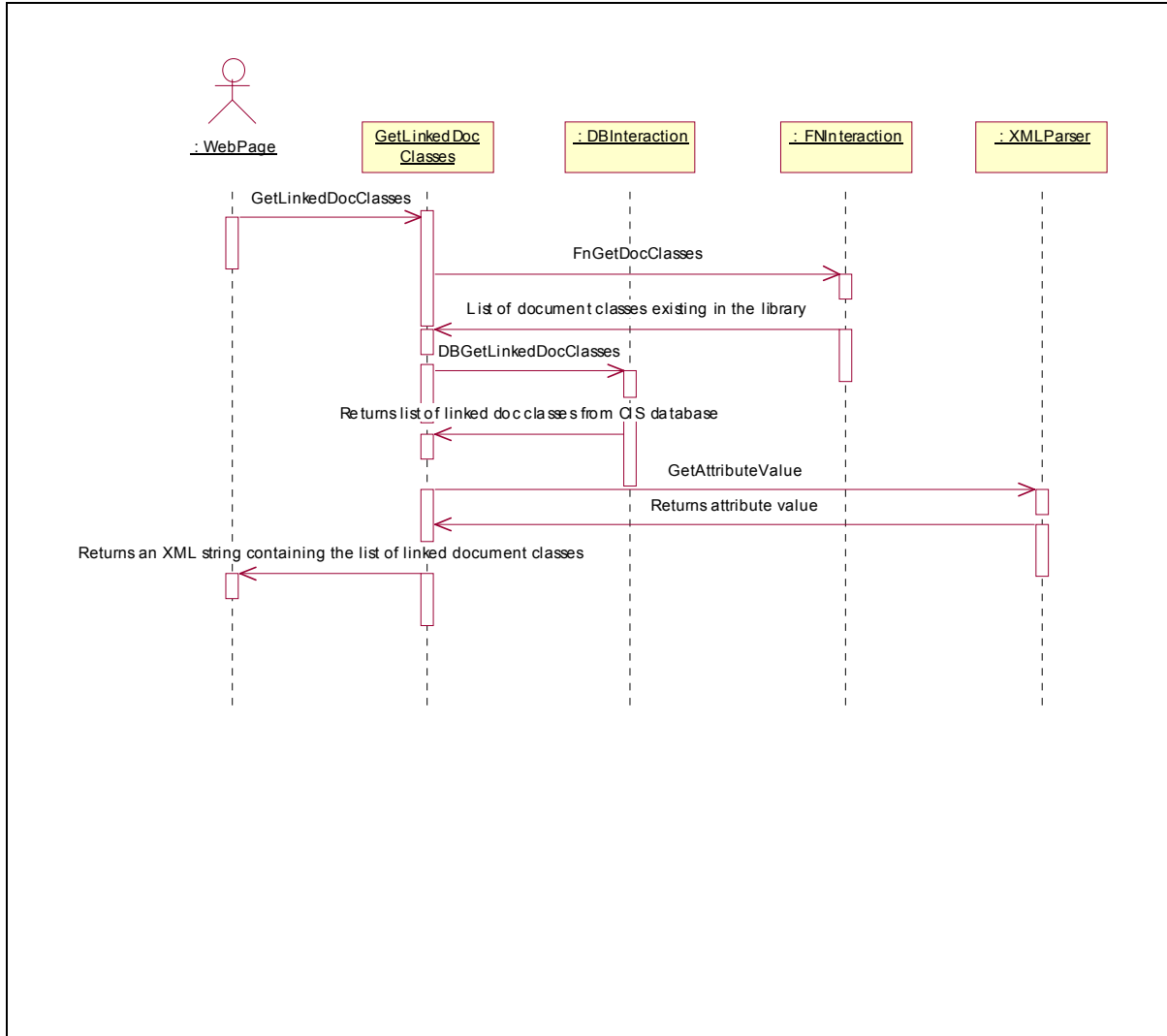
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing the linked document classes having structure as "<ROOT> <DOCCLASS DOCCLASSNAME="Account" DOCCLASSID="2" /> <DOCCLASS DOCCLASSNAME="Service" DOCCLASSID="10" /> </ROOT>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------|--|
| 1 | DocsNotAvailableException | When no linked document classes are found in ACS7 database for the input Siebel RowID. |

Process Flow



Remarks

User must be logged onto the FileNet library

Example

```

Dim l_nLibraryID As Integer = 2
Dim l_strLibraryName As String=
"DefaultIMS:IMGSERV:FileNet"
Dim l_strRowID As String= "1-4BK"

Dim l_strLinkedDocClasses as String
Dim l_objRequestHandler as New RequestHandler()
  
```

```

l_strLinkedLibraries =
l_objRequestHandler.GetLinkedDocClasses (l_nLibraryID,
l_strLibraryName ,l_strRowID)

```

GetFnSiebelFields

Syntax

Public Function GetFnSiebelFields(ByVal a_nLibraryID As Integer, ByVal a_nBusCompID As Integer, Optional ByVal a_nDocClassID As Integer = 0, Optional ByVal a_strPostLogonURL As String = "") As String

Description

This function gets an XML string of the configured Siebel Fields and FileNet fields, from the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|--|
| 1 | a_nLibraryID | Integer | Library ID for which configured fields have to be fetched. |
| 2 | a_nBusCompID | Integer | Business Component ID for which configured fields have to be fetched. |
| 3 | a_nDocClassID | Integer | Document class ID for which configured fields have to be fetched. Optional parameter |
| 4 | a_strPostLogonURL | String | Optional parameter. Used only when the function is called from Configure Linkrules table screen of ACS7 Database configuration |

Return value

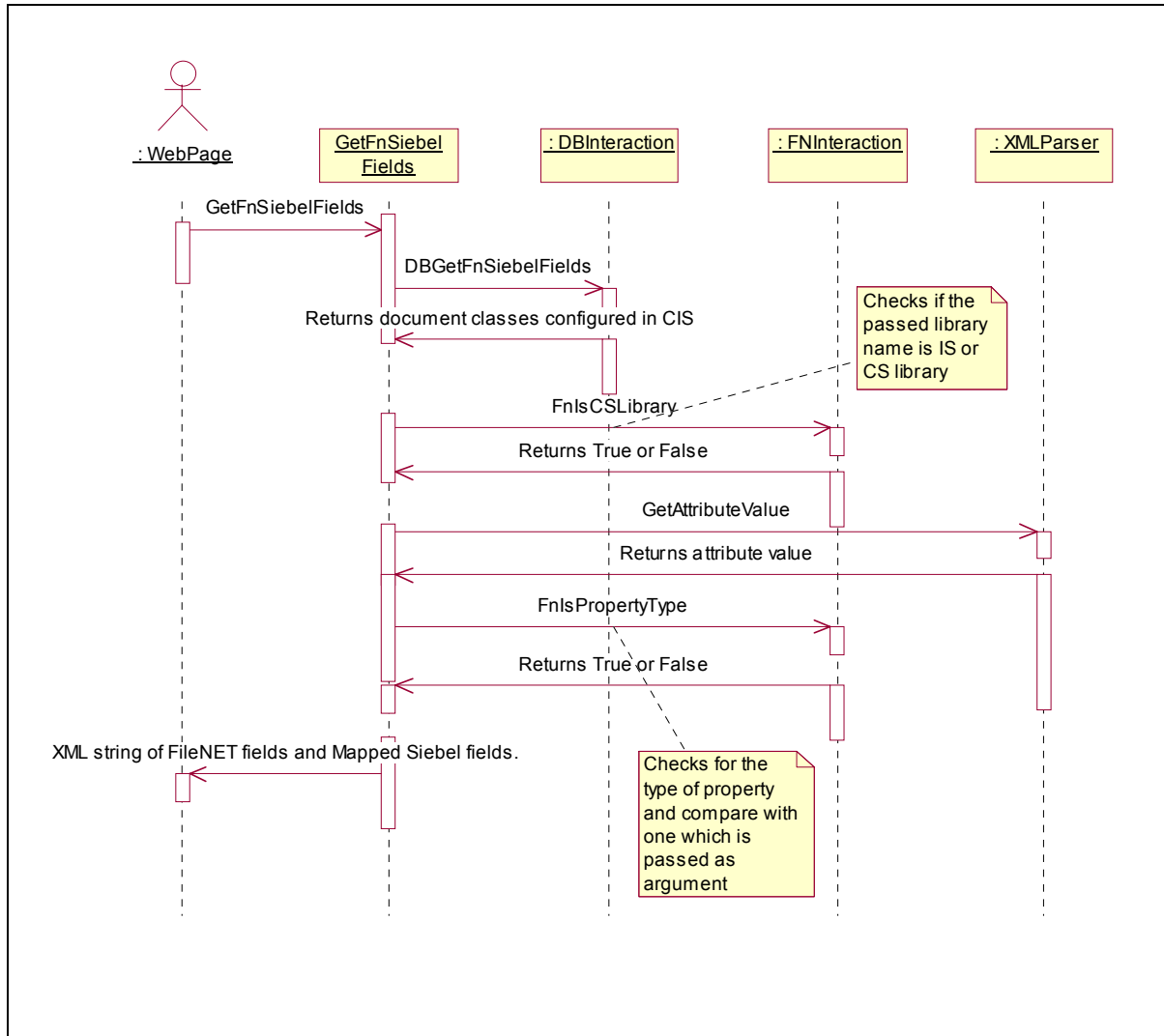
| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string of FileNet fields and Mapped Siebel fields from the ACS7 database having structure as "<NewDataSet> <CIS DOCCLASSID="2" DOCCLASSNAME="Account" LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" BUSCOMPID="2" BUSCOMP="Service Request" |

| | | |
|--|--|--|
| | | <pre> BUSOBJECT="Service Request" DOCCLASSFIELDID="2" DOCCLASSFIELDNAME="Account" DOCCLASSFIELDLABEL="Account" VALUEREQUIRED="Y" CANBEDISPLAYED="Y" CANBEINDEXED="Y" CANBEQUERIED="Y" BUSCOMPFIELDID="4" BUSCOMPFIELDNAME="Account" BUSCOMPFIELDLABEL="Account" /> </NewDataSet> </pre> |
|--|--|--|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | When no mapped fields are found in the ACS7 database. |

Process Flow



Example

```

Dim l_nLibraryID As Integer = 2
Dim l_nBusCompID As Integer = 3
Dim l_strMappedFields as String
Dim l_objRequestHandler as New RequestHandler()
l_strMappedFields
=l_objRequestHandler.GetFnSiebelFields(l_nLibraryID,
l_nBusCompID)

```

SearchLibraries**Syntax**

```
Public Function SearchLibraries(ByVal a_strXML As String) As String
```

Description

This function calls FNSearchLibraries method of FNInteraction class, to get the documents based on the input search criteria.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string containing the search criteria As "<ROOT> <LIBRARY LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" LIBRARYID="2" CONTENT="" SEARCHOPERATOR="And" SEARCHFOR=""><SEARCH FIELDNAME="SRNumber" OPERATOR="=" FIELDVALUE="1-1201" /> </LIBRARY> </ROOT>" |

Return value

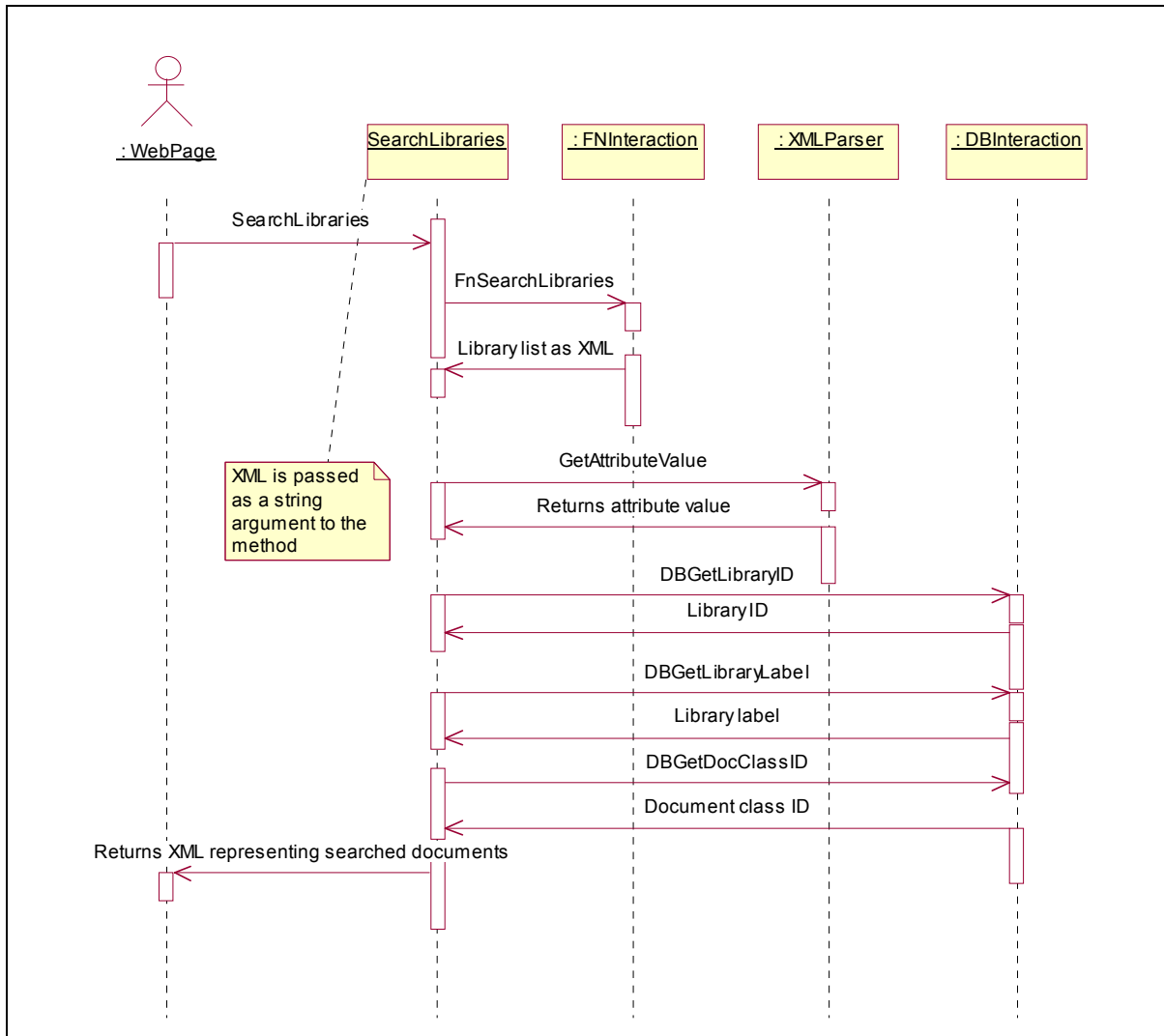
| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing the search results having structure as "<ROOT> |

| | | |
|--|--|---|
| | | <pre> <NEWDATASET> <CIS DOCID="402912" DOCCLASSNAME="Service" ENTRYDATE="2003-03- 22T00:00:00.0000000+05:30" PAGES="1" LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" LIBRARYID="2" LIBRARYLABEL="IMGSERV" DOCCLASSID="10" /> <CIS DOCID="402921" DOCCLASSNAME="Service" ENTRYDATE="2003-03- 22T00:00:00.0000000+05:30" PAGES="1" LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" LIBRARYID="2" LIBRARYLABEL="IMGSERV" DOCCLASSID="10" /> </NEWDATASET> </ROOT> </pre> |
|--|--|---|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------------|---|
| 1 | NoSearchedResultsFoundException | When no search results are found for the input search criteria. |

Process Flow



Remarks

User must be logged onto the FileNet library

Example

```

Dim l_strSearchResultXML as String
Dim l_objRequestHandler as New RequestHandler()
l_strSearchResultXML =l_objRequestHandler.SearchLibraries
(a_strXML)
  
```

GetSiebelFieldValues

Syntax

Public Function GetSiebelFieldValues(ByVal a_strXML As String) As String

Description

This function returns Siebel field values for the field names that are present in the XML string.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strXML | String | XML string As "<CIS LIBRARYID="2" DOCCLASSNAME="Service" DOCCLASSID="10" BUSCOMP="Service Request" BUSCOMPID="2" BUSOBJECT="Service Request" ROWID="1-XD" />" |

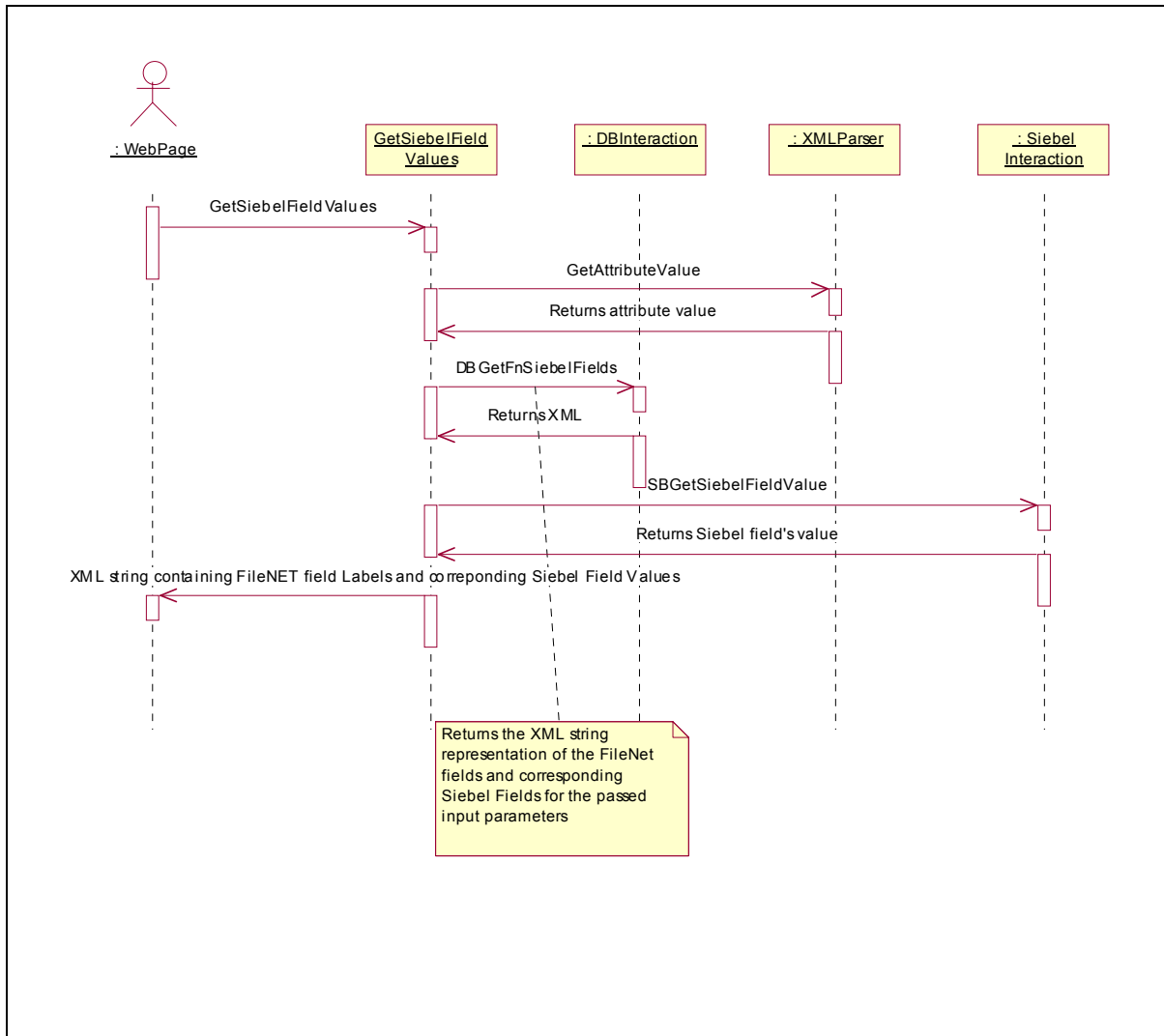
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing FileNet field Labels and corresponding Siebel Field Values having structure as "<PROPERTIES SRNumber="1-1201" Account="" DateOpened="03/26/2003 04:52:29" />" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|--|
| 1 | CISException | When no map fields are found in ACS7 database for the LibraryID, DocClassID and BusCompID that are present in the XML string that is passed as an input parameter. |

Process Flow



Example

```

`Create an XML string and store it in a string variable
l_strSiebelFieldsXML as defined above

Dim l_strSiebelFieldValues as String
Dim l_objRequestHandler as New RequestHandler()

l_strSiebelFieldValues =
l_objRequestHandler.GetSiebelFieldValues(l_strSiebelField
sXML)
  
```

UpdateDocument

Syntax

Public Sub UpdateDocument(ByVal a_strXML As String)

Description

This function is used to update the Document Properties in the FileNet Library with the document properties as specified in the input XML string.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|--|
| 1 | a_strXML | String | XML string As "<CIS LIBRARYNAME="DefaultIMS:IMGSERV:FileNET" DOCCLASSNAME="Account" DOCCLASSID="2" BUSCOMP="Service Request" BUSCOMPID="2" BUSOBJECT="Service Request" ROWID="1-XD"> <PROPERTIES LINKSTATUS="LINK" DOCID="435752" ZZZ06Account="SysAdmin" ZZZ06City="SysAdmin" Phone="" Country="" AccountType="" EntryZZZ05Date="3/27/2003" /> </CIS>" |

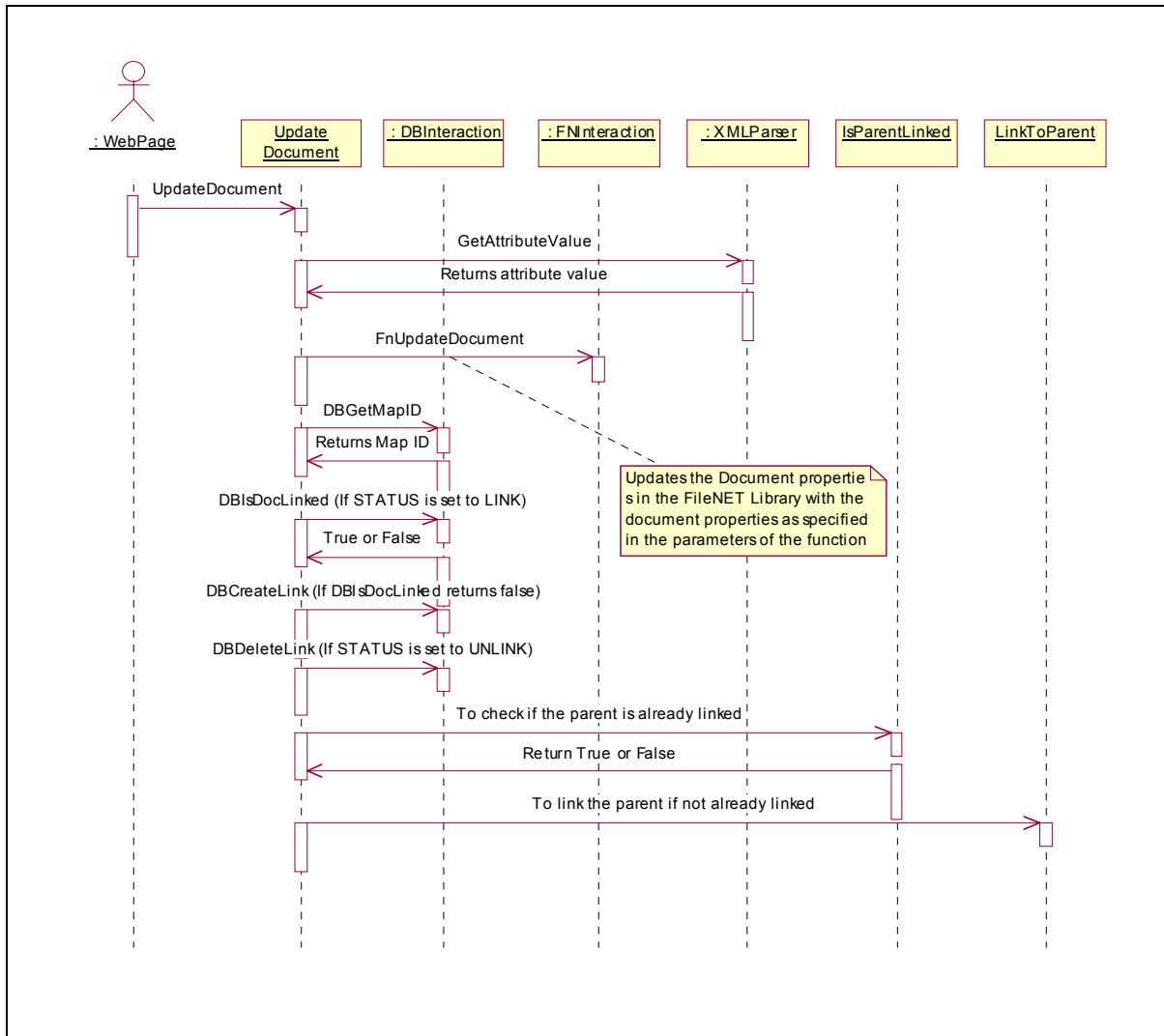
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------|--|
| 1 | TxnFailedException | When certain ACS7 database related errors are encountered. |

Process Flow



Example

```

`Create an XML string and store it in a string variable
l_strUpdateXML

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.UpdateDocument(l_strUpdateXML)

```

GetStoredSearchXML

Syntax

```

Public Function GetStoredSearchXML(ByVal a_nLibraryID As Integer, ByVal
a_nBusCompID As Integer, Optional ByVal a_strRowID As String = vbNullString) As String

```

Description

This method fetches the XML string containing the properties of the stored searches.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---------------|
| 1 | a_nLibraryID | Integer | Library ID |
| 2 | a_nBusCompID | Integer | Buscomp ID |
| 3 | a_strRowID | String | Siebel Row ID |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | XML string containing the properties of the Stored Searches as "<ROOT><PROPERTIES DOCID="003670001" LINKSTATUS="LINK" Title="MySearch" SearchZZZ05Type="Stored Search" CurrentZZZ05VersionZZZ05Author="Admin" MIMEIMAGEURL="/OpenClient/CIS/Images/sstoredsrch.gif" CurrentZZZ05VersionZZZ05Date="7/22/2002 4:19:08 PM" CanModifyProperties="FALSE" /><PROPERTIES DOCID="003670007" LINKSTATUS="LINK" Title="MySearch" SearchZZZ05Type="Stored Search Template" CurrentZZZ05VersionZZZ05Author="Admin" MIMEIMAGEURL="/OpenClient/CIS/Images/sstoredsrchtempl.gif" CurrentZZZ05VersionZZZ05Date="7/23/2002 9:39:45 AM" CanModifyProperties="FALSE" /></ROOT>" |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|---------------------------|-----------------------------|
| 1 | DocsNotAvailableException | When no documents are found |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_nLibraryId as Integer = 234564
Dim l_nBusCompId as Integer = 658974
Dim l_strRowID as String = "100001"
Dim l_strXML as string = ""
L_strXML = l_objRequestHandler.GetStoredSearchXML(l_nLibraryId , l_nBusCompId
, l_strRowID)
```

CreateAndLinkStoredSearch

Syntax

```
Public Function CreateAndLinkStoredSearch(ByVal a_strLibraryName As String, ByVal a_strSQL As String, ByVal a_strRowID As String) As String
```

Description

This method saves the stored search in the library and creates a link in the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--|
| 1 | a_strLibraryName | String | Name of the library. |
| 2 | a_strSQL | String | SQL statement string to be saved in ADOCommandText property of the stored search object. |
| 3 | a_strRowID | String | Siebel RowID |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|----------------------------------|
| 1 | String | ID of the stored search created. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|--------------------|--|
| 1 | TxnFailedException | When an error occurs in a DataBase Transaction |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strSQL As String = "LIBRARY = DefaultIMS:IMGSERV:FileNET KEY
CONDITION Account = 'Account'"
Dim I_strRowID As String = "100001"
Dim I_strDocID As string =
I_objRequestHandler.CreateAndLinkStoredSearch(I_strLibraryName, a_strSQL,
a_strRowID)
```

ArchiveLinks

Syntax

```
Public Function ArchiveLinks(ByVal a_strLibraryName As String) As Long
```

Description

This method saves the stored search in the library and creates a link in the ACS7 database.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|----------------------|
| 1 | a_strLibraryName | String | Name of the library. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--------------------------|
| 1 | Long | Number of Links Archived |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_nLinks As Long = I_objRequestHandler.ArchiveLinks(a_strLibraryName)
```

Other Interactions

ShowAddDocumentPage

Syntax

```
Public Sub ShowAddDocumentPage()
```

Description

This method is used to redirect to Add Documents page from Security settings page. This method is not called when the Add Documents page has to be loaded for the first time.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

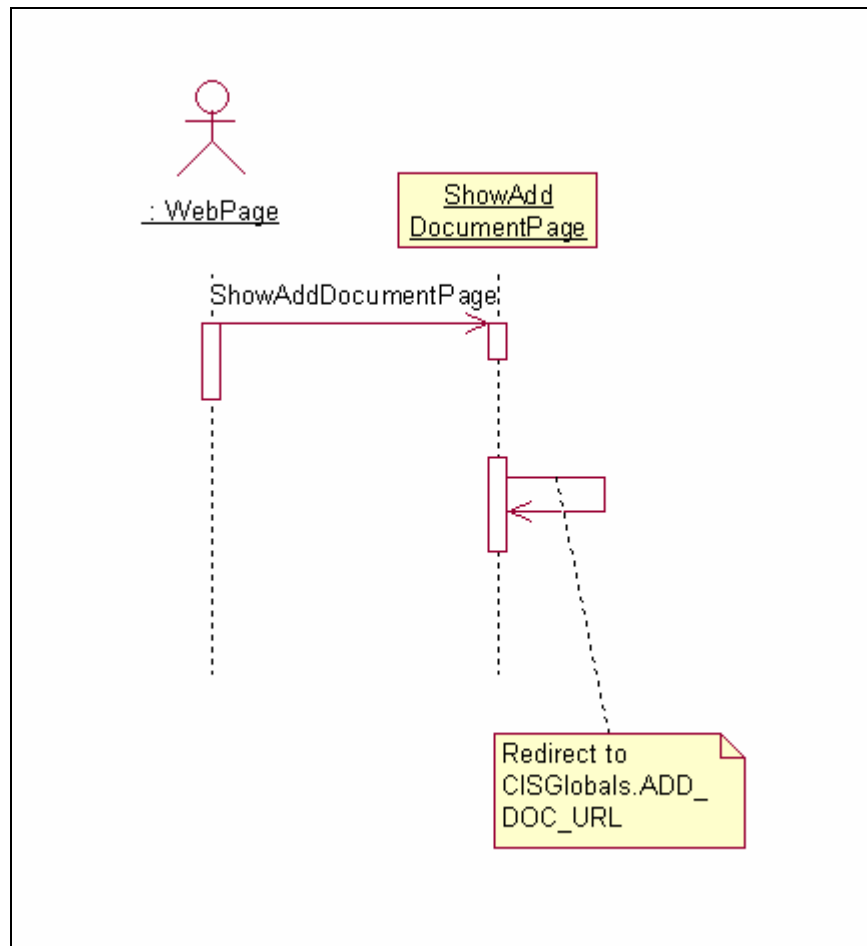
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Process Flow



Example

```
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.ShowAddDocumentPage ()
```

ShowSearchedResultPage**Syntax**

```
Public Shared Sub ShowSearchedResultPage ()
```

Description

This method is used to redirect to Search Results page from Search page.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

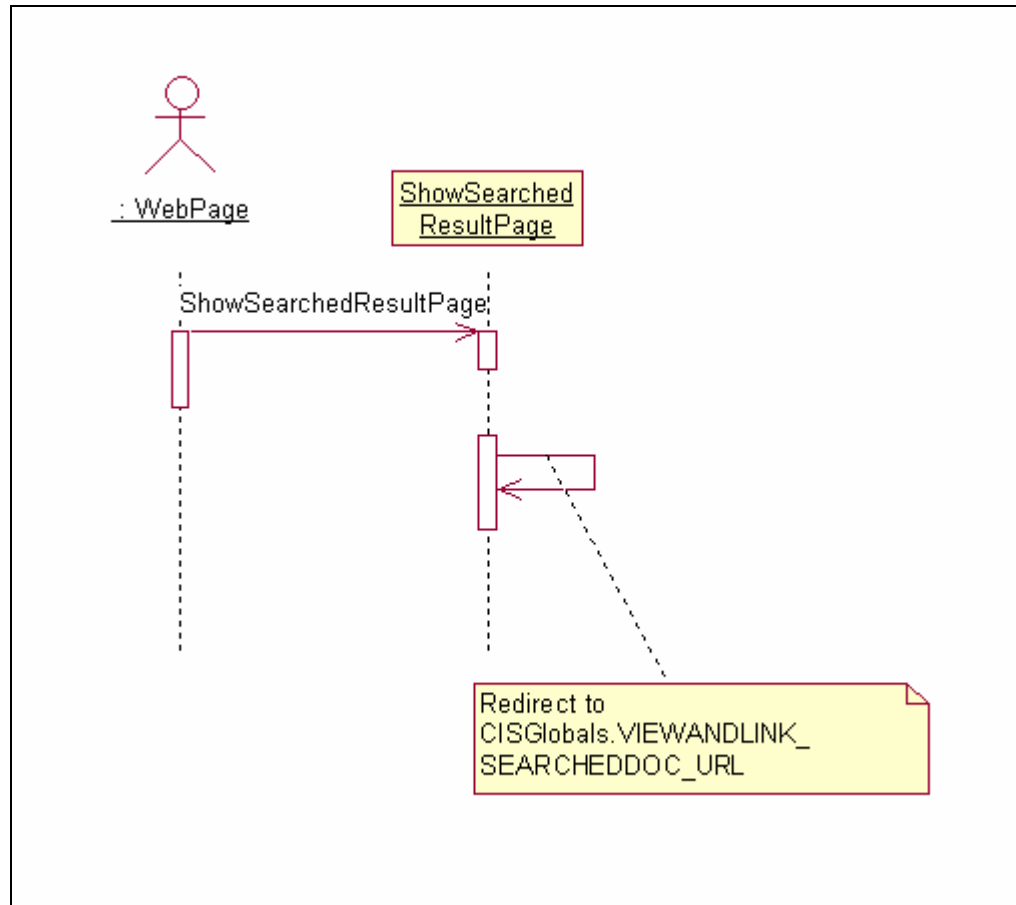
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Process Flow



Example

```

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler. ShowSearchedResultPage ()
  
```

ShowErrorPage

Syntax

```

Public Sub ShowErrorPage(ByVal a_objCISException As CISException, Optional ByVal a_strLogText As String = "")
  
```

Description

This method is used to redirect to the ACS7 error page when some critical error occurs.

Input parameters

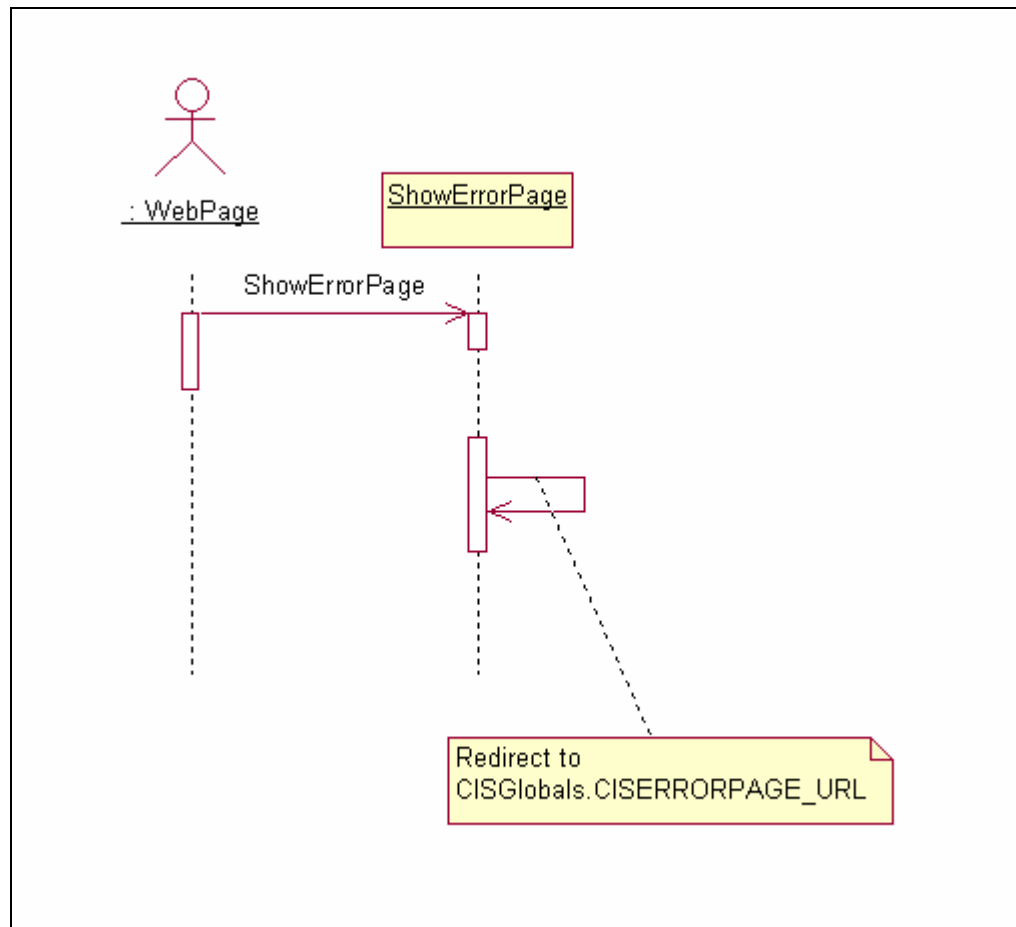
| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|--------------|--|
| 1 | a_objCISException | CISException | Object of CISException class |
| 2 | a_strLogText | String | Text, which has to be logged in the ACS7 error log file. Optional parameter. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Process Flow

Example

```
Dim l_objCISException as New CISException()
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler. ShowErrorPage (l_objCISException)
```

ShowSearchPage**Syntax**

```
Public Shared Sub ShowSearchPage ()
```

Description

This method is used to redirect to Search page. Before calling this method set the value of session variables which are Siebel RowID (CISGlobals.SES_ROW_ID), Business Component Name (CISGlobals.SES_BUSCOMP_NAME) and Business Object Name (CISGlobals.SES_BUS_OBJECT_NAME).

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

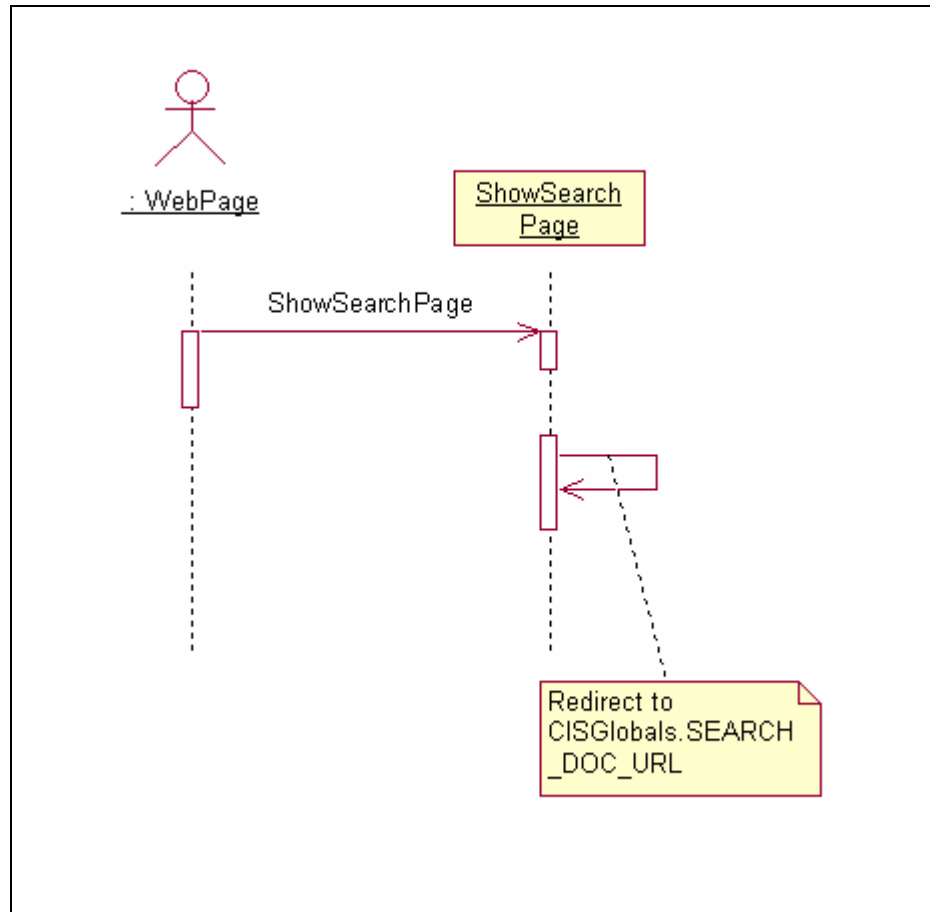
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Process Flow

**Example**

```

Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.ShowSearchPage ()
  
```

GetIDMViewPage**Syntax**

```

Public Function GetIDMViewPage(ByVal a_strDocID As String, ByVal a_strDocClassname
As String, ByVal a_strLibraryName As String) As String
  
```

Description

This function checks if the user has rights to View the document, and if the user has sufficient rights to view the document it returns the name of the View Page from CISGlobals class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | Document ID |
| 2 | a_strDocClassName | String | Name of the Document Class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

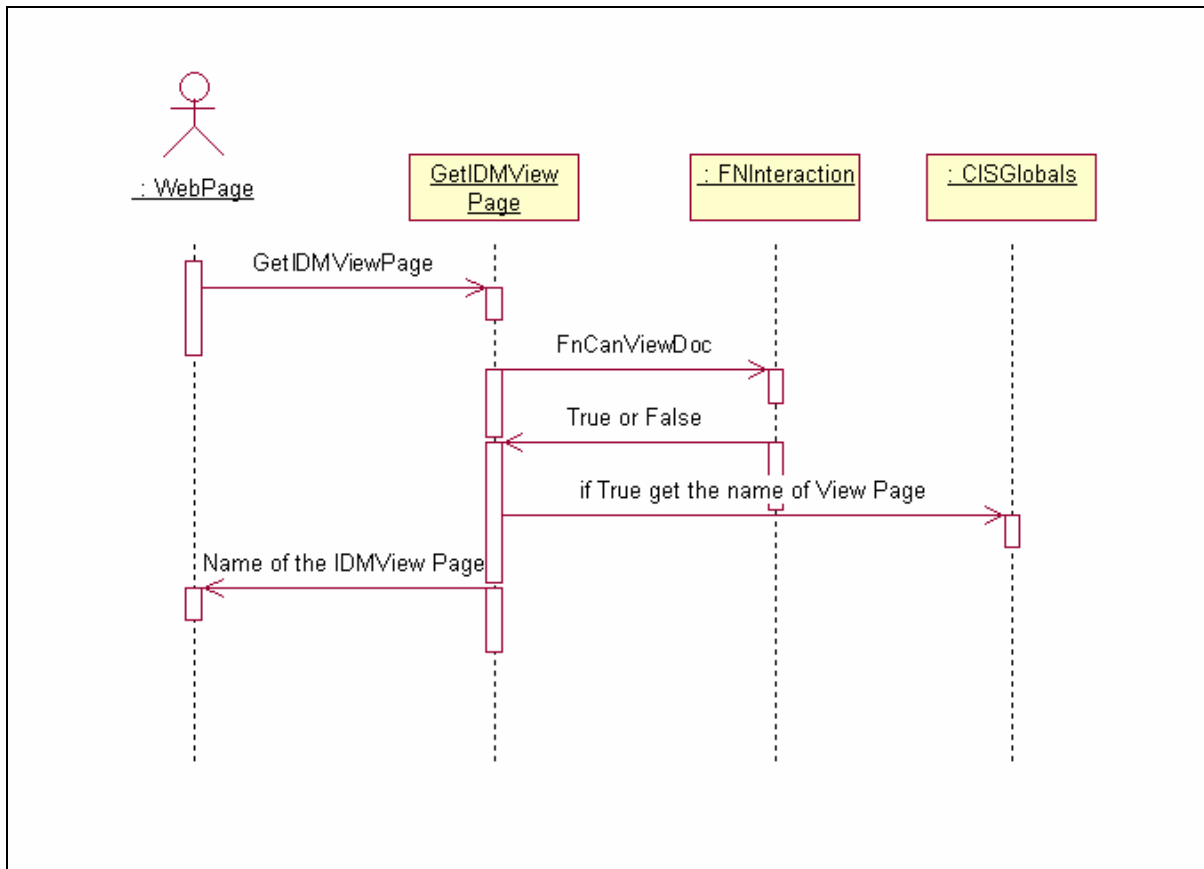
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | URL of the IDM View Page that is fetched from CISGlobals class. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-----------------------------|---|
| 1 | InsufficientRightsException | When the user does not have sufficient rights to view the document. |

Process Flow



Remarks

User must be logged onto the FileNet library

Example

```
Dim l_strIDMViewPage as String
Dim l_strDocID as String = "100001"
Dim l_strDocClass as String = "Account"
Dim l_strLibraryName as String =
"DefaultIMS:IMGSERV:fileNet"
Dim l_objRequestHandler as New RequestHandler()
l_strIDMViewPage =l_objRequestHandler.GetIDMViewPage
(l_strDocID, l_strDocClassName,l_strLibraryName)
```

GetNativeViewPage**Syntax**

```
Public Function GetNativeViewPage (ByVal a_strDocID As String, ByVal
a_strDocClassname As String, ByVal a_strLibraryName As String) As String
```

Description

This function checks if the user has rights to View the document, and if the user has sufficient rights to view the document it returns the name of the Native Viewer Page from CISGlobals class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | Document ID |
| 2 | a_strDocClassName | String | Name of the Document Class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

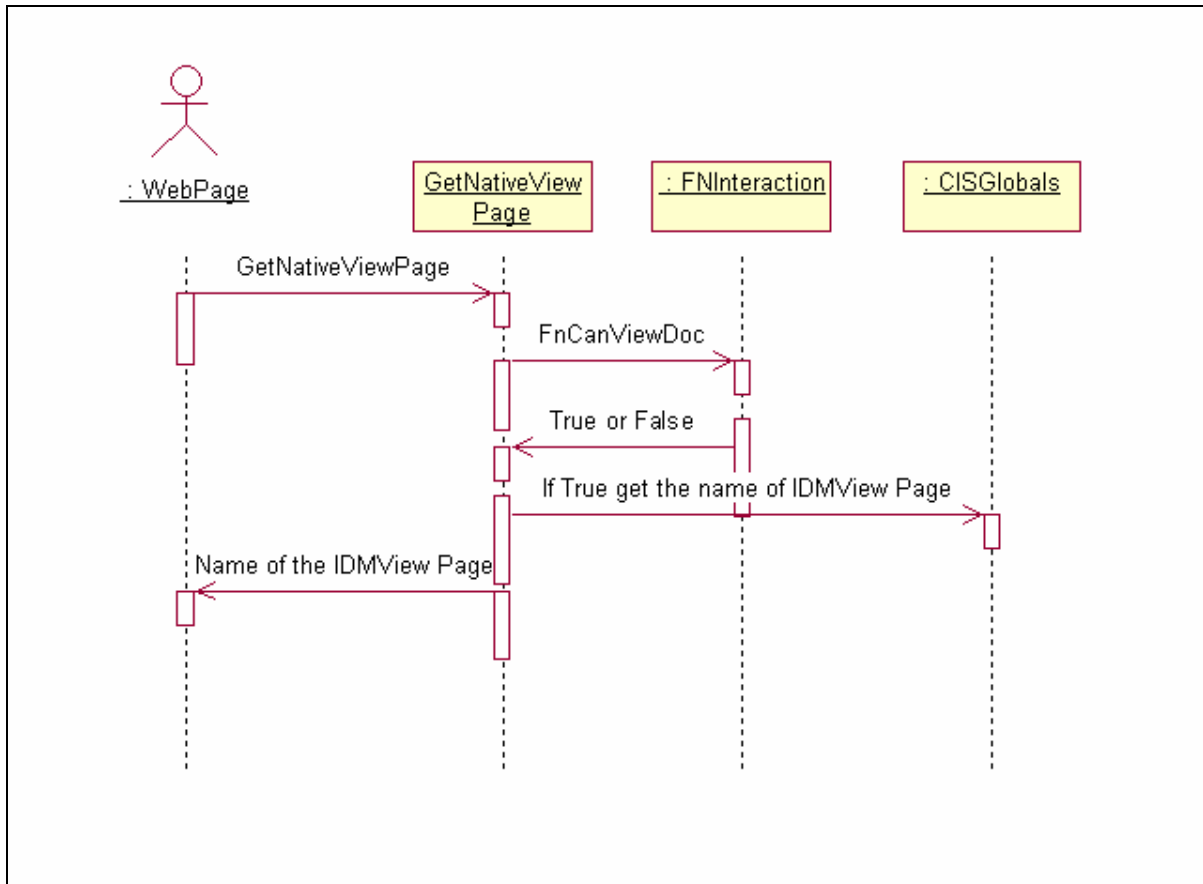
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | URL of the Native Viewer Page that is fetched from CISGlobals class. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-----------------------------|---|
| 1 | InsufficientRightsException | When the user does not have sufficient rights to view the document. |

Process Flow



Remarks

User must be logged onto the FileNet library

Example

```

Dim l_strNativeViewPage as String
Dim l_strDocID as String = "100001"
Dim l_strDocClass as String = "Account"
Dim l_strLibraryName as String =
  "DefaultIMS:IMGSERV:fileNet"
  
```

```

Dim l_objRequestHandler as New RequestHandler()
l_strNativeViewPage
=l_objRequestHandler.GetNativeViewPage (l_strDocID,
l_strDocClassName,l_strLibraryName)

```

GetJAVAViewPage

Syntax

```

Public Function GetJAVAViewPage (ByVal a_strDocID As String, ByVal
a_strDocClassname As String, ByVal a_strLibraryName As String) As String

```

Description

This function checks if the user has rights to View the document, and if the user has sufficient rights to view the document it returns the name of the Java Viewer Page from CISGlobals class.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strDocID | String | Document ID |
| 2 | a_strDocClassName | String | Name of the Document Class |
| 3 | a_strLibraryName | String | Name of the FileNet library |

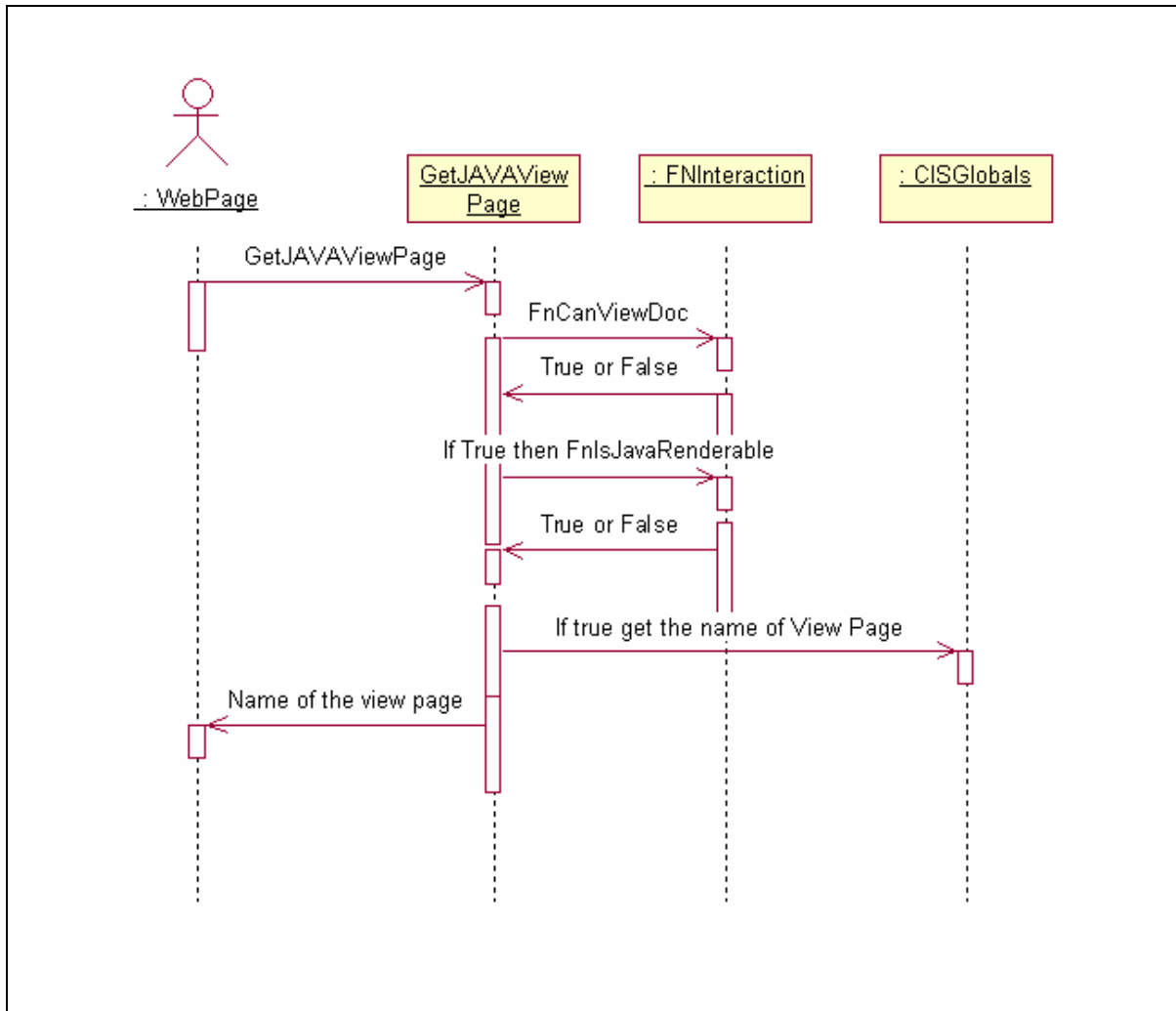
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--|
| 1 | String | URL of the Java Viewer Page that is fetched from CISGlobals class. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-----------------------------|---|
| 1 | InsufficientRightsException | When the user does not have sufficient rights to view the document. |

Process Flow



Remarks

User must be logged onto the FileNet library

Example

```

Dim l_strJavaViewPage as String
Dim l_strDocID as String = "100001"
Dim l_strDocClass as String = "Account"
Dim l_strLibraryName as String =
"DefaultIMS:IMGSERV:fileNet"
Dim l_objRequestHandler as New RequestHandler()
l_strJavaViewPage =l_objRequestHandler.GetJavaViewPage
(l_strDocID, l_strDocClassName,l_strLibraryName)
  
```


ShowSecurityPage

Syntax

```
Public Shared Sub ShowSecurityPage(ByVal a_strLibraryName As String, ByVal
a_strDocClass As String, ByVal a_strReturnURL As String, Optional ByVal a_strDocID As
String = "")
```

Description

This method is used for opening the Security properties page for the input Document Id

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|--|
| 1 | a_strLibraryName | String | Library name |
| 2 | a_strDocClass | String | Document Class name |
| 3 | a_strReturnURL | String | URL of the page that will be shown if the user returns from the security page. |
| 4 | a_strDocID | String | Document ID. Optional parameter. |

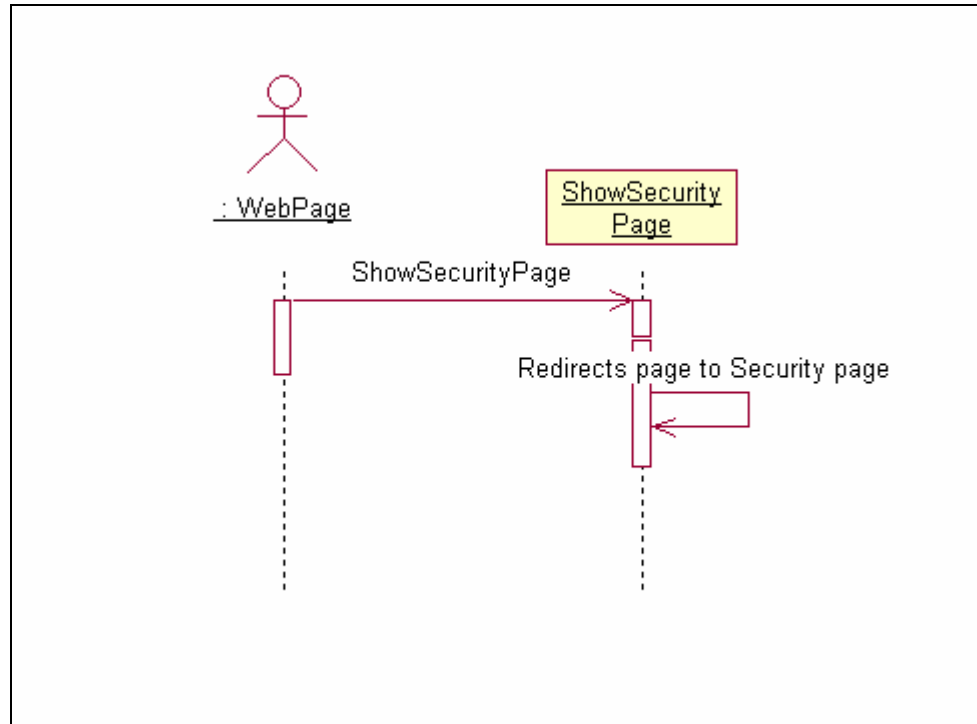
Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Process Flow

**Remarks**

User must be logged onto the FileNet library

Example

```

Dim l_strDocID As String = "100001"
Dim l_strLibraryName As String=
"DefaultIMS:IMGSERV:FileNet"
Dim l_strReturnURL As String= "ViewLinkedDocs.aspx"
Dim l_strDocClass As String = "Account"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.ShowSecurityPage (l_strLibraryName ,
l_strDocClass,l_strRetrunURL, l_strDocID)
  
```

ShowGeneralPropertiesPage**Syntax**

```
Public Sub ShowGeneralPropertiesPage (ByVal a_strLibraryName As String)
```

Description

This function is used to navigate to the general properties page of the library that is passed as an input parameter.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.ShowGeneralPropertiesPage(l_strLibrary)
```

ShowSecurityPropertiesPage

Syntax

```
Public Shared Sub ShowSecurityPropertiesPage (ByVal a_strLibraryName As String ,
ByVal a_strDocClassname As String, ByVal a_strDocID As String , ByVal a_strReturnURL
As String)
```

Description

This function is used to navigate to the security properties page for the input Document ID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|-----------------------------|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strDocID | String | ID of the document |

| | | | |
|---|----------------|--------|--|
| 4 | a_strReturnURL | String | URL of the page, which will be displayed when the user returns from the properties page. |
|---|----------------|--------|--|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_strDocID As String = "1000003"
Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strReturnURL As String = "ReturnPage.aspx"
RequestHandler.ShowSecurityPropertiesPage(l_strLibrary
,l_strDocClass,l_strDocID ,l_strReturnURL)
```

ShowCustomPropertiesPage**Syntax**

```
Public Shared Sub ShowCustomPropertiesPage ()
```

Description

This function is used to navigate to the custom properties page.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
RequestHandler.ShowCustomPropertiesPage()
```

ShowDownloadForm**Syntax**

```
Public Shared Sub ShowDownloadForm(ByVal a_strLibraryName As String , ByVal a_strDocClassname As String, ByVal a_strDocID As String , ByVal a_strReturnURL As String)
```

Description

This function is used to navigate to the download page for the input Document ID.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|--|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strDocClassName | String | Name of the document class |
| 3 | a_strDocID | String | ID of the document |
| 4 | a_strReturnURL | String | URL of the page, which will be displayed when the user returns from the download page. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```
Dim l_strDocID As String = "1000003"
```

```

Dim l_strDocClass As String = "Account"
Dim l_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strReturnURL As String = "ReturnPage.aspx"
Dim l_objRequestHandler as New RequestHandler()
l_objRequestHandler.ShowDownloadForm(l_strLibrary
,l_strDocClass,l_strDocID ,l_strReturnURL)

```

ShowChangePasswordPage

Syntax

```

Public Sub ShowChangePasswordPage (ByVal a_strLibraryName As String , ByVal
a_strLibraryLabel As String, ByVal a_strUserName As String, ByVal a_strShowMsg As
String)

```

Description

This function is used to navigate to the FileNet change password page for the FileNet library that is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-------------------|-----------|---|
| 1 | a_strLibraryName | String | Name of the FileNet library |
| 2 | a_strLibraryLabel | String | Label of the FileNet library |
| 3 | a_strUserName | String | User Name |
| 4 | a_strShowMsg | String | If True, then Password expired message will be displayed on the <i>Change Password</i> screen else not. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|---|
| 1 | CISException | Certain FileNet related errors are encountered. |

Example

```

Dim l_strUserName As String = "SysAdmin"

```

```

Dim l_strLibraryName As String =
"DefaultIMS:IMGSERV:FileNet"

Dim l_strLibraryLabel As String = "IMGSERV"

Dim l_strShowMsg As String = "True"

Dim l_objRequestHandler as New RequestHandler()

l_objRequestHandler.ShowChangePasswordPage(l_strLibraryName,
l_strLibraryLabel,l_strUserName,l_strShowMsg)

```

ShowCreateStoredSearchForm

Syntax

```
Public Sub ShowCreateStoredSearchForm(ByVal a_strReturnURL As String)
```

Description

This method navigates to the create new stored searches.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|----------------|-----------|-----------------------|
| 1 | a_strReturnURL | String | URL of the back page. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```

Dim l_strSearchDocURL As String = "SearchDocuments.aspx"

Dim l_objRequestHandler as New RequestHandler()

l_objRequestHandler.ShowCreateStoredSearchForm(l_strSearchDocURL)

```

ShowStoredSearchResultPage

Syntax

Public Shared Sub ShowStoredSearchResultPage()

Description

This method navigates to the search result page of stored searches.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
I_objRequestHandler.ShowStoredSearchResultPage()
```

ShowSSSecurityPropertiesPage

Syntax

```
Public Shared Sub ShowSSSecurityPropertiesPage(ByVal a_strLibrary As String, ByVal
a_strItemID As String, ByVal a_strReturnURL As String)
```

Description

This function is used to redirect to the Security Properties Page of the Stored Search.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strLibraryName | String | Name of the library where the stored search is stored template. |
| 2 | a_strItemID | String | ID of the stored search template. |

| | | | |
|---|----------------|--------|----------------------------------|
| 3 | a_strReturnURL | String | Stores URL of the previous page. |
|---|----------------|--------|----------------------------------|

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objRequestHandler as New RequestHandler()
Dim l_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim l_strItemID As String = "100001"
Dim l_strReturnURL as String = "SSGeneralProperties.aspx"
l_objRequestHandler.ShowSSSecurityPropertiesPage (l_strLibraryName,
l_strItemID, l_strReturnURL)
```

ShowSSGeneralPropertiesPage**Syntax**

```
Public Sub ShowSSGeneralPropertiesPage(ByVal a_strLibrary As String, ByVal
a_strItemID As String, ByVal a_strReturnURL As String)
```

Description

This function is used to redirect to the General Properties Page of the Stored Search.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|---|
| 1 | a_strLibraryName | String | Name of the library where the stored search is stored template. |
| 2 | a_strItemID | String | ID of the stored search template. |
| 3 | a_strReturnURL | String | Stores URL of the previous page. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
Dim I_strReturnURL as String = "SSGeneralProperties.aspx"
I_objRequestHandler.ShowSSGeneralPropertiesPage (I_strLibraryName,
I_strItemID, I_strReturnURL)
```

ShowStoredSearchTemplatePage

Syntax

```
Public Sub ShowStoredSearchTemplatePage(ByVal a_strLibrary As String, ByVal
a_strItemID As String, ByVal a_strReturnURL As String)
```

Description

This method is used to redirect to the stored search template page.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|----------------|-----------|---|
| 1 | a_strLibrary | String | Name of the library where the stored search is stored template. |
| 2 | a_strItemID | String | ID of the stored search template. |
| 3 | a_strReturnURL | String | Stores URL of the previous page. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strItemID As String = "100001"
Dim I_strReturnURL As String = "ShowStoredSearchTemplate.aspx"
I_objRequestHandler.ShowStoredSearchTemplatePage(I_strLibrary, I_strItemID,
I_strReturnURL)
```

ShowMailPage**Syntax**

```
Public Shared Sub ShowMailPage(ByVal a_strDocID As String, ByVal a_strLibrary As String, ByVal a_strReturnURL As String)
```

Description

This method is used to show the send mail page.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|----------------|-----------|--|
| 1 | a_strDocID | String | Document Id that is to be sent in mail. |
| 2 | a_strLibrary | String | Stores name of the library in which selected document is stored. |
| 3 | a_strReturnURL | String | Stores URL of the previous page. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
|--------|-------------------|----------|

| |
|------|
| None |
|------|

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibrary As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strDocID As String = "100001"
Dim I_strReturnURL As String = "SendMail.aspx"
I_objRequestHandler.ShowMailPage (I_strDocID, I_strLibrary, I_strReturnURL)
```

ShowAboutCISPage**Syntax**

```
Public Shared Sub ShowAboutCISPage(ByVal a_strDocClass As String, ByVal a_strDocID
As String, ByVal a_strLibraryName As String, ByVal a_strReturnURL As String)
```

Description

This function is used to navigate to AboutCIS page.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|----------------|
| 1 | a_strDocClass | String | Document Class |
| 2 | a_strDocID | String | Document ID |
| 3 | a_strLibraryName | String | Library Name |
| 4 | a_strReturnURL | String | Return URL |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strLibraryName As String = "DefaultIMS:IMGSERV:FileNet"
Dim I_strDocClass As String = "Account"
```

```
Dim I_strDocID As String = "100001"
Dim I_strReturnURL As String = "ViewLinkedDocs.aspx"
I_objRequestHandler.ShowAboutCISPage(I_strDocClass, I_strDocID,
I_strLibraryName, I_strReturnURL)
```

GetPatchInstalled

Syntax

```
Public Function GetPatchInstalled() As String
```

Description

This function is used to know the number of the latest patch installed.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | Returns the Patch details such as Number etc. |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim I_objRequestHandler as New RequestHandler()
Dim I_strPatch As String = I_objRequestHandler.GetPatchInstalled()
```

InsufficientRightsException

An instance of this class is to be created in case the user has insufficient rights to perform operations on FileNet Library.

New

Syntax

```
Public Sub New ()
```

Description

Constructor that initializes a new instance of the InsufficientRightsException class with the fixed Error Message

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objException as New InsufficientRightsException()
```

BusCompNotConfiguredException

An instance of this class is to be created in case the business component is not configured in the ACS7 database.

New

Syntax

```
Public Sub New (ByVal a_strMessage As String)
```

Description

Constructor that initializes a new instance of the BusCompNotConfiguredException class with the specified Error Message.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|----------------|
| 1 | a_strMessage | String | Message string |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objException as New BusCompNotConfiguredException  
("BusComp Not Configured")
```

Using the CISCommon Interface

CISCommon is the helper class of ACS7, which provides the methods for:

- XML parsing.
- Logging error messages.
- Exception handling.
- Store and retrieve ACS7 configuration settings.

This chapter lists all the exposed functions of the *CISComon* package.

XMLParser

GetTagValue

Syntax

```
Public Function GetTagValue(ByVal a_strXML As String, ByVal a_strTagName As String,
Optional ByVal a_strParentTagName As String = "") As String
```

Description

This function returns the value of the Tag name that is passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|--------------------|-----------|---|
| 1 | a_strXML | String | XML string from which the tag value has to be fetched |
| 2 | a_strTagName | String | Name of the tag |
| 3 | a_strParentTagName | String | Name of the Parent tag. Optional parameter |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
|--------|-----------|-------------|

| | | |
|---|--------|------------------|
| 1 | String | Value of the tag |
|---|--------|------------------|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_strXML As String = "<CIS><Tag1>FileNet</Tag1></CIS>"
Dim l_strTagName As String = "Tag1"
Dim l_strTagValue As String
Dim l_objXMLParser As New XMLParser()
l_strTagValue =
l_objXMLParser.GetTagValue(l_strXML,l_strTagName)
```

GetTagValue -OverLoaded

Syntax

```
Public Function GetTagValue (ByVal a_xmlElmInput As XmlElement, ByVal
a_strTagName As String, Optional ByVal a_strParentTagName As String = "") As String
```

Description

This function returns the value of the Tag name that is passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|--------------------|-------------|---|
| 1 | a_xmlElmInput | XML Element | XMLElement object |
| 2 | a_strTagName | String | Name of the tag |
| 3 | a_strParentTagName | String | Name of the Parent tag. Optional parameter |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------|
| 1 | String | Value of the tag |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
|--------|-------------------|----------|

None

Example

```

Dim l_xmlElmInput as New XElement()
`Populate this XML Element with the XML string as
"<CIS><Tag1>FileNet</Tag1></CIS>"
Dim l_strTagName As String = "Tag1"
Dim l_strTagValue As String
Dim l_objXMLParser As New XMLParser()
l_strTagValue =
l_objXMLParser.GetTagValue(l_xmlElmInput,l_strTagName)

```

GetAttributeValue**Syntax**

```

Public Function GetAttributeValue(ByVal a_strXML As String, ByVal a_strAttributeName
As String) As String

```

Description

This function returns the value of the Attribute name that is passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|--------------------|-----------|---|
| 1 | a_strXML | String | XML string from which the tag value has to be fetched |
| 2 | a_strAttributeName | String | Name of the Attribute |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------|
| 1 | String | Value of the attribute |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```

Dim l_strXML As String = "<CIS><Tag1
Attr1="FileNet"/></CIS>
Dim l_strAttrName As String = "Attr1"
Dim l_strAttrValue As String
Dim l_objXMLParser As New XMLParser()
l_strAttrValue =
l_objXMLParser.GetAttributeValue(l_strXML,l_strAttrName)

```

GetAttributeValue - OverLoaded**Syntax**

```

Public Function GetAttributeValue(ByVal a_xmlElmInput As XmlElement, ByVal
a_strAttributeName As String) As String

```

Description

This function returns the value of the Attribute name that is passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|--------------------|------------|-----------------------|
| 1 | a_xmlElmInput | XmlElement | XML element object |
| 2 | a_strAttributeName | String | Name of the Attribute |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------|
| 1 | String | Value of the attribute |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```

Dim l_xmlElmInput as New XElement()
`Populate this XML Element with the XML string as
"<CIS><Tag1 Attr1="FileNet"/></CIS>"
Dim l_strAttrName As String = "Attr1"
Dim l_strAttrValue As String

```

```
Dim l_objXMLParser As New XMLParser()
l_strAttrValue =
l_objXMLParser.GetAttributeValue(l_xmlElmInput,l_strAttrName)
```

GetDataSet

Syntax

```
Public Function GetDataSet(ByVal a_strXML As String) As System.Data.DataSet
```

Description

This function returns the DataSet representation of the XML string passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| 1 | a_strXML | String | XML string |

Return value

| Sr.No. | Data Type | Description |
|--------|---------------------|---|
| 1 | System.Data.DataSet | Dataset representation of the XML string passed |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_strXML as String =
"<CIS><Tag1>FileNet</Tag1></CIS>"
Dim l_objDataSet As System.Data.DataSet
Dim l_objXMLParser As New XMLParser()
l_objDataSet = l_objXMLParser.GetDataSet(l_strXML)
```

GetDecodedAttrName

Syntax

```
Public Function GetDecodedAttrName (ByVal a_strAttributeName As String) As String
```

Description

This function returns the decoded attribute name of the attribute passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|--------------------|-----------|--------------------------------------|
| 1 | a_strAttributeName | String | Name of the attribute to be decoded. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------|
| 1 | String | Decoded attribute Name |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_strAttrName as String = "SRzzz00Number"
Dim l_strDecodedAttrName as String
Dim l_objXMLParser As New XMLParser()
l_strDecodedAttrName =
l_objXMLParser.GetDecodedAttrName(l_strAttrName)
```

GetEncodedAttrName**Syntax**

```
Public Function GetEncodedAttrName (ByVal a_strAttributeName As String) As String
```

Description

This function returns the encoded attribute name of the attribute passed to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|--------------------|-----------|--------------------------------------|
| 1 | a_strAttributeName | String | Name of the attribute to be encoded. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------------|
| 1 | String | Encoded attribute Name |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_strAttrName as String = "Account"
Dim l_strEncodedAttrName as String
Dim l_objXMLParser As New XMLParser()
l_strEncodedAttrName =
l_objXMLParser.GetEncodedAttrName(l_strAttrName)
```

CISHelper

Encrypt

Syntax

```
Public Function Encrypt(ByVal a_strPWD As String) As String
```

Description

This function encrypts the string that is sent as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|------------------------|
| 1 | a_strPWD | String | String to be encrypted |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------|
| 1 | String | Encrypted String |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objCISHelper As New CISHelper()
Dim l_strPassword As String = "USER"
Dim l_strEncryptedPassword As String
l_strEncryptedPassword =
l_objCISHelper.Encrypt(l_strPassword)
```

Decrypt**Syntax**

```
Public Function Decrypt(ByVal a_strPWD As String) As String
```

Description

This function Decrypts the string that is sent as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|------------------------|
| 1 | a_strPWD | String | String to be decrypted |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|------------------|
| 1 | String | Decrypted String |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objCISHelper As New CISHelper()
Dim l_strEncryptedPassword As String = "33A 55 C"
Dim l_strDecryptedPassword As String
l_strDecryptedPassword =
l_objCISHelper.Decrypt(l_strEncryptedPassword)
```

GetCurrentTimeStamp

Syntax

```
Public Function GetCurrentTimeStamp(ByVal a_chrTime As Char) As String
```

Description

This function returns the current time stamp

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_chrTime | Char | If "F", then date will be returned in "MM_DD_YYYY" format else in "MM:dd:yyyy hh:mm:ss" format. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|--------------------|
| 1 | String | Current time stamp |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objCISHelper As New CISHelper()
Dim l_strTime As String
l_strTime = l_objCISHelper.GetCurrentTimeStanp("F")
```

GetResourceString

Syntax

```
Public Function GetResourceString(ByVal a_strResource As String) As String
```

Description

This method is reads the resource file to get the value of the string passed as an input parameter

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|---|
| 1 | a_strResource | String | String name whose value has to be fetched from the resource file. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|---|
| 1 | String | Value fetched from the resource file for the input string |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_strResourceName As String = "Page_Label"
Dim l_strResourceValue As String
l_strResourceValue =
CISHelper.GetResourceString(l_strResourceName)
```

LogWriter

New

Syntax

```
Public Sub New()
```

Description

A Constructor that creates a log file with the current time stamp.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| | None | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
|--------|-----------|-------------|

| |
|------|
| None |
|------|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objLogWriter As New LogWriter()
```

WriteErrorLog**Syntax**

```
Public Sub WriteErrorLog(ByVal a_exceptionInput As Exception, Optional ByVal a_strLogText As String = "")
```

Description

This function writes the errors in the log file.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|------------------|--|
| 1 | a_exceptionInput | Exception object | Object which contains the error message |
| 2 | a_strLogText | String | Text to be logged in the file. Optional parameter. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objLogWriter As New LogWriter()
```

```
Dim l_strLogText as String = "Error"
```

Create an exception object with any error message. Let it be l_objException.

```
l_objLogWriter.WriteErrorLog(l_objException,
l_strLogText)
```

WriteEventLog

Syntax

```
Public Sub WriteEventLog (ByVal a_strLogText As String)
```

Description

This function writes the error in the log file

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------------------------|
| 1 | a_strLogText | String | Text to be logged in the file |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objLogWriter As New LogWriter()
Dim l_strLogText as String = "Error"
l_objLogWriter.WriteErrorLog(l_strLogText)
```

CISException

New

Syntax

```
Public Sub New(ByVal a_strMsg As String)
```

Description

Constructor that initializes a new instance of the Exception class with the specified Error Message.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------------|
| 1 | a_strMsg | String | Exception Message |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objException as New CISException("Exception has occurred")
```

New - OverLoaded**Syntax**

```
Public Sub New(ByVal a_strMsg As String, ByVal a_exceptionInner As Exception)
```

Description

Constructor that initializes a new instance of the Exception class, with the specified error message and the exception object.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|------------------|-----------|------------------------|
| 1 | a_strMsg | String | Exception Message |
| 2 | a_exceptionInner | String | Inner exception object |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | | |

| |
|------|
| None |
|------|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
^Create an exception object with any error message. For e.g. l_objException.
```

```
Dim l_objException as New CISException("Exception has occurred", l_objException)
```

Log**Syntax**

```
Public Sub Log(Optional ByVal a_strLogText As String = "")
```

Description

This function logs the message that is passed to it in the log file.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|------------------------------------|
| 1 | a_strLogText | String | Text to be logged in the log file. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_strLogText as String ="Error"
Dim l_objException as New CISException("")
l_objException.Log(l_strLogText)
```

Description

Syntax

Public Property Description() As String

Description

This property returns the description member variable.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-----------------------------|
| 1 | String | Description member variable |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objException as New CISException("Error")
Dim l_strDescription As String
l_strDescription = l_objException.Description
```

CISConfigInfo

New

Syntax

Public Sub New()

Description

This constructor is used for reading the CISConfig.xml file and setting the values of the shared properties.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| None | | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objCISConfigInfo As New CISConfigInfo()
```

CISGlobals

| Sr. No | Constant Name | Data Type | Protection Type | Value |
|--------|------------------------------------|-----------|-----------------|------------|
| 1 | ERROR_DB_NO_RECORDS_FOUND | String | Public Shared | "CIS-1001" |
| 2 | ERROR_DB_LOGON_FAILURE | String | Public Shared | "CIS-1002" |
| 3 | ERROR_DB_FOREIGN_KEY_NOT_FOUND | String | Public Shared | "CIS-1003" |
| 4 | ERROR_DB_CREATE_LINK_FAILURE | String | Public Shared | "CIS-1004" |
| 5 | ERROR_DB_CREATE_PARENTLINK_FAILURE | String | Public Shared | "CIS-1005" |
| 6 | ERROR_DB_PARENT_BUSCOMP_NOTFOUND | String | Public Shared | "CIS-1006" |
| 7 | ERROR_DB_MAPID_NOT_FOUND | String | Public Shared | "CIS-1007" |
| 8 | ERROR_DB_DOCCLASS_NOT_FOUND | String | Public Shared | "CIS-1008" |
| 9 | ERROR_DB_DOCCLASSFIELD_NOT_FOUND | String | Public Shared | "CIS-1009" |
| 10 | ERROR_SB_LOGON_FAILURE | String | Public Shared | "CIS-1010" |
| 11 | ERROR_SB_CREATE_DOCUMENT_FAILURE | String | Public Shared | "CIS-1011" |

| | | | | |
|----|--|--------|---------------|------------|
| 12 | ERROR_SB_INVALID_FIELD_NAME | String | Public Shared | "CIS-1012" |
| 13 | ERROR_SB_INVALID_FIELD_VALUE | String | Public Shared | "CIS-1013" |
| 14 | ERROR_SB_EXECUTE_QUERY_FAILURE | String | Public Shared | "CIS-1014" |
| 15 | ERROR_SB_INVALID_BUSOBJ | String | Public Shared | "CIS-1015" |
| 16 | ERROR_SB_INVALID_BUSCOMP | String | Public Shared | "CIS-1016" |
| 17 | ERROR_SB_INVALID_CLEARTOQUERY | String | Public Shared | "CIS-1017" |
| 18 | ERROR_SB_INVALID_SEARCHEXPR | String | Public Shared | "CIS-1018" |
| 19 | ERROR_CIS_INSUFFICIENT_RIGHTS | String | Public Shared | "CIS-1019" |
| 20 | ERROR_CIS_BUSCOMP_NOT_CONFIGURED | String | Public Shared | "CIS-1020" |
| 21 | ERROR_FN_INVALID_LIBRARY | String | Public Shared | "CIS-1021" |
| 22 | ERROR_FN_ADD_DOCUMENT_FAILURE | String | Public Shared | "CIS-1022" |
| 23 | ERROR_FN_DOCUMENT_NOT_FOUND | String | Public Shared | "CIS-1023" |
| 24 | ERROR_FN_INVALID_PROPERTY_NAME | String | Public Shared | "CIS-1024" |
| 25 | ERROR_COULD_NOT_FETCH_LIBRARIES | String | Public Shared | "CIS-1025" |
| 26 | ERROR_UPDATE_LINKS_FAILED | String | Public Shared | "CIS-1026" |
| 27 | ERROR_INVALID_FILE_NAME | String | Public Shared | "CIS-1027" |
| 28 | ERROR_VALUE_REQUIRED | String | Public Shared | "CIS-1028" |
| 29 | ERROR_INVALID_RANGE | String | Public Shared | "CIS-1029" |
| 30 | MESSAGE_DOC_CREATED | String | Public Shared | "CIS-1030" |
| 31 | ERROR_CIS_UNHANDLED_EXCEPTION | String | Public Shared | "CIS-1031" |
| 32 | ERROR_CIS_APPLICATION_EXCEPTION | String | Public Shared | "CIS-1032" |
| 33 | ERROR_CIS_EXCEPTION | String | Public Shared | "CIS-1033" |
| 34 | MESSAGE_NO_LINKS_UPDATED | String | Public Shared | "CIS-1034" |
| 35 | ERROR_DB_EXECUTE_QUERY_FAILURE | String | Public Shared | "CIS-1035" |
| 36 | MESSAGE_CREATE_LINK_SUCCESSFUL | String | Public Shared | "CIS-1036" |
| 37 | ERROR_UNABLE_TO_SAVE_CONFIGURATION_CHANGES | String | Public Shared | "CIS-1037" |
| 38 | ERROR_SB_DELETE_RECORD_FAILURE | String | Public Shared | "CIS-1038" |
| 39 | ERROR_FN_INVALID_CREDENTIALS | String | Public Shared | "CIS-1039" |
| 40 | ERROR_DB_LINK_ALREADY_EXIST | String | Public Shared | "CIS-1040" |
| 41 | ERROR_DB_PARENT_MAPID_NOT_FOUND | String | Public Shared | "CIS-1041" |

| | | | | |
|----|---|--------|---------------|-------------|
| 42 | ERROR_UPDATE_LINKS | String | Public Shared | "CIS-1042" |
| 43 | ERROR_DOCS_NOT_FOUND | String | Public Shared | "CIS-1043" |
| 44 | ERROR_FN_LOGON_FAILURE | String | Public Shared | "CIS-1044" |
| 45 | ERROR_COULD_NOT_BE_LOGGED | String | Public Shared | "CIS-1045" |
| 46 | MESSAGE_PASSWORD_CHANGED | String | Public Shared | "CIS-1046" |
| 47 | ERROR_CONFIG_INCORRECT_PASSWORD | String | Public Shared | "CIS-1047" |
| 48 | ERROR_CONFIG_PASSWORD_MISMATCH | String | Public Shared | "CIS-1048" |
| 49 | ERROR_INVALID_NEW_PASSWORD | String | Public Shared | "CIS-1049" |
| 50 | ERROR_UNABLE_TO_READ_CONFIGURATION_SETTINGS | String | Public Shared | "CIS-1050" |
| 51 | ERROR_DB_INDEX_FIELD_NOT_FOUND | String | Public Shared | "CIS-1051" |
| 52 | ERROR_FN_NO_SEARCHRESULTS_FOUND | String | Public Shared | "CIS-1052" |
| 53 | ERROR_NO_LINKED_DOCUMENT_FOUND | String | Public Shared | "CIS-1053" |
| 54 | CRITICAL_ERROR_HEADER | String | Public Shared | "CIS-1054" |
| 55 | ERROR_NO_DOCUMENTS_AVAILABLE | String | Public Shared | "CIS-1055" |
| 56 | ERROR_FN_INVALID_SEARCH_CRITERIA | String | Public Shared | "CIS-1056" |
| 57 | MESSGAE_CONFIG_SETTINGS_SAVED | String | Public Shared | "CIS-1057" |
| 58 | ERROR_EMPTY_SEARCH_CRITERIA | String | Public Shared | "CIS-1058" |
| 59 | ERROR_EMPTY_VALUE_FIELD | String | Public Shared | "CIS-1059" |
| 60 | ERROR_FN_INVALID_PROPERTY_VALUE | String | Public Shared | "CIS-1060" |
| 61 | ERROR_LINK_TO_PARENT_FAILED | String | Public Shared | "CIS-1061" |
| 62 | ERROR_INVALID_ERRORPATH | String | Public Shared | "CIS-1062" |
| 63 | ERROR_MISSING_RESOURCE_FILE | String | Public Shared | "CIS-1063:" |
| 64 | ERROR_CANT_MODIFY_VALUE | String | Public Shared | "CIS-1064" |
| 65 | ERROR_FN_JAVAVIEWER_FILETYPE_NOTSUPPORTED | String | Public Shared | "CIS-1065" |
| 66 | ERROR_SESSION_EXPIRED | String | Public Shared | "CIS-1066" |
| 67 | ERROR_MISSING_CONFIG_FILE | String | Public Shared | "CIS-1067" |
| 68 | ERROR_FN_DOCUMENT_NOT_CHECKEDOUT | String | Public Shared | "CIS-1068" |
| 69 | ERROR_FN_DOCUMENT_ALREADY_CHECKEDOUT | String | Public Shared | "CIS-1069" |

| | | | | |
|----|---|--------|---------------|----------------|
| 70 | ERROR_SB_FETCH_BUSCOMP | String | Public Shared | "CIS-1070" |
| 71 | ERROR_SB_FETCH_SIEBEL_FIELD | String | Public Shared | "CIS-1071" |
| 72 | ERROR_FN_UPDATE_DOCUMENT_FAILURE | String | Public Shared | "CIS-1072" |
| 73 | MESSAGE_PROPERTIES_CHANGED | String | Public Shared | "CIS-1073" |
| 74 | ERROR_INVALID_CHECKIN_FILENAME | String | Public Shared | "CIS-1074" |
| 75 | ERROR_CHECKIN_FILE_NOTSELECTED | String | Public Shared | "CIS-1075" |
| 76 | ERROR_DB_DELETE_FAILED | String | Public Shared | "CIS-1076" |
| 77 | MESSAGE_FILENET_MAPPING_EXIST | String | Public Shared | "CIS-1077" |
| 78 | MESSAGE_SIEBEL_MAPPING_EXIST | String | Public Shared | "CIS-1078" |
| 79 | MESSAGE_LINKRULE_EXIST | String | Public Shared | "CIS-1079" |
| 80 | ERROR_FILENET_ENTRY_EXIST | String | Public Shared | "CIS-1080" |
| 81 | ERROR_SIEBEL_ENTRY_EXIST | String | Public Shared | "CIS-1081" |
| 82 | MESSAGE_SYNCHRONIZATION_SUCCESSFULL | String | Public Shared | "CIS-1082" |
| 83 | ERROR_MANDATORY_FIELD | String | Public Shared | "CIS-1083" |
| 84 | ERROR_CHECKIN_DOCUMENT_FAILURE | String | Public Shared | "CIS-1084" |
| 85 | ERROR_FN_INVALID_PROPERTY_VALUE_WITH_DOCID | String | Public Shared | "CIS-1085" |
| 86 | ERROR_FN_CHANGE_PASSWORD_FAILED | String | Public Shared | "CIS-1086" |
| 87 | ERROR_FN_PASSWORD_EXPIRED | String | Public Shared | "CIS-1087" |
| 88 | ERROR_FN_CONFIGUREDLIBRARY_PASSWORD_EXPIRED | String | Public Shared | "CIS-1088" |
| 89 | ERROR_INVALID_SIEBEL_CREDENTIALS | String | Public Shared | "CIS-1089" |
| 90 | ERROR_INVALID_DATABASE_CREDENTIALS | String | Public Shared | "CIS-1090" |
| 91 | ERROR_INVALID_FILENET_CREDENTIALS | String | Public Shared | "CIS-1091" |
| 92 | ERROR_SYNCHRONIZATION_FAILED | String | Public Shared | "CIS-1092" |
| 93 | ERROR_AUTOPOPULATE_VALUE_FAILED | String | Public Shared | "CIS-1093" |
| 94 | MESSAGE_DOCSWILLBEUNLINKED | String | Public Shared | "CIS-1094" |
| 95 | MESSAGE_LINKSTATUSCHANGED | String | Public Shared | "CIS-1095" |
| 96 | ATTR_LINK_TO_PARENT | String | Public Shared | "LINKTOPARENT" |
| 97 | ATTR_BUSCOMP | String | Public Shared | "BUSCOMP" |

| | | | | |
|-----|---------------------------------|--------|---------------|----------------------|
| 98 | ATTR_ROWID | String | Public Shared | "ROWID" |
| 99 | ATTR_CAN_BE_DISPLAYED | String | Public Shared | "CANBEDISPLAYED" |
| 100 | ATTR_BUSOBJECT | String | Public Shared | "BUSOBJECT" |
| 101 | ATTR_DOCCLASSNAME | String | Public Shared | "DOCCLASSNAME" |
| 102 | ATTR_DOCCLASSID | String | Public Shared | "DOCCLASSID" |
| 103 | ATTR_DOCCLASS | String | Public Shared | "DOCCLASS" |
| 104 | ATTR_LIBRARYLABEL | String | Public Shared | "LIBRARYLABEL" |
| 105 | ATTR_LIBRARYID | String | Public Shared | "LIBRARYID" |
| 106 | ATTR_SEARCHDOC_OPERATOR | String | Public Shared | "OPERATOR" |
| 107 | ATTR_SEARCHDOC_CONTENT | String | Public Shared | "CONTENT" |
| 108 | ATTR_SEARCHDOC_SEARCHFOR | String | Public Shared | "SEARCHFOR" |
| 109 | ATTR_SEARCHDOC_SEARCHOPERATOR | String | Public Shared | "SEARCHOPERATOR" |
| 110 | ATTR_LIBRARYNAME | String | Public Shared | "LIBRARYNAME" |
| 111 | ATTR_ADDDOC_FILENAME | String | Public Shared | "FILENAME" |
| 112 | ATTR_DOCCLASSFIELDLABEL | String | Public Shared | "DOCCLASSFIELDLABEL" |
| 113 | ATTR_DOCCLASSFIELDNAME | String | Public Shared | "DOCCLASSFIELDNAME" |
| 114 | ATTR_SEARCHDOC_BUSCOMPFIELDNAME | String | Public Shared | "BUSCOMPFIELDNAME" |
| 115 | ATTR_CAN_BE_INDEXED | String | Public Shared | "CANBEINDEXED" |
| 116 | ATTR_CAN_BE_QUERIED | String | Public Shared | "CANBEQUERIED" |
| 117 | ATTR_VALUE_REQUIRED | String | Public Shared | "VALUEREQUIRED" |
| 118 | ATTR_ADDDOC_INDEXCONTENT | String | Public Shared | "INDEXCONTENT" |
| 119 | ATTR_FIELDNAME | String | Public Shared | "FIELDNAME" |
| 120 | ATTR_PAGES | String | Public Shared | "Pages" |
| 121 | ATTR_ENTRY_DATE | String | Public Shared | "Entry" |
| 122 | ATTR_BUSCOMP_ID | String | Public Shared | "BUSCOMPID" |
| 123 | ATTR_DOCID | String | Public Shared | "DOCID" |
| 124 | ATTR_STATUS | String | Public Shared | "LINKSTATUS" |
| 125 | ATTR_MIME_IMAGE_URL | String | Public Shared | "MIMEIMAGEURL" |
| 126 | ATTR_FIELDVALUE | String | Public Shared | "FIELDVALUE" |
| 127 | ATTR_FIELDLABEL | String | Public Shared | "FIELDLABEL" |
| 128 | ATTR_FOREIGNKEY | String | Public Shared | "FOREIGNKEY" |
| 129 | ATTR_LOGINUSERID | String | Public Shared | "LOGINUSERID" |
| 130 | ATTR_LOGINPASSWORD | String | Public Shared | "LOGINPASSWORD" |

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| 131 | ATTR_ERRORLOGPATH | String | Public Shared | "ERRORLOGPATH" |
| 132 | ATTR_SESSIONTIMEOUT | String | Public Shared | "SESSIONTIMEOUT" |
| 133 | ATTR_DISPLAYDOCPROPERTIES | String | Public Shared | "DISPLAYDOCPROPERTIES" |
| 134 | ATTR_IDMVIEWER | String | Public Shared | "IDMVIEWER" |
| 135 | ATTR_OPENSINGLELINKEDDOCUMENT | String | Public Shared | "OPENSINGLELINKEDDOCUMENT" |
| 136 | ATTR_USEFILENETCREDENTIALS | String | Public Shared | "USEFILENETCREDENTIALS" |
| 137 | ATTR_IDMDEFAULTVIEWER | String | Public Shared | "IDMVIEWERDEFAULT" |
| 138 | ATTR_FNPREFERREDLIBRARY | String | Public Shared | "PREFERREDLIBRARY" |
| 139 | ATTR_FNUSERID | String | Public Shared | "FNUSERNAME" |
| 140 | ATTR_FNPASSWORD | String | Public Shared | "FNPASSWORD" |
| 141 | ATTR_FNGROUP | String | Public Shared | "FNGROUP" |
| 142 | ATTR_SIEBELCONNECTIONSTRING | String | Public Shared | "SIEBELCONNECTIONSTRING" |
| 143 | ATTR_SIEBELUSERID | String | Public Shared | "SIEBELUSERID" |
| 144 | ATTR_SIEBELPASSWORD | String | Public Shared | "SIEBELPASSWORD" |
| 145 | ATTR_DATABASETYPE | String | Public Shared | "DBTYPE" |
| 146 | ATTR_DATABASESERVERNAME | String | Public Shared | "DBSERVERNAME" |
| 147 | ATTR_DATABASENAME | String | Public Shared | "DBNAME" |
| 148 | ATTR_DATABASEUSERID | String | Public Shared | "DBUSERID" |
| 149 | ATTR_DATABASEPASSWORD | String | Public Shared | "DBPASSWORD" |
| 150 | ATTR_DATABASETNSNAME | String | Public Shared | "DBTNSNAME" |
| 151 | ATTR_BUSCOMPFIELDNAME | String | Public Shared | "BUSCOMPFIELDNAME" |
| 152 | ATTR_BUSCOMPFIELDLABEL | String | Public Shared | "BUSCOMPFIELDLABEL" |
| 153 | ATTR_CHECKEDOUT | String | Public Shared | "CheckedOutURL" |
| 154 | ATTR_CANCHECKOUT | String | Public Shared | "CanCheckOut" |
| 155 | ATTR_CANCHECKIN | String | Public Shared | "CanCheckIn" |
| 156 | ATTR_CANCANCELCHECKOUT | String | Public Shared | "CanCancelCheckOut" |
| 157 | ATTR_CANMODIFYPROPERTIES | String | Public Shared | "CanModifyProperties" |
| 158 | ATTR_JAVARENDERABLE | String | Public Shared | "JavaViewRenderable" |
| 159 | ATTR_LDAPSERVERNAME | String | Public Shared | "LDAPSERVERNAME" |
| 160 | ATTR_LOGONMETHOD | String | Public Shared | "LOGONMETHOD" |
| 161 | ATTR_INTERACTIVE_MODE | String | Public Shared | "INTERACTIVEMODE" |
| 162 | ATTR_DEFAULT_VIEWING_ACTION | String | Public Shared | "DEFAULTVIEWINGACTION" |

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|-----|----------------------------|--------|---------------|-------------------------|
| 163 | ATTR_ROWOPERATION | String | Public Shared | "RowOperation" |
| 164 | ATTR_MODIFIED | String | Public Shared | "Modified" |
| 165 | ATTR_FOLDER_PATH | String | Public Shared | "FolderPath" |
| 166 | ATTR_ISDATE | String | Public Shared | "IsDate" |
| 167 | ATTR_ID | String | Public Shared | "ID" |
| 168 | ATTR_VERSION | String | Public Shared | "Version" |
| 169 | ATTR_IMGUSERGROUP | String | Public Shared | "ImgUserGroup" |
| 170 | ATTR_USERGROUPNAME | String | Public Shared | "Name" |
| 171 | ATTR_ACCESSLEVEL | String | Public Shared | "AccessLevel" |
| 172 | ATTR_LINKSTATUS_MODIFIED | String | Public Shared | "LinkStatusModified" |
| 173 | ATTR_EXPIRATIONDATE | String | Public Shared | "ExpirationDate" |
| 174 | ATTR_EXPIRATIONTIME | String | Public Shared | "ExpirationTime" |
| 175 | ATTR_INGRACEPERIOD | String | Public Shared | "InGracePeriod" |
| 176 | TAG_ADDDOC_SECURITY | String | Public Shared | "SECURITY" |
| 177 | TAG_SEARCHDOC_LIBRARY | String | Public Shared | "LIBRARY" |
| 178 | TAG_DOCCLASS | String | Public Shared | "DOCCLASS" |
| 179 | TAG_DOCLINKS | String | Public Shared | "DOCLINKS" |
| 180 | TAG_CIS | String | Public Shared | "CIS" |
| 181 | TAG_PROPERTIES | String | Public Shared | "PROPERTIES" |
| 182 | TAG_LIBRARY | String | Public Shared | "LIBRARY" |
| 183 | TAG_SEARCHDOC_SEARCH | String | Public Shared | "SEARCH" |
| 184 | TAG_ADDDOC_DOCINDICES | String | Public Shared | "DOCINDICES" |
| 185 | TAG_ROOT | String | Public Shared | "ROOT" |
| 186 | TAG_NEWDATASET | String | Public Shared | "NEWDATASET" |
| 187 | TAG_SEC_NAME | String | Public Shared | "Name" |
| 188 | TAG_SEC_ACCESSLEVEL | String | Public Shared | "AccessLevel" |
| 189 | TAG_SEC_IMGUSERGROUP | String | Public Shared | "ImgUserGroup" |
| 190 | SES_LOGON_CANCELLED | String | Public Shared | "LogonCancelled" |
| 191 | SES_SELECTED_LIBRARY_ID | String | Public Shared | "SelectedLibraryID" |
| 192 | SES_SELECTED_DOCCLASS_ID | String | Public Shared | "SelectedDocclassID" |
| 193 | SES_SELECTED_DOC_ID | String | Public Shared | "SelectedDocID" |
| 194 | SES_BUSCOMP_NAME | String | Public Shared | "ActiveBusCompName" |
| 195 | SES_XML_DOCUMENTS | String | Public Shared | "strXMLLinkedDocuments" |
| 196 | SES_SELECTED_LIBRARY_LABEL | String | Public Shared | "SelectedLibraryLabel" |

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| 197 | SES_SELECTED_DOCCLASS_NAME | String | Public Shared | "SelectedDocClassName" |
| 198 | SES_SEARCHEDRESULTS | String | Public Shared | "SearchedResults" |
| 199 | SES_SELECTED_LIBRARY_NAME | String | Public Shared | "SelectedLibraryName" |
| 200 | SES_BUSCOMP_ID | String | Public Shared | "ActiveBusCompID" |
| 201 | SES_EXCEPTION_OBJECT | String | Public Shared | "CISException" |
| 202 | SES_ROW_ID | String | Public Shared | "ActiveRowID" |
| 203 | SES_BUS_OBJECT_NAME | String | Public Shared | "ActiveBusObjectName" |
| 204 | SES_ADDDOC_BACKFROMSECURITY | String | Public Shared | "BackFromSecurity" |
| 205 | SES_ADDDOC_BACKFROMLOGON | String | Public Shared | "BackFromLogon" |
| 206 | SES_ADDDOC_FILENAME | String | Public Shared | "SelectedFile" |
| 207 | SES_ADDDOC_INDEXCONTENT | String | Public Shared | "IndexContent" |
| 208 | SES_ADDDOC_LINKTOPARENT | String | Public Shared | "LinkToParent" |
| 209 | SES_SELECTED_TREENODE | String | Public Shared | "SelectedTreeNode" |
| 210 | SES_SEARCH_RESULTS | String | Public Shared | "SearchResults" |
| 211 | SES_SECURITY_XML | String | Public Shared | "SecurityXML" |
| 212 | SES_CACHED_DATA | String | Public Shared | "DataGrid" |
| 213 | SES_CACHED_PROPERTIES | String | Public Shared | "DocPropsHashtable" |
| 214 | SES_DOCS_NOT_FOUND_MESSAGE | String | Public Shared | "DocsNotFoundMessage" |
| 215 | SES_LOGON_CONFIG_SUCCESSFULL | String | Public Shared | "LogonSuccessfullForConfiguration" |
| 216 | SES_SEARCHRESULT_BACKFROMPROPERTY | String | Public Shared | "BackFromProperty" |
| 217 | SES_STACKTRACE_TEXT | String | Public Shared | "StackTraceText" |
| 218 | SES_PAGESTATE_TABLE | String | Public Shared | "PageStateTable" |
| 219 | SES_VERSION_SELECTED_DOC_ID | String | Public Shared | "VersionSelectedDocID" |
| 220 | SES_SB_USER_NAME | String | Public Shared | "SBUserName" |
| 221 | SES_SB_PASSWORD | String | Public Shared | "SBPassword" |
| 222 | SES_SECURITY_OBJECT | String | Public Shared | "SecurityFnObjectSecurity" |
| 223 | SES_ERROR_PAGE_RETURN_URL | String | Public Shared | "ErrorPageReturnURL" |
| 224 | SES_CUSTOM_CACHED_DATA | String | Public Shared | "CustomPropCachedData" |
| 225 | SES_USE_DBCONFIG_SIEBEL_CREDENTIALS | String | Public Shared | "UseConfiguredSiebelCredentials" |
| 226 | TREEVIEW_ROOT_TEXT | String | Public Shared | "FileNet" |
| 227 | ADDDOC_DOCID | String | Public Shared | "" |
| 228 | USER_GROUPNAME | String | Public Shared | "" |

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|-----|---------------------------------------|--------|---------------|---|
| 229 | PROPERTY_IDMWSX_XMLSECURITY | String | Public Shared | "IDMWSX_XMLSecurity" |
| 230 | SEARCH_DOC_URL | String | Public Shared | "SearchDocuments.aspx" |
| 231 | ADD_DOC_URL | String | Public Shared | "AddDocument.aspx" |
| 232 | CHECKIN_DOC_URL | String | Public Shared | "CheckInDocument.aspx" |
| 233 | VIEWANDLINK_SEARCHEDDOC_URL | String | Public Shared | "ViewAndLinkSearchedDocumentsForm.aspx" |
| 234 | VIEW_LINKED_DOCUMENTS_URL | String | Public Shared | "ViewLinkedDocs.aspx" |
| 235 | DOWNLOAD_FORM_URL | String | Public Shared | "DownLoadForm.aspx" |
| 236 | DROPDOWNLIST_SEARCHDOC_SELECT | String | Public Shared | "<SELECT>" |
| 237 | GREATERTHAN | String | Public Shared | ">" |
| 238 | LESSTHAN | String | Public Shared | "<" |
| 239 | EQUALTO | String | Public Shared | "=" |
| 240 | LIKE_OPERATOR | String | Public Shared | "Like" |
| 241 | NOTLIKE | String | Public Shared | "Not" |
| 242 | ISNULL | String | Public Shared | "Is" |
| 243 | ISNOTNULL | String | Public Shared | "Is" |
| 244 | RADIOBUTTON_SEARCHDOC_OR | String | Public Shared | "Or" |
| 245 | RADIOBUTTON_SEARCHDOC_AND | String | Public Shared | "And" |
| 246 | RADIOBUTTON_SEARCHDOC_PHRASE | String | Public Shared | "Phrase" |
| 247 | RADIOBUTTON_SEARCHDOC_WORD | String | Public Shared | "Word" |
| 248 | DATATABLE_SEARCHDOC_SBFIELD | String | Public Shared | "SiebelField" |
| 249 | DATATABLE_SEARCHDOC_FILENETFIELD | String | Public Shared | "FileNETField" |
| 250 | DATATABLE_SEARCHDOC_LIBRARY | String | Public Shared | "Library" |
| 251 | DATATABLE_SEARCHDOC_OPERATOR | String | Public Shared | "Operator" |
| 252 | DATATABLE_SEARCHDOC_SEARCHOPERATOR | String | Public Shared | "SearchOperator" |
| 253 | DATATABLE_SEARCHDOC_WORDPHRASE | String | Public Shared | "WordPhrase" |
| 254 | DATATABLE_SEARCHDOC_SEARCHTEXT | String | Public Shared | "SearchText" |
| 255 | DATATABLE_SEARCHDOC_VALUE | String | Public Shared | "Value" |
| 256 | DATATABLE_SEARCHDOC_DOCCLASSFIELDNAME | String | Public Shared | "DocClassFieldName" |
| 257 | DOCUMENT_TYPE_OBJECT | String | Public Shared | "2" |
| 258 | DBINTERACTION_COUNT | String | Public Shared | "Count" |

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|-----|-----------------------|--------|---------------|----------------------------------|
| 259 | DBINTERACTION_VALUE | String | Public Shared | "Value" |
| 260 | DBINTERACTION_XML | String | Public Shared | "XML" |
| 261 | DBINTERACTION_EXECUTE | String | Public Shared | "" |
| 262 | DBINTERACTION_CIS | String | Public Shared | "CIS" |
| 263 | REQ_BUS_COMP | String | Public Shared | "BusComp" |
| 264 | REQ_BUS_COMP_ID | String | Public Shared | "BusCompID" |
| 265 | REQ_ROWID | String | Public Shared | "RowID" |
| 266 | REQ_DOCID | String | Public Shared | "Id" |
| 267 | REQ_USERNAME | String | Public Shared | "SiebelUserName" |
| 268 | REQ_PASSWORD | String | Public Shared | "SiebelUserPassword" |
| 269 | REQ_CONFIG_USERNAME | String | Public Shared | "ConfigUser" |
| 270 | REQ_CONFIG_PASSWORD | String | Public Shared | "ConfigPassword" |
| 271 | REQ_DOCCLASSID | String | Public Shared | "DocClassID" |
| 272 | REQ_DOCCLASS | String | Public Shared | "DocClass" |
| 273 | REQ_RETURNURL | String | Public Shared | "ReturnURL" |
| 274 | LOGON_MODE_SSO | String | Public Shared | "SSO" |
| 275 | POST_LOGON_URL | String | Public Shared | "Post_Logon_URL" |
| 276 | DOC_STATUS_LINK | String | Public Shared | "LINK" |
| 277 | DOC_STATUS_UNLINK | String | Public Shared | "UNLINK" |
| 278 | PAGES | String | Public Shared | "F_PAGES" |
| 279 | ENTRY_DATE | String | Public Shared | "F_ENTRYDATE" |
| 280 | REQ_BUS_OBJECT | String | Public Shared | "BusObj" |
| 281 | REQ_LIBRARYNAME | String | Public Shared | "LibraryName" |
| 282 | REQ_LIBRARYID | String | Public Shared | "LibraryID" |
| 283 | REQ_LIBRARYLABEL | String | Public Shared | "LibraryLabel" |
| 284 | REQ_SHOWCUSTOM | String | Public Shared | "ShowCustom" |
| 285 | REQ_SB_USERNAME | String | Public Shared | "SSOLoginId" |
| 286 | REQ_SB_PASSWORD | String | Public Shared | "SSOPassword" |
| 287 | REQ_FNUSERNAME | String | Public Shared | "FNUserName" |
| 288 | REQ_SHOWMSG | String | Public Shared | "ShowError" |
| 289 | CHANGEPASSWORD_URL | String | Public Shared | "FileNETChangePasswordForm.aspx" |
| 290 | CHECKEDOUT | String | Public Shared | "CheckedOut" |
| 291 | CANCHECKOUT | String | Public Shared | "CanCheckOut" |

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|-----|------------------------|--------|---------------|-------------------------------|
| 292 | CANCANCELCHECKOUT | String | Public Shared | "CanCancelCheckOut" |
| 293 | CANCHECKIN | String | Public Shared | "CanCheckIn" |
| 294 | CANMODIFYPROPS | String | Public Shared | "CanModifyProperties" |
| 295 | JAVARENDERABLE | String | Public Shared | "JavaRenderable" |
| 296 | SECURITY_CHANGES | String | Public Shared | "SecurityPropertyPageChanges" |
| 297 | MIME_IMAGE_URL | String | Public Shared | "MIMEIMAGEURL" |
| 298 | WEBLISTVIEW_ICONSIZ | String | Public Shared | "1" |
| 299 | IDM_VIEW_PAGE_NAME | String | Public Shared | "DocView.aspx" |
| 300 | JAVA_VIEW_PAGE_NAME | String | Public Shared | "FnJavaView.aspx" |
| 301 | NATIVE_VIEW_PAGE_NAME | String | Public Shared | "DocContent.aspx" |
| 302 | SECURITY_PAGE_NAME | String | Public Shared | "SetSecurityForm.aspx" |
| 303 | PROPERTY_PAGE_NAME | String | Public Shared | "ShowPropertyForm.aspx" |
| 304 | CHECKIN_PAGE_NAME | String | Public Shared | "CheckinForm.aspx" |
| 305 | FILENET_LOGON_FORM_URL | String | Public Shared | "FileNETLogonForm.aspx" |
| 306 | CONFIG_LOGON_FORM_URL | String | Public Shared | "Default.aspx" |
| 307 | VERSION_PAGE_NAME | String | Public Shared | "VersionForm.aspx" |
| 308 | DBTYPE_ORACLE | String | Public Shared | "ORACLE" |
| 309 | DBTYPE_SQL | String | Public Shared | "SQL" |
| 310 | FLAG_TRUE | String | Public Shared | "TRUE" |
| 311 | FLAG_FALSE | String | Public Shared | "FALSE" |
| 312 | IDM_DATE_FORMAT | String | Public Shared | "yyyyMMddTHHmmsZ" |
| 313 | CIS_DATE_FORMAT_CS | String | Public Shared | "M/d/yyyy" |
| 314 | CIS_DATE_FORMAT_IS | String | Public Shared | "M/d/yyyy" |
| 315 | CISERRORPAGE_URL | String | Public Shared | "CISErrorPage.aspx" |
| 316 | APP_CISCONFIGINFO | String | Public Shared | "CISConfigInfo" |
| 317 | APP_LOGWRITER | String | Public Shared | "LogWriter" |
| 318 | APP_RESOURCEMANAGER | String | Public Shared | "ResourceManager" |
| 319 | SES_SIEBELAPPLICATION | String | Public Shared | "SiebelApplicationObject" |
| 320 | CIS_CONFIGINFO_XMLFILE | String | Public Shared | "CIS\CISConfig.XML" |
| 321 | IS_IMAGE_URL | String | Public Shared | "/CIS/Images/sislib.gif" |
| 322 | CS_IMAGE_URL | String | Public Shared | "/CIS/Images/sdslib.gif" |
| 323 | FILENET_IMAGE_URL | String | Public Shared | "/CIS/Images/neigh.gif" |
| 324 | CALENDER_IMAGE_URL | String | Public Shared | "Images/calendar.gif" |

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| 325 | USER_PERMISSION_IMAGE_URL | String | Public Shared | "images/user.gif" |
| 326 | GROUP_PERMISSION_IMAGE_URL | String | Public Shared | "images/group.gif" |
| 327 | USER_TYPE_PERMISSION | String | Public Shared | "0" |
| 328 | GROUP_TYPE_PERMISSION | String | Public Shared | "1" |
| 329 | SEC_DEFAULT_PERMISSION | String | Public Shared | "(ANYONE)" |
| 330 | COOKIE_SUFFIX_USERNAME | String | Public Shared | "_UserName" |
| 331 | COOKIE_SUFFIX_GROUPNAME | String | Public Shared | "_GroupName" |
| 332 | COOKIE_SUFFIX_PASSWORD | String | Public Shared | "_Password" |
| 333 | DOCCLASS_IMAGE_URL | String | Public Shared | "/CIS/Images/sfolder.gif" |
| 334 | OPENED_DOCCLASS_IMAGE_URL | String | Public Shared | "/CIS/Images/sfolderopen.gif" |
| 335 | CHECKEDOUT_URL | String | Public Shared | "Images/checkedout.gif" |
| 336 | NOT_CHECKEDOUT_URL | String | Public Shared | "Images/spacer.gif" |
| 337 | IMAGES_FOLDER | String | Public Shared | "/Images" |
| 338 | INTERACTIVEMODE_STANDARD | String | Public Shared | "STANDARD" |
| 339 | INTERACTIVEMODE_HIGH | String | Public Shared | "HIGH" |
| 340 | DEFAULTVIEWINGACTION_VIEW | String | Public Shared | "VIEW" |
| 341 | DEFAULTVIEWINGACTION_OPEN | String | Public Shared | "OPEN" |
| 342 | LOGONMETHOD_INTERACTIVE | String | Public Shared | "INTERACTIVE" |
| 343 | LOGONMETHOD_SSO | String | Public Shared | "SSO" |
| 344 | LOGONMETHOD_NTSHARED | String | Public Shared | "NTSHARED" |
| 345 | LIBRARY_TYPE_IS | String | Public Shared | "IS" |
| 346 | LIBRARY_TYPE_CS | String | Public Shared | "CS" |
| 347 | CUSTOM_LDAP_COM_PROGID | String | Public Shared | "FnCISLDAP.FnCISLDAP" |
| 348 | CIS_ERR_FILE_NAME | String | Public Shared | "\CISError" |
| 349 | CIS_ERR_FILE_EXT | String | Public Shared | ".Log" |
| 350 | HIGHLIGHT_ROW_COLOR | String | Public Shared | "#efef99" |
| 351 | NORMAL_ROW_COLOR | String | Public Shared | "white" |
| 352 | MESSAGELABEL_CSSCLASS | String | Public Shared | "MessageLabel" |
| 353 | ERRORLABEL_CSSCLASS | String | Public Shared | "ErrorLabel" |
| 354 | ARR_SPL_CHARS | String() | Public Shared | {"%", |
| 355 | ARR_ESC_CHARS | String() | Public Shared | {"ZZZ01", |
| 356 | ARR_JAVAVIEWER_SUPPORTED_MIME_TYPES | String() | Public Shared | {"image/tiff", |
| 357 | INDICATOR_MANDATORY_FIELD | String | Public Shared | "**" |

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|-----|-------------------------|--------|---------------|---------------------------------|
| 358 | SIEBEL_UNMAPPED_FIELD | String | Public Shared | "UnMapped" |
| 359 | DATAROWSTATE_ADDED | String | Public Shared | "Added" |
| 360 | DATAROWSTATE_DELETED | String | Public Shared | "Deleted" |
| 361 | DATAROWSTATE_MODIFIED | String | Public Shared | "Modified" |
| 362 | SECURITY_ACCESS_NONE | String | Public Shared | "None" |
| 363 | SECURITY_ACCESS_VIEWER | String | Public Shared | "Viewer" |
| 364 | SECURITY_ACCESS_AUTHOR | String | Public Shared | "Author" |
| 365 | SECURITY_ACCESS_OWNER | String | Public Shared | "Owner" |
| 366 | SECURITY_ACCESS_ADMIN | String | Public Shared | "Admin" |
| 367 | SECURITY_ACCESS_READ | String | Public Shared | "Read" |
| 368 | SECURITY_ACCESS_WRITE | String | Public Shared | "Write" |
| 369 | SECURITY_ACCESS_APPEND | String | Public Shared | "Append/Execute" |
| 370 | ATTR_BUSCOMPFIELDID | String | Public Shared | "BUSCOMPFIELDID" |
| 371 | ATTR_DOCCLASSFIELDID | String | Public Shared | "DOCCLASSFIELDID" |
| 372 | ATTR_MAPID | String | Public Shared | "MAPID" |
| 373 | ATTR_FIELDMAPID | String | Public Shared | "FIELDMAPID" |
| 374 | ATTR_PARENTBUSCOMPID | String | Public Shared | "PARENTBUSCOMPID" |
| 375 | ATTR_PARENTBUSCOMP | String | Public Shared | "PARENTBUSCOMPNAME" |
| 376 | DB_CONFIG_FILENET | String | Public Shared | "DBCONFIG_FILENET" |
| 377 | DB_CONFIG_SIEBEL | String | Public Shared | "DBCONFIG_SIEBEL" |
| 378 | DB_CONFIG_PARENTBC | String | Public Shared | "DBCONFIG_PARENTBC" |
| 379 | DB_CONFIG_MAP | String | Public Shared | "DBCONFIG_MAP" |
| 380 | DB_CONFIG_LINKRULES | String | Public Shared | "DBCONFIG_LINKRULES" |
| 381 | DB_CONFIG_FILENET_URL | String | Public Shared | "ConfigureFileNETTables.aspx" |
| 382 | DB_CONFIG_SIEBEL_URL | String | Public Shared | "ConfigureCISSiebelTables.aspx" |
| 383 | DB_CONFIG_PARENTBC_URL | String | Public Shared | "ConfigureParentBCTables.aspx" |
| 384 | DB_CONFIG_MAP_URL | String | Public Shared | "ConfigureMapTables.aspx" |
| 385 | DB_CONFIG_LINKRULES_URL | String | Public Shared | "ConfigureLinkRulesTable.aspx" |
| 386 | ATTR_CREATE_ACTIVITY | String | Public Shared | "CREATEACTIVITY" |
| 387 | ATTR_RULEMATCH_ACTION | String | Public Shared | "RULEMATCHACTION" |
| 388 | ATTR_RULEID | String | Public Shared | "RULEID" |
| 389 | ATTR_USEREXITDATA | String | Public Shared | "USEREXITDATA" |

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| 390 | ATTR_USEREXIT | String | Public Shared | "USEREXIT" |
| 391 | ATTR_VALUE_REQUIRED_FOR_MATCH | String | Public Shared | "VALUEREQUIREDFORMAT CH" |
| 392 | DB_CONFIG_SELECT_OPTION_LABEL | String | Public Shared | "DB_CONFIG_SELECT_OPT ION_LABEL" |
| 393 | DB_CONFIG_SELECT_BUSCOMP_LABEL | String | Public Shared | "DB_CONFIG_SELECT_BUS COMP_LABEL" |
| 394 | DB_CONFIG_SELECT_LIBRARY_LABEL | String | Public Shared | "DB_CONFIG_SELECT_LIBR RARY_LABEL" |
| 395 | DB_CONFIG_SELECT_DOCCLASS_LABE L | String | Public Shared | "DB_CONFIG_SELECT_DOC CLASS_LABEL" |
| 396 | DB_CONFIG_SELECT_DOCCLASSFIELD _LABEL | String | Public Shared | "DB_CONFIG_SELECT_DOC CLASSFIELD_LABEL" |
| 397 | DB_CONFIG_SELECT_BUSCOMPFIELD_ LABEL | String | Public Shared | "DB_CONFIG_SELECT_BUS COMPFIELD_LABEL" |
| 398 | DB_CONFIG_SELECT_PARENT_BUSCO MP_LABEL | String | Public Shared | "DB_CONFIG_SELECT_PAR ENT_BUSCOMP_LABEL" |
| 399 | DB_CONFIG_FOREIGNKEY_LABEL | String | Public Shared | "DB_CONFIG_FOREIGNKEY _LABEL" |
| 400 | DB_CONFIG_DATAGRID_FOREIGNKEY_ LABEL | String | Public Shared | "DB_CONFIG_DATAGRID_F OREIGNKEY_LABEL" |
| 401 | DB_CONFIG_ADD_BUTTON_LABEL | String | Public Shared | "DB_CONFIG_ADD BUTTO N_LABEL" |
| 402 | DB_CONFIG_DATAGRID_BUSCOMP | String | Public Shared | "DB_CONFIG_DATAGRID_B USCOMP" |
| 403 | DB_CONFIG_DATAGRID_PARENTBUSC OMP | String | Public Shared | "DB_CONFIG_DATAGRID_P ARENTBUSCOMP" |
| 404 | DB_CONFIG_DATAGRID_BUSCOMPFIEL D | String | Public Shared | "DB_CONFIG_DATAGRID_B USCOMPFIELD" |
| 405 | DB_CONFIG_DATAGRID_LIBRARY | String | Public Shared | "DB_CONFIG_DATAGRID_LI BRARY" |
| 406 | DB_CONFIG_DATAGRID_DOCCLASS | String | Public Shared | "DB_CONFIG_DATAGRID_D OCCLASS" |
| 407 | DB_CONFIG_DATAGRID_DOCCLASSFIE LD | String | Public Shared | "DB_CONFIG_DATAGRID_D OCCLASSFIELD" |
| 408 | DB_CONFIG_CANBEINDEXED | String | Public Shared | "DB_CONFIG_CANBEINDEX ED" |
| 409 | DB_CONFIG_CANBEDISPLAYED | String | Public Shared | "DB_CONFIG_CANBEDISPL AYED" |
| 410 | DB_CONFIG_CANBEQUERIED | String | Public Shared | "DB_CONFIG_CANBEQUERI ED" |
| 411 | DB_CONFIG_VALUEREQUIRED | String | Public Shared | "DB_CONFIG_VALUEREQUI |

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| 412 | DB_CONFIG_RULEID | String | Public Shared | "DB_CONFIG_RULEID" |
| 413 | DB_CONFIG_USEREXITDATA | String | Public Shared | "DB_CONFIG_USEREXITDATA" |
| 414 | DB_CONFIG_RULEMATCHACTION | String | Public Shared | "DB_CONFIG_RULEMATCHACTION" |
| 415 | DB_CONFIG_CREATEACTIVITY | String | Public Shared | "DB_CONFIG_CREATEACTIVITY" |
| 416 | DB_CONFIG_DATAGRID_RULEID | String | Public Shared | "DB_CONFIG_DATAGRID_RULEID" |
| 417 | DB_CONFIG_DATAGRID_USEREXITDATA | String | Public Shared | "DB_CONFIG_DATAGRID_USEREXITDATA" |
| 418 | DB_CONFIG_DATAGRID_RULEMATCHACTION | String | Public Shared | "DB_CONFIG_DATAGRID_RULEMATCHACTION" |
| 419 | ERROR_DB_RECORD_ALREADY_EXISTS | String | Public Shared | "CIS-1100" |
| 420 | CIS_CONFIGURATION | String | Public Shared | "CIS_CONFIGURATION" |
| 421 | CIS_DB_CONFIGURATION | String | Public Shared | "CIS_DB_CONFIGURATION" |
| 422 | ADD_DOC | String | Public Shared | "AddDocument" |
| 423 | UPDATE_DOC | String | Public Shared | "UpdateDocument" |
| 424 | TAG_DOCS | String | Public Shared | "DOCS" |
| 425 | TAG_INDICES | String | Public Shared | "INDICES" |
| 426 | SES_INDICES_XML | String | Public Shared | "INDICESXML" |
| 427 | SES_PARENT_PAGE | String | Public Shared | "ParentPage" |
| 428 | SES_FN_CUSTOM_PROP_XML | String | Public Shared | "FnCustomPropertyXML" |
| 429 | SES_FN_GENERAL_PROP_XML | String | Public Shared | "FnGeneralPropertyXML" |
| 430 | CONTROL_LABEL | String | Public Shared | "Label" |
| 431 | CONTROL_TEXTBOX | String | Public Shared | "TextBox" |
| 432 | CONTROL_DROPDOWNLIST | String | Public Shared | "DropDownList" |
| 433 | CONTROL_CHECKBOX | String | Public Shared | "CheckBox" |
| 434 | ATTR_RENDER_CONTROL_AS | String | Public Shared | "RenderAs" |
| 435 | CHOICE_GEN_PROP_ARCHIVE_DELETE_1 | String | Public Shared | "CHOICE_GEN_PROP_ARCHIVE_DELETE_1" |
| 436 | CHOICE_GEN_PROP_ARCHIVE_DELETE_2 | String | Public Shared | "CHOICE_GEN_PROP_ARCHIVE_DELETE_2" |
| 437 | CHOICE_GEN_PROP_ARCHIVE_DELETE_3 | String | Public Shared | "CHOICE_GEN_PROP_ARCHIVE_DELETE_3" |
| 438 | CHOICE_GEN_PROP_DOCEXPIRATION | String | Public Shared | "CHOICE_GEN_PROP_DOC" |

| | | | | |
|-----|-----------------------------------|--------|---------------|--------------------------------------|
| | 1 | | | EXPIRATION_1" |
| 439 | CHOICE_GEN_PROP_DOCEXPIRATION_2 | String | Public Shared | "CHOICE_GEN_PROP_DOC EXPIRATION_2" |
| 440 | GEN_PROPS_ARCHIVALORDELETION_NAME | String | Public Shared | "F_RETENTBASE" |
| 441 | GEN_PROPS_ADDITIONALMONTHS_NAME | String | Public Shared | "F_RETENTOFFSET" |
| 442 | GEN_PROPS_DOCEXPIRATION_NAME | String | Public Shared | "F_RETENTDISP" |
| 443 | GEN_PROPS_TITLE_NAME | String | Public Shared | "idmName" |
| 444 | ISGENERALPROPERTIES_URL | String | Public Shared | "ISGeneralProperties.aspx" |
| 445 | CSGENERALPROPERTIES_URL | String | Public Shared | "CSGeneralProperties.aspx" |
| 446 | CUSTOM_PROPERTIES_URL | String | Public Shared | "CustomProperties.aspx" |
| 447 | SES_PROP_LIBRARY_NAME | String | Public Shared | "GeneralPropLibraryName" |
| 448 | SES_PROP_DOCCLASS_NAME | String | Public Shared | "GeneralPropDocClassName" |
| 449 | SES_PROP_DOCID | String | Public Shared | "GeneralPropDocID" |
| 450 | SES_PROP_RETURNURL | String | Public Shared | "GeneralPropReturnURL" |
| 451 | SES_PROP_SHOWCUSTOM | String | Public Shared | "GeneralPropShowCustom" |
| 452 | PERMTYPE_USER | String | Public Shared | "0" |
| 453 | PERMTYPE_GROUP | String | Public Shared | "1" |
| 454 | PROPS_DOCID_IS | String | Public Shared | "PROPS_DOCID_IS_LABEL" |
| 455 | PROPS_DOCID_CS | String | Public Shared | "PROPS_DOCID_CS_LABEL" |
| 456 | GEN_PROPS_DOCUMENT | String | Public Shared | "GEN_PROPS_DOCUMENT LABEL" |
| 457 | PROPS_DOCCLASS | String | Public Shared | "PROPS_DOCCLASS_LABEL" |
| 458 | PROPS_TYPE | String | Public Shared | "PROPS_TYPE_LABEL" |
| 459 | PROPS_LIBRARY | String | Public Shared | "PROPS_LIBRARY_LABEL" |
| 460 | GEN_PROPS_CREATED | String | Public Shared | "GEN_PROPS_CREATED_LABEL" |
| 461 | GEN_PROPS_FORMAT | String | Public Shared | "GEN_PROPS_FORMAT_LABEL" |
| 462 | GEN_PROPS_PAGES | String | Public Shared | "GEN_PROPS_PAGES_LABEL" |
| 463 | GEN_PROPS_ARCHIVALORDELETION | String | Public Shared | "GEN_PROPS_ARCHIVALORDELETION_LABEL" |
| 464 | GEN_PROPS_ADDITIONALMONTHS | String | Public Shared | "GEN_PROPS_ADDITIONAL MONTHS_LABEL" |

| | | | | |
|-----|-------------------------------|--------|---------------|---------------------------------------|
| 465 | GEN_PROPS_DOCEXPIRATION | String | Public Shared | "GEN_PROPS_DOCEXPIRATION_LABEL" |
| 466 | GEN_PROPS_ARCHIVEORDELETEDATE | String | Public Shared | "GEN_PROPS_ARCHIVEORDELETEDATE_LABEL" |
| 467 | GEN_PROPS_UNSPECIFIEDDATE | String | Public Shared | "GEN_PROPS_UNSPECIFIEDDATE_LABEL" |
| 468 | GEN_PROPS_TITLE | String | Public Shared | "GEN_PROPS_TITLE_LABEL" |
| 469 | GEN_PROPS_VERSION | String | Public Shared | "GEN_PROPS_VERSION_LABEL" |
| 470 | GEN_PROPS_ACCESS | String | Public Shared | "GEN_PROPS_ACCESS_LABEL" |
| 471 | GEN_PROPS_AVAILABILITY | String | Public Shared | "GEN_PROPS_AVAILABILITY_LABEL" |
| 472 | GEN_PROPS_INDEXED | String | Public Shared | "GEN_PROPS_INDEXED_LABEL" |
| 473 | GEN_PROPS_CHECKOUTUSER | String | Public Shared | "GEN_PROPS_CHECKOUTUSER_LABEL" |
| 474 | GEN_PROPS_CHECKOUTGROUP | String | Public Shared | "GEN_PROPS_CHECKOUTGROUP_LABEL" |
| 475 | GEN_PROPS_CHECKOUTON | String | Public Shared | "GEN_PROPS_CHECKOUTON_LABEL" |
| 476 | GEN_PROPS_INDEXED_YES | String | Public Shared | "GEN_PROPS_INDEXED_YES" |
| 477 | GEN_PROPS_INDEXED_NO | String | Public Shared | "GEN_PROPS_INDEXED_NO" |
| 478 | SES_ENABLE_SAVE_BUTTON | String | Public Shared | "PropEnableSaveButton" |
| 479 | ATTR_HASCVL | String | Public Shared | "HasCVL" |
| 480 | ATTR_HASEVL | String | Public Shared | "HasEVL" |
| 481 | ATTR_HASMENU | String | Public Shared | "HasMenu" |
| 482 | BACKTODDL_IMAGE_URL | String | Public Shared | "images/Combo_BackToDDL.gif" |
| 483 | BACKTOTB_IMAGE_URL | String | Public Shared | "images/Combo_BackToTB.gif" |
| 484 | TAG_INDEX | String | Public Shared | "Index" |
| 485 | TAG_VALUE | String | Public Shared | "Value" |
| 486 | ATTR_PROPERTYTYPE | String | Public Shared | "PropertyType" |
| 487 | PROPERTYTYPE_EVL | String | Public Shared | "PropertyTypeEVL" |
| 488 | PROPERTYTYPE_DATE | String | Public Shared | "PropertyTypeDate" |
| 489 | PROPERTYTYPE_CVL | String | Public Shared | "PropertyTypeCVL" |

| | | | | |
|-----|--|--------|---------------|--|
| 490 | PROPERTYTYPE_MENU | String | Public Shared | "PropertyTypeMenu" |
| 491 | SES_CHOICE_HASHTABLE | String | Public Shared | "ChoicesHashTable" |
| 492 | VIEWER_DOWNLOAD_LABEL_HEADER | String | Public Shared | "Viewer_Download_Label_He ader" |
| 493 | VIEWER_DOWNLOAD_LABEL_TITLE1 | String | Public Shared | "Viewer_Download_Label_Titl e1" |
| 494 | VIEWER_DOWNLOAD_LABEL_TITLE2 | String | Public Shared | "Viewer_Download_Label_Titl e2" |
| 495 | VIEWER_DOWNLOAD_LABEL_FULLOPTI ON | String | Public Shared | "Viewer_Download_Label_Ful lOption" |
| 496 | VIEWER_DOWNLOAD_LABEL_FULLOPTI ON_INFO | String | Public Shared | "Viewer_Download_Label_Ful lOption_Info" |
| 497 | VIEWER_DOWNLOAD_LABEL_TYPICALO PTION | String | Public Shared | "Viewer_Download_Label_Ty picalOption" |
| 498 | VIEWER_DOWNLOAD_LABEL_TYPICALO PTION_INFO | String | Public Shared | "Viewer_Download_Label_Ty picalOption_Info" |
| 499 | VIEWER_DOWNLOAD_BUTTON_CONTIN UE | String | Public Shared | "Viewer_Download_Button_C ontinue" |
| 500 | AUTO_DOWNLOAD_VIEWER_LABEL_HE ADER | String | Public Shared | "Auto_Download_Viewer_Lab el_Header" |
| 501 | AUTO_DOWNLOAD_VIEWER_LABEL_TIT LE1 | String | Public Shared | "Auto_Download_Viewer_Lab el_Title1" |
| 502 | AUTOVIEWER_DOWNLOAD_LABEL_STE P1 | String | Public Shared | "Auto_Download_Viewer_Lab el_Step1" |
| 503 | AUTO_DOWNLOAD_VIEWER_LABEL_ST EP2 | String | Public Shared | "Auto_Download_Viewer_Lab el_Step2" |
| 504 | AUTO_DOWNLOAD_VIEWER_LABEL_ST EP3 | String | Public Shared | "Auto_Download_Viewer_Lab el_Step3" |
| 505 | AUTO_DOWNLOAD_VIEWER_LABEL_ST EP4 | String | Public Shared | "Auto_Download_Viewer_Lab el_Step4" |
| 506 | AUTO_DOWNLOAD_VIEWER_LABEL_ST EP5 | String | Public Shared | "Auto_Download_Viewer_Lab el_Step5" |
| 507 | AUTO_DOWNLOAD_VIEWER_LABEL_RE TURNTOCIS | String | Public Shared | "Auto_Download_Viewer_Lab el_ReturnToCIS" |
| 508 | AUTO_DOWNLOAD_VIEWER_LABEL_FU LLDOWNLOADLINK | String | Public Shared | "Auto_Download_Viewer_Lab el_FullDownloadLink" |
| 509 | AUTO_DOWNLOAD_VIEWER_LABEL_TY PICALDOWNLOADLINK | String | Public Shared | "Auto_Download_Viewer_Lab el_TypicalDownloadLink" |
| 510 | IDMVIEWER_DOWNLOAD_SCREEN | String | Public Shared | "IDMViewerDownLoad.aspx" |
| 511 | IDMVIEWER_AUTODOWNLOAD_SCREEN | String | Public Shared | "IDMAutoDownLoadViewer.as px" |

| | | | | |
|-----|---------------------------------|--------|---------------|-------------------------------------|
| 512 | IDMVIEWER_DOWNLOAD_TYPE | String | Public Shared | "IDMViewerDownLoadType" |
| 513 | IDMVIEWER_DOWNLOAD_TYPE_TYPICAL | String | Public Shared | "IDMViewerDownLoadTypical" |
| 514 | IDMVIEWER_DOWNLOAD_TYPE_FULL | String | Public Shared | "IDMViewerDownLoadFull" |
| 515 | IDMVIEWER_DOWNLOAD_SIZE | String | Public Shared | "IDMViewerDownLoadSize" |
| 516 | VIEWER_FULL | String | Public Shared | "viewer.exe" |
| 517 | VIEWER_TYPICAL | String | Public Shared | "viewer2.exe" |
| 518 | FILENET_REGISTRY_KEY | String | Public Shared | "Software\Filenet\ldm\Web-Specific" |
| 519 | IDMWS_REGISTRY_NAME | String | Public Shared | "WebDocVDir" |
| 520 | DOWNLOAD_REGISTRY_KEY | String | Public Shared | "/redist/download/" |
| 521 | FILESYSTEMOBJECT_PROGID | String | Public Shared | "Scripting.FileSystemObject" |
| 522 | MESSAGE_LOGGINGOFF_LIBRARIES | String | Public Shared | "Message_logoff_Libraries" |

Using the CISFormUtil Interface

This class contains the common methods used by ACS7 Web Forms.

CISFormUtil

HandleError

Syntax

```
Public Sub HandleError(ByRef a_ErrorMessageLabel As System.Web.UI.WebControls.Label, ByVal a_objException As Exception)
```

Description

This method is used for handling the error occurring on the ACS7 pages. This method sets the text property of the ErrorMessageLabel ASP control and logs the error in the error log file.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
|--------|---------------|-----------|-------------|

| | | | |
|---|---------------------|---------------------------------|---|
| 1 | a_ErrorMessageLabel | System.Web.UI.WebControls.Label | ASP Label control which displays the error message on the web forms. Passed by reference. |
| 2 | a_objException | Exception | Exception object containing the type of exception and the error message. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| None | | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```
Dim l_objCISFormUtil As New CISFormUtil()
Create an ASP label control on the web page. Let its name
be ErrorMessageLabel
Create an exception object with any error message. Let
its name be l_objException.
l_objCISFormUtil.HandleError(ErrorMessageLabel,l_objexcep
tion)
```

ValidateSession**Syntax**

```
Public Sub ValidateSession(ByVal a_objPage As System.Web.UI.Page)
```

Description

This Method is used to validate the user session and throw an exception if the user session is invalid.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|--------------------|---|
| 1 | a_objPage | System.Web.UI.Page | The page for which the session has to be validated. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

```
Dim l_objCISFormUtil As New CISFormUtil()

`Create an ASP page (l_objPage) whose session has to be
validated.

l_objCISFormUtil.ValidateSession(l_objPage)
```

SaveProperties**Syntax**

```
Public Sub SaveProperties()
```

Description

This Method is used to save the properties of the document.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|---------------|-----------|-------------|
| | None | | |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

```

`Set the value SES_FN_CUSTOM_PROP_XML and
SES_FN_GENERAL_PROP_XML session variables of CISGlobals
class.

Dim l_objCISFormUtil As New CISFormUtil()
l_objCISFormUtil.SaveProperties()

```

AddCalenderControl

Syntax

```
Public Sub AddCalenderControl (ByVal a_strControlID As String, ByVal a_objTableCell As
System.Web.UI.WebControls.TableCell, Optional ByVal a_blnEnableSaveButton As
Boolean = True)
```

Description

This Method is used for adding the calendar control on the Table cell, which is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|-----------------------|-------------------------------------|--|
| 1 | a_strControlID | String | ID of the control in which the value of the calendar control is populated. |
| 2 | a_objTableCell | System.Web.UI.WebControls.TableCell | Table cell control in which the calendar control is added |
| 3 | a_blnEnableSaveButton | Boolean | If True- then Save Button is enabled on click of calendar control on the page, else it will be disabled. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
|--------|-----------|-------------|

| |
|------|
| None |
|------|

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| None | | |

Example

``l_strControlID` is the ID of the control in which the value of calendar control is to be populated.

``l_objTableCell` is the control in which the calendar control is to be added

```
Dim l_objCISFormUtil As New CISFormUtil()
l_objCISFormUtil.AddCalenderControl(l_strControlID,l_objT
ableCell)
```

AddChoiceControl**Syntax**

```
Public Sub AddChoiceControl (ByVal a_strControlID As String, ByVal a_strPropName As
String, ByVal a_strControlType As String, ByRef a_objTableCell As
System.Web.UI.WebControls.TableCell, ByVal ChoiceButtonClickedMethod As
System.Web.UI.ImageClickEventHandler)
```

Description

This Method is used for adding the choice control on the Table cell, which is passed as an input parameter to the function.

Input parameters

| Sr.No. | Variable Name | Data Type | Description |
|--------|----------------|-------------------------------------|--|
| 1 | a_strControlID | String | ID of the control in which the value of the choice control is populated. |
| 2 | a_strPropName | String | Name of the property whose choices will be populated. |
| 3 | a_objTableCell | System.Web.UI.WebControls.TableCell | Table cell control in which the choice |

| | | | |
|---|---------------------------|--------------------------------------|--|
| | | | control is added |
| 4 | ChoiceButtonClickedMethod | System.Web.UI.ImageClickEventHandler | Name of the method to be called on click of choice button. |

Return value

| Sr.No. | Data Type | Description |
|--------|-----------|-------------|
| | None | |

Exceptions thrown

| Sr.No. | Name of Exception | Scenario |
|--------|-------------------|----------|
| | None | |

Example

``l_strControlID` is the ID of the control in which the value of choice control is to be populated.

``l_objTable` is Cell in which the control in which the choice control is to be added

``ChoiceButtonClicked` is the name of the method, which will be called on the click of choice button control

``l_strPropName` is the name of the property whose values will be populated in the choice control

```
Dim l_objCISFormUtil As New CISFormUtil()
```

```
l_objCISFormUtil.AddChoiceControl(l_strControlID,l_strPropName,l_objTableCell,ChoiceButtonClicked)
```

Appendix A

Exception handling

ACS7 defines custom exceptions that are thrown from data access objects (DBInteraction, FNInteraction and SiebelInteraction classes). The Request Handler class handles these exceptions. Any other exception being thrown by the data access objects is wrapped in CISException and then thrown again. The ASPX pages catch all exceptions, displays the description on the Error Label and log the exception along with the stack trace in the error log file.

User session management

ACS7 uses the in-built mechanism of Open Client FNSessionDP Data Provider for session management. For each user session, a new logon is attempted for each library; this is irrespective of whether the same user has logged on into a library from another system. On a FileNet Library logon, the library and the corresponding login ID are stored in session level variables for posterity. Whenever the user requests services from a library, these session level variables are looked up to check for an existing valid session.

A FileNet library logon session is terminated, on ACS7 application's Session Time out, which can be configured in the web.config file or when the user terminates the Siebel application session. If Siebel user accesses same FileNet library after expiry of ACS7 logon session, a new FileNet logon will be performed.

Connection to FileNet library

ACS7 provides following methods for logon into FileNet libraries:

- **Interactive Logons** - Open clients FnSessionDP provider object is used for logging into a FileNet library. Once the user is logged in into a particular library, then the connection to the library persists till the session is alive. The logon credentials are also stored in the cookies.
- **SSO (Single Sign On)** – User can logon silently in the FileNet libraries if a Siebel user has valid mapped FileNet user configured in the FileNet libraries. Logon using SSO can be configured using *ACS7 Configuration Tool*.

- **NT Shared** – User can also logon to FileNet libraries if the user's NT credentials are configured in the FileNet libraries. Logon using NT shared credentials can be configured using *ACS7 Configuration Tool*.

Connection to Siebel Server

A single instance of Siebel application object is used for a user-session.

Connection to ACS7 database

Connection pooling in ACS7 database is achieved by using built-in features of OLE DB .NET Data Provider and SQL Server .NET Data Provider. The connection to the database, if used, is provided to the connection pool after every operation on the ACS7 page. The following connection string arguments are used to enable and configure pooling.

| Argument name | Default |
|---------------------------------------|---------|
| Connection Lifetime | 0 |
| Connection Reset | 'true' |
| Enlist | 'true' |
| Max Pool Size | 100 |
| Min Pool Size | 0 |
| Pooling (for SqlConnection) | 'true' |
| OLE DB Services (for OLEDBConnection) | '-1' |

Data transfer between components of ACS7 3.2

XML data formats are used in CIS where complex data structures need to be passed between ACS7 components.

For example, the search criteria (that contains multiple criterions, each having a field name, operator and value) are passed from the ASPX to the Request Handler in the form of XML. The Request Handler parses the XML and retrieves requisite information.

Configuration information in ACS7 is also stored in XML format for ease of manipulation.

Appendix B

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