IBM WebSphere® Data Interchange V3.3

Client Change Overview

Agenda

- Overview

- WDI Client security

- Audit Trail

- Record identifier

- List window enhancements

- Editor changes

- Document Store

- Functional areas

- Submitting work to WDI Server

- Preferences and database options

- Object properties

- Other changes

- Summary

Overview

- Added security and Audit Trail

- Ability to submit work to WDI Server

- Enhanced the Document Store

- International character sets
  - List window and some editors

- Record Identifier enhancement

- WDI Server event handling

- Other enhancements

WDI Client security

- **Optional Role Based Access Control**
  - ▶ Restricts what object types a user can view
  - ▶ Restricts what functions a user can perform
  - ▶ System specific
  - ▶ Supported in the Configuration database

- **Use System Editor or Configuration database options to enable or disable**

- **Applies to all users of the System**

WDI Client Security (continued)

- **Optional Access Group support**

  - ▸ Restricts which specific objects a user can see in list windows

  - ▸ System specific

  - ▸ Not available in the Configuration database

- **Use System Editor to enable or disable**

- **Applies to all users of the System**

WDI Client Security (continued)

- ## New object types to support security
  - ▶ Roles
  - ▶ Access Groups
  - ▶ User ID Definitions
    - ▪ &WDIUSER

- ## Located in Security Functional Area
  - ▶ View->Administration->Security
  - ▶ View->Administration->Configuration Database->Security

- ## Assign objects to an Access Group using Object Properties

Audit Trail

- **Optional Audit Trail support**
  - ▸ Documents change events
    - ▪ Does not document the changes themselves
  - ▸ System specific
  - ▸ Supported in the Configuration database

- **Use System Editor or Configuration database options to enable or disable**

- **Applies to all users of the System**

- **Located in Audit Trail Functional Area**
  - ▸ View->Audit Trail
  - ▸ View->Administration->Configuration Database->Audit Trail

Record identifier

- ## Still supports:
  - ▶ C&D Record format
  - ▶ Raw data with record ID in same position and length

- ## Added support:
  - ▶ Raw data with different record ID positions and length
  - ▶ Raw data with multiple fields used for the record ID

List window enhancements

- ## List view
  - ▶ Right click popup menu
  - ▶ Sort by clicking on a column header
  - ▶ Reorder columns by dragging column headers
  - ▶ Show and hide columns by right clicking on a column header
  - ▶ Export list window contents
  - ▶ Folder column

- ## Tree view
  - ▶ Selected objects can group into "folders"
  - ▶ Also supports the right click popup menu

Editor changes

- **Data Formats**
  - ▶ Details tab page
  - ▶ Record ID

- **Standards**
  - ▶ Details tab page
  - ▶ Notes

- **Application Defaults profile**
  - ▶ Event handling
  - ▶ Document Store

- **Trading Partner profile**
  - ▶ Contacts tab page

- **Send Maps and Receive Maps**
  - ▶ Details tab page

Document Store

- **Formally called the "Transaction Store"**

- **Includes the existing "Transaction Store" objects**

- **Now includes XML and Data Format documents**

- **Existing WDI Server functions…**
  - ▶ Moved to WDI Client
  - ▶ Includes list window to view results

- **"Document Store" disabled on default System**

Functional areas

- **Setup Functional Area divided into:**
  - ▶ Adapters
  - ▶ Environment
  - ▶ Processing
  - ▶ Envelope Profiles

- **New Server Commands Functional Area**

- **Transaction Store renamed to Document Store**

- **Mapping Functional Area**
  - ▶ Code Lists included here and in EDI Standards

- **CICS Performance and Activity Log profiles deleted**

- **Event Destination and Data Reference profiles added**

Functional areas: Adapters Functional Area

- **Mailbox profile**

- **Network profile**

- **Network Commands profiles**

- **Network Security profile**

- **Queue profile**
  - Renamed from MQSeries Queue profile

- **Continuous Receive profile**
  - New fields – for common error handling

Functional areas: Environment Functional Area

- **Application Defaults Profile**

  ▶ New fields – for WDI Server's event handling

  ▶ New tab pages "Error Handling", "Associated Error Messages" – for common event handling

  ▶ More options for Document Store support

- **Language Profile**

Functional areas: Processing Functional Area

- ## Service Profile
  - ▶ Restructured
  - ▶ File references replaced by Data References
  - ▶ Can be submitted to WDI Server for processing

- ## MCD Profile

- ## User Exits

- ## Event Destination
  - ▶ Part of common error handling

- ## Data References
  - ▶ Identifies a logical file used by WDI Server

Functional areas: Envelope Profiles

- ■ **Envelope Profiles moved here**

- ■ **All Envelope Profile Editors have been redesigned**
  - ▶ Include newer EDI standard envelope fields
  - ▶ More information about each field
  - ▶ Named according to the EDI Standard
  - ▶ Includes only fields that WDI Server will use a value from

Functional areas: Commands Functional Area

- ## Command Dictionary

  - ▶ Used to group Commands

- ## Server Command objects

  - ▶ Contains a PERFORM command

- ## Submissions

  - ▶ Used to view results from submitted Command objects, Service Profiles, Document Store items

Submitting work to WDI Server

- **The WDI Client can submit work to WDI Server**
  - ▸ Document Store
  - ▸ Service Profiles
  - ▸ Server Command objects

- **Disabled when using any WDI Client supplied database**

- **Viewing Results**
  - ▸ List window in the Commands Functional Area
  - ▸ List window in the Document Store Functional Area
  - ▸ In the Service Profile Editor
  - ▸ Will not see the list windows in any WDI Client supplied database

Preferences and database options

- Preferences update to contain only user specific application options

- Configuration database
  - ▶ New menu items supporting the Configuration database
  - ▶ Configuration Database Options
    - User specific options
    - System options
    - Audit Trail
    - Security

- System Editor
  - ▶ User specific options
  - ▶ System options
  - ▶ Audit Trail
  - ▶ Security

Object properties

- **Contains Folder name and/or Access Group**

- **Available for most objects**

- **Accessed using Object Properties on View menu**

- **Can be set in list window or editor**

Other changes

- "Event Log" disabled on default System

- Import window
  - ▶ Breaks out specific objects

- System Open and Close

- New attributes on SetElementAttribute()

- New mapping commands
  - ▶ ErrorContext()
  - ▶ FAErrorPath()

- Crystal Reports removed
  - ▶ Reports now display to a browser

Summary

- **Improved security options**
  - ▶ Role Based Access Control, Access Groups, Audit Trail

- **Improvements in usability**
  - ▶ List window, preferences, Systems, functional areas, new WDI Server functions supported by WDI Client

- **Increased Document Store function**
  - ▶ Data Formats, XML Documents, Submitting

- **Interaction with the WDI Server**
  - ▶ Commands, Service Profiles, Document Store

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