



IBM FileNet Content Services and IBM FileNet Content Manager Comparison

Introduction

This document presents a comparison between the functionality offered by FileNet Content Services accessed by the Open Client and the FileNet Content Manager Suite.

Interpreting The Matrix

Where indicated (i.e. with a “yes”), no additional customization or programming is required for this feature to be used. “N/A” means the feature is not applicable to that product. The Comments column details any additional comments that are deemed necessary to clarify the column markings further.

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments
Platform	Libraries	CS, IS	CE	CE, IS*	Configure metadata, set security, etc., CE can display content from both CE and IS repositories. The content from IS repositories are limited in functionality.
	User/Group Management	Yes	No Managed by DS	No Managed by DS	
	Directory Servers supported:	AD, Novell, iPlanet, NT Domain	AD, SunOneNovell	AD, SunOneNovell	
	Platforms	Win2k, Win2003, Solaris, HP-UX	Win2k, Win2003	Win2k, Win2003	
	Databases	SQL, Oracle	SQL, Oracle	SQL, Oracle, DB2	
	Large format viewer	Yes	Yes	Yes	CS supports more formats than CE
	Storage	None	Centera, NetApp	Centera, NetApp, NetApp SL	
Clients	Web	Open Client, IDM Web Services, Admin tool	Workplace	Workplace	
	Thick	IDM Desktop, Admin tool	AdminTool	AdminTool	

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments
Browser Support	508 compliant	Yes	Yes	Yes	CS: Open Client only
	HTML 4.0, CSS 2.0	Yes	Yes	Yes	Content Manager: Exceptions are the Designer applets for searching, publishing and workflow design. Content Manager: Browser needs to be capable of handling HTML 4.0 and CSS 2.0.
Integrations	Microsoft Office	Yes	Yes	Yes	
	Microsoft Outlook	Yes	Yes	Yes	
	Lotus Notes	Yes	No	No	
	Connector for SAP	Yes	No	No	
	Connector for Siebel	Yes	No	No	
	Portlets	mySAP, Plumtree, SharePoint	BEA, IBM	JSR-168	
	IBM CrossWorlds	No	Yes	No	
Applications	PWP	Yes	No	No	
	FN P8 WCM	No	Yes	Yes	
	WCM 5.1	Yes	No	No	
	TCM	No	Yes	Yes	
	RM	No	Yes	Yes	
	Forms	Yes	Yes	Yes	
	Email Capture	Yes	Yes	Yes	
	Capture Desktop	Yes	Yes	Yes	
	Capture Professional	Yes	No	No	
	IS	API Level	Limited	Yes	
	IBM FileNet Fax	Yes	Yes	Yes	
	Vignette	Yes	No	No	
APIs	PJava API	Yes	Yes	Yes	Content Services: using Content Services Java Connector
	COM API	Yes	Yes	Yes	Content Services: COM API is available via the IDM Desktop client libraries
	Case Management API	No	Orphaned	Orphaned	This was supported on FN P8 2.0.1 but was orphaned with the 3.0 release.
	Web Services API	No	Yes	Yes	
	ActiveX controls	Yes	No	No	
	APIs return XML	No	Yes	Yes	

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments
Standard APIs	WebDAV	Yes	Yes	Yes	CS: Vi IDM APIs
	ODBC	Yes	No	No	
	OleDb/ADO	Yes	Yes	Yes	
	FTP	No	No	No	
Bulk Import Operations	Batch APIs	No	Java, COM, WS	Java, COM, WS	CS: This is handled via Capture products
	Bulk Loader	Yes	Sample App &Partner - YTG	Sample App &Partner - YTG	CS: This is handled via Capture products
	Bulk Modify	Yes	Yes*	Yes*	CE: EM allows modification on the results of a search
	XML Import	No	Yes	Yes	XML can be loaded by the bulk loader or WebDAV. The XML classification framework can be used for further processing of the XML
Library Services	Metadata				
	Export of Metadata	No	Yes	Yes	
	Sequential Integer IDs	Yes	No	No	
	User-defined properties per Document (all versions)	Yes	No	No	
	User-defined properties per Documentversion	Yes	Yes	Yes	
	Intrinsic limits of number of properties	Yes	No	No	
	Intrinsic limits of number of classes	Yes	No	No	
	Intrinsic limits of number of choice lists	Yes	No	No	
	Multiple levels of partner subclassing	No	Yes	Yes	CS: no user-inheritance
	Shared properties across class definitions	No	Yes	Yes	
	Property Types				
	Binary	Yes	Yes	Yes	
	Boolean	Yes	Yes	Yes	
	Date/Time	Yes	Yes	Yes	
	Float	Yes	Yes	Yes	
	ID	Yes (int)	Yes (GUID)	Yes (GUID)	
	Integer	Yes	Yes	Yes	
	Object Value Property	No	Yes	Yes	
	Reflexive OVP	No	Yes	Yes	
	String	Yes	Yes	Yes	
100	Yes*	Yes	Yes		
Dependent Property	Yes	No	No	CS: When the first property changes, the dependent property's CVL changes to match. An example is Country and State.	

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments
Library Services	Choice Value Lists				
	String Type	Yes	Yes	Yes	<i>Extensible by the admin only</i>
	Integer Type	Yes	Yes	Yes	
	Named Value Pair	No	Yes	Yes	
	Modifiable	Yes	Yes	Yes	
	Usable for many properties	Yes	Yes	Yes	
	Hierarchical	No	Yes	Yes	
	Existing Value Lists				
	String	Yes	No	No	<i>Extensible by the user (and admin)</i>
	Integer	Yes	No	No	
	Named Value Pair	No	No	No	
	Modifiable	Yes	No	No	
	Usable for many properties	Yes	No	No	
	Link types				
	Cascade delete on Object relationships	No	Yes	Yes	
	Storage methods				
	Database Storage	No	Yes	Yes	
	File System Storage	Yes	Yes	Yes	
	Caching Service	Yes	Yes	Yes	
	Archiving	Yes	Yes via Windows	Yes via Windows	
	Centera	Yes	Yes	Yes	
	NetApp	Yes	Yes	Yes w/ SnapLock	
	Manage Disk Space	Yes	No	No	
	Core Functionality				
	Checkin/Checkout	Yes	Yes	Yes	
	File/Unfile	Yes	Yes	Yes	
	Delete	Yes	Yes	Yes	
Secure Delete	Yes	Yes	Yes	<i>CE: Scrubbing is defined at the FileStore level, not per document</i>	
Launch Workflow	Yes	Yes	Yes		
Restore	Yes	Partial*	Partial*	<i>CE has demote</i>	
Convert to PDF	Yes	Yes	Yes		
Convert to HTML	Yes	Yes	Yes		
Folder Containment	Filing a specific Document Version	Yes	Yes	Yes	
	Filing the Latest Document Version	Yes	Yes	Yes	
	Filing a Custom Object	Yes	Yes	Yes	
	Direct Containment for folder	Yes	Yes	Yes	
	Referentially filing a folder	No	Yes	Yes	

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments
Object Types	Document	Yes	Yes	Yes	
	Subclassable	Yes	Yes	Yes	
	Annotate	Yes	Yes	Yes	
	Versioning	1 level	2 level	2 level	
	Independently Securable	Yes	Yes	Yes	
	Custom Object	Yes	Yes	Yes	
	Subclassable	No	Yes	Yes	
	Annotate	No	Yes	Yes	
	Versioning	No	No	No	
	Independently Securable	Yes	Yes	Yes	
	Folder	Yes	Yes	Yes	
	Subclassable	No	Yes	Yes	
	Annotate	No	Yes	Yes	
	Versioning	No	No	No	
	Independently Securable	Yes	Yes	Yes	
	Annotations	Yes	Yes	Yes	
	Subclassable	No	Yes	Yes	
	Versioning	No	No	No	
	Independently Securable	No	Yes	Yes	CE - Can be a subset, lifetime is dependent on parent document
	Link	Yes	Yes	Yes	
Subclassable	No	Yes	Yes		
Independently Securable	No	Yes	Yes		
Security	Security Parents	No	Yes	Yes	
	DIALs	Yes	Yes	Yes	CE uses default instance security which is very similar to DIALs
	Security Templates	No	Yes	Yes	
	Security Proxies	No	Yes	Yes	
	Marking Sets	No	Yes	Yes	
	Inherited ACEs	No	Yes	Yes	
	Single Sign On	Netegrity, AD	No*	No*	CE: EM has Integrated Logon with AD
Propagate security tool?	No	No	No		
Auditing	Create/Update/Delete	Yes	Yes	Yes	
	Property changes	Yes	Yes	Yes	
	View access	No	Yes	Yes	
	User	Yes	No	No	Login, Logoff, Change Group, Change PW
	Audit Log viewer	No	No	Yes	
	Audit Log Management tools	Partial*	No	No	CS: SQL scripts

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments	
Lifecycle	Lifecycle states	Yes	Yes	Yes		
	Actions	No	Yes	Yes		
	Security Templates	No	No	Yes		
	Storage device	No	No	No		
Globalization / Localization	Unicode	No*	Yes	Yes	CS: IDM API does not support Unicode. CS might	
	Multiple language packs	Yes	Yes	Yes	CS: Open client	
	Multiple Locale names for property names, classes, etc	Yes	Yes	Yes		
Compound Documents	Framework	Yes	No*	No*	CE can be customized	
	OLE	Yes	No	No		
	HTML	No	No	No		
	XML	No	No	No		
	CAD	No	Yes*	Yes*	With McClaren	
Replication	Content Replication	Yes	No	Yes*	EMC Content Replication for CE	
	Object Replication	Yes	No	No		
	Federated Search	Yes	No	No		
	Content Caching	No	Yes	Yes		
Scalability	Cluster	MSFT, HP ServiceGuard, Veritas	Veritas, Microsoft	Microsoft, Veritas, Oracle RAC	Veritas, Microsoft, & HP	
	Farming	No	Yes	Yes	CE: Multiple OSS per Object Store, CE FileStore Service - No	
	Performance Reporting	Yes	No	Yes	PCH/IS	
Document Review and Approval	Assign to document class	No	Yes	Yes		
	Modify review workflow	No	Yes	Yes		
	Assign voting to reviewers	No	Yes	Yes		
	Approval Workflow					
	Assign to document class	No	Yes	Yes		
	Modify approval workflow	No	Yes	Yes		
Assign voting to reviewers	No	Yes	Yes			
Simple Search	Insecure search	Yes	No	No		
	(Federated) Cross repository searching	No	Yes	Yes	CM: Support for search across multiple object stores	
	Search for					
	Documents	Yes	Yes	Yes		
	Folders	No	Yes	Yes		
	Custom Objects	Yes	Yes	Yes		
	Relevancy Ranking	No	Yes	Yes		

Feature	Description	Content Services	Content Manager 3.0	Content Manager 3.5	Comments
Stored Search and Search Templates	(Federated) Cross repository searching	No	Yes	Yes	CM: Support for search across multiple object stores
	Search for				
	Documents	Yes	Yes	Yes	
	Folders	No	Yes	Yes	
	Custom Objects	Yes	Yes	Yes	
	Search for multiple object types	No	Yes	Yes	
	Fuzzy Searching				
	Like/SoundeX	Yes	Yes	Yes	
	Typo/Stemming	Yes	Yes	Yes	
	Property based searching	Yes	Yes	Yes	
ConteXt based searching	Yes	Yes	Yes		
Relevancy ranking	No	Yes	Yes		
Full Text Search	Verity	Yes	Yes	Yes	
Image Viewing	Ability to view images from Image Services. Browser independent image viewer.	Yes	Yes	Yes	
	Annotation support	Yes	Yes	Yes	CM: Image Services annotations and native creation/modification of CE annotations will come in a subsequent release.
Browsing via UI	Documents	Yes	Yes	Yes	CM: Supports 3 types of documents (documents with content, reference, and external)
	Folders	Yes	Yes	Yes	
	Stored Searches	Yes	Yes	Yes	
	Stored Search Templates	Yes	Yes	Yes	
	External Items	Yes	Yes	Yes	
	Published items	Yes	Yes	Yes	
	Check-out List	Yes	Yes	Yes	
	Replicated items	Yes	No	No	CM: Working with VERITAS to work with their Replication products. This is expected to be featured in a post-3.0.
	Email objects to others	Yes	No	No	Can email, Folders, Stored Searches, Search Templates, Entry Templates and an Info Page

Browsing via UI

Workflow Definitions	Yes	Yes	Yes
Published Templates	No	Yes	Yes
WCM Published Documents	No	Yes	Yes
Revisions	Yes	Yes	Yes
Custom Objects	Yes	Yes	Yes
My favorites view which allows end user to persist links to routinely used searches, search templates or folders	Yes	Yes	Yes
Site favorites view. Persist links to routinely used searches, search templates or folders that the admin defines for the users	Yes	Yes	Yes

CM: Configured by Site Preferences to show or hide

Content Manager provides ability to have favorites added for end user convenience. Documents?

Content Manager allows for site favorites to be defined by an administrator for all users.

Entry Templates

Documents	No	Yes	Yes
Folders	No	Yes	Yes
Custom Objects	No	Yes	Yes

Errors

Error Code Dictionary	Yes	No	No
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CS -Client Library at least

XML Classifier

XML classification framework for taking incoming XML documents and classifying them using an XSLT for the classification.

Automatic classification	No	Framework	Framework
Uses XSL transforms	No	Sample	Sample
Parses XML content	No	Yes	Yes
Manual classification	No	Sample	Sample
Extensible framework	No	Yes	Yes

CM: Uses XML content to determine document class and properties. This is done via the XML Classification framework

CM: Supports for extending the framework to create custom classifiers for any document type such as MS Word and others.

To find out how your organization can benefit from IBM FileNet P8, contact us at 1-800-FileNet (345-3638) or outside the U.S. at 714-327-4800.

Or visit us at filenet.com/accelerate



IBM
3565 Harbor Boulevard
Costa Mesa, CA, USA 92626-1420

www.ibm.com

Phone: 714.327.3400
Outside the U.S. call 714.327.4800