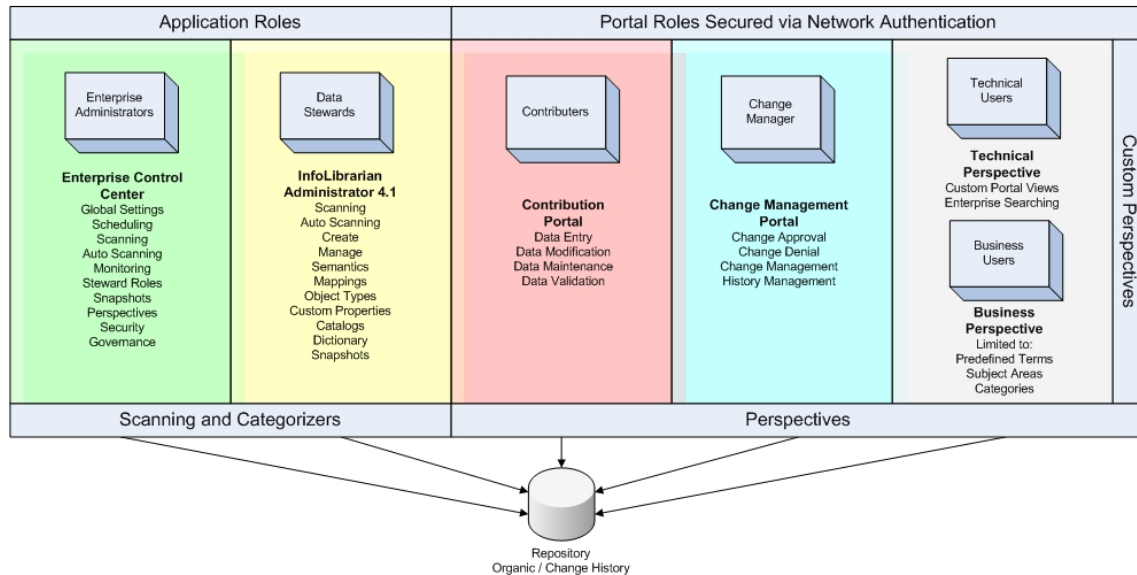


InfoLibrarian 4.1 Enterprise Server



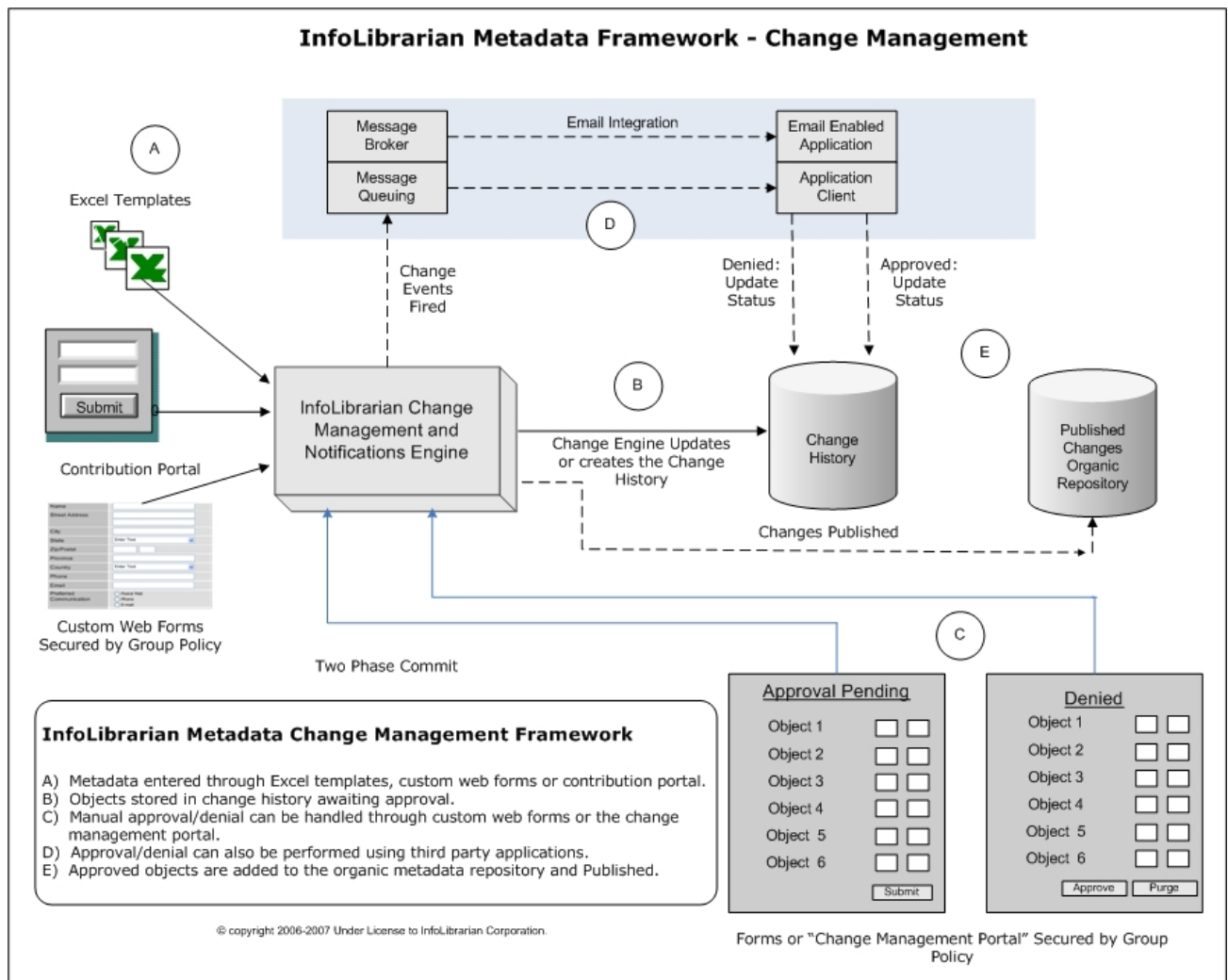
Enterprise Security / Governance / Change Management

Data Stewards can be governed by role based application security.
 "Virtual Portals" can be deployed based on a set of criteria for a given user or group and are secured via network authentication.
 These views enable users to only see objects relevant to that particular group.
 This is the essence of InfoLibrarian Perspective Based Security.

This diagram illustrates the solution components provided within the 4.1 Enterprise Server. Each of the above portals provides new functionalities to manage your enterprise metadata environment. New roles are provided under the new solutions framework for enterprise deployments as follows:

- Enterprise Control Center
- Data Stewards
- Contribution (Submits changes to change management)
- Change Management (Approve, deny and manage changes)
- Technical Views
- Business Views
- Custom Views

InfoLibrarian 4.1 Change Management



Architecture:

At the heart of the change management solution is a core "Change Management Engine," which provides the functionality to submit, deny and approve changes. The service raises events to allow for third party integration of messaging applications to the change managements system, providing email notification of changes submitted and approved to the Data Steward assigned to a catalog.

Two new individually securable portals are provided for Change Management.

Contribution – Users log onto the Contribution portal where they will be able to make data entry changes to metadata, descriptions, properties etc. The Contribution portal is similar to the metadata portal with change-ability built in that allows authenticated users to make changes and additions.

If the catalog setting: 'Requires Approval' is set, all changes submitted via the Contribution Portal will be posted to change management for approval. If a catalog is set for Auto-Approval, all changes will be posted to change history but also be automatically posted to the metadata repository as usual. This option allows you to track changes without the need to approve them. Both settings are configurable at the catalog level.

Change Management – Change Managers (Assigned by Group Policy) log onto the change management portal to monitor, approve and deny changes being published within to the metadata repository.

Change Managers can batch approve, as well as see deltas (Differences) which indicate the changes that have been made to have a precise view of the exact type of change that was made. This feature is similar to the object compare for snapshots in advanced search.

InfoLibrarian™ Portal

[Administrator](#)

[Technical Users](#)

[Business Users](#)

[Contributor](#)

[Change Manager](#)

[Custom](#)

Click on the Role to login

InfoLibrarian™ Change Management

Search for

Search Type
 Keyword Search Search

[Advanced Search](#) | [Help](#)

- Business Subject Areas
 - Document Search
 - Sub-Categories
 - Product Documentation
 - Technical Documentation
 - Web Site Documentation
 - Sub-Categories
 - Product Documentation
 - Pending Changes
 - Approved Changes
 - Denied Changes
 - InfoLibrarian Demo Subject Area
 - User Defined Metadata Sources
 - Scanned Metadata Sources
 - Data Inventory System
 - ERWIN
 - ERWIN
 - Pending Changes

Change Management

[Print this page](#)

Changes Pending Approval

Click the object name to view change details and take action.
Or Approve or Deny all checked items.

Approve Checked
Deny Checked

Object Name	Type	Parent	Change TimeStamp	Submitted By	Change Status	
\infolibr-f5c7sz\codelibraries	File System Path	TestFileScanCatalog	6/22/2006 4:02:13 PM	BBREWER	Changes Pending	☒
Browse.asp	File	\\infolibr-f5c7sz\codelibraries	6/21/2006 11:04:16 PM	Colleen	Changes Pending	☒
Browse.asp	File	\\infolibr-f5c7sz\codelibraries	6/21/2006 8:45:34 PM	Colleen	Changes Pending	☒
Browse.asp	File	\\infolibr-f5c7sz\codelibraries	8/26/2006 7:21:36 PM	Colleen	Changes Pending	☒
Browse.asp	File	\\infolibr-f5c7sz\codelibraries	8/26/2006 7:21:36 PM	Colleen	Changes Pending	☒
Browse.asp	File	\\infolibr-f5c7sz\codelibraries	8/26/2006 7:21:36 PM	Colleen	Changes Pending	☒
Browse.asp	File	\\infolibr-f5c7sz\codelibraries	8/26/2006 7:21:36 PM	Colleen	Changes Pending	☒
TEXTCOPY.CPP	File	\\infolibr-f5c7sz\codelibraries	6/27/2006 9:46:30 PM	Colleen	Changes Pending	☒



InfoLibrarian Change Management

Change Submitted by: Colleen on 6/21/2006 5:38:17 PM

Status: Changes Waiting Approval
[Show Current Details](#)

Object Summary			
Object Type	Metadata Source	Metadata Catalog	Parent Object
File	TestFileScanCatalog	TestFileScan	\\infolibr-f5c7sz\codelibraries
Approve Changes Deny Changes Snapshot History			

Current - Last Changed (9/6/2006 9:43:09 AM)			
Keyword Properties			
Description:			
Comments:			
Property Name	Property Value	Last Changed	Changed By
Business Descripton	Testing	11/18/2005 10:27:36 AM	Administrator
Business Comments	Testing	11/18/2005 10:15:56 AM	Administrator
Business Comments	Test Here	11/18/2005 10:28:03 AM	Administrator

Object Change Submitted (6/21/2006 5:38:17 PM)			
Keyword Properties			
Description:			
Comments:			
Property Name	Property Value	Last Changed	Changed By
Business Comments	Test Here	11/18/2005 10:27:36 AM	Administrator
Business Descripton	Testing	11/18/2005 10:27:36 AM	Administrator

“InfoLibrarian Contribution Portal” is a role securable web based data entry portal for the contribution of changes from different users and groups within your environment. The changes can be posted to change management, auto-approved or set via Catalog settings.

The screenshot displays the InfoLibrarian Contribution Portal interface. On the left is a navigation tree with categories like Business Subject Areas, User Defined Metadata Sources, and Scanned Metadata Sources. The main area shows a search for 'CHECK' with a 'Description' field containing 'A CHECK is a form of PAYMENT.' Below this is a 'Read-Only Properties' table listing various attributes of the object.

Search for: **Search Type:** [Advanced Search](#) [Help](#) [Print this page](#)

This Object was last changed in repository on 8/31/2006 12:45:56 PM By BBREWER

GUID	Object Type Name	Metadata Source	Metadata Catalog	Parent Object
8497309	Modeling Entity	ERWIN Models	Emovies	Emovies

Description:

Comments:

Property Name	Property Value	Last Changed	Changed By
Name	CHECK	4/11/2005 3:54:25 PM	Administrator
Type	6	4/11/2005 3:54:26 PM	Administrator
Definition	A CHECK is a form of PAYMENT.	4/11/2005 3:54:26 PM	Administrator
Index_Generate	1	4/11/2005 3:54:26 PM	Administrator
Physical_Name	CHECK	4/11/2005 3:54:27 PM	Administrator
Source_of_Transform	{7F85E037-1E1F-4667-9D70-F98321578D89}+00000000	4/11/2005 3:54:27 PM	Administrator
Hide_in_Logical	false	4/11/2005 3:54:28 PM	Administrator
Hide_in_Physical	true	4/11/2005 3:54:28 PM	Administrator
UDP_Inst	Tom	4/11/2005 3:54:28 PM	Administrator

Change Management Security

Security for the Change Management and Contribution Portals is accomplished by assigning group or user network logon security policies to each of these sites respectively. Assigning change managers to the Change Management Portal, for instance, allows only those users to approve or deny changes. Similarly, assigning contributors to the contribution portal allows only those users to contribute changes.

By virtue of the fact that users' changes will never be submitted live until a change manager approves those changes, in effect, provides the simplest method for securing the metadata repository from the occurrence of un-wanted changes. This alone should be sufficient.

Under the new framework, Data Stewards can be governed by role based application security, now provided by the product to the nth degree of granularity

However, in order to accomplish a more granular level of security control over the visibility, or hide-ability of particular catalogs within the change management and contribution portals, the following method provides the simplest and least difficult to maintain and implement.

Locking out Catalogs / Objects from particular change managers or contributors:

Perspective Based Security:

This is best accomplished by creating sub-sites via the framework for the portal. An example scenario would be having 2 contribution sites, one for developers and one for the business subject matter experts, each having their own metadata responsibilities. By changing the table of contents template and dropping it into a subfolder on the server, each group can see only their content each being separately secured. We call these perspectives and so it could be called "Perspective Based Security". This is a much simpler approach to implementing and maintaining Users/Groups and a plethora of complex permissions.

This provides the ability to deploy "Perspectives" as needed but maintains the holistic nature of the metadata solution.

Contact sales@infolibcorp.com for more information