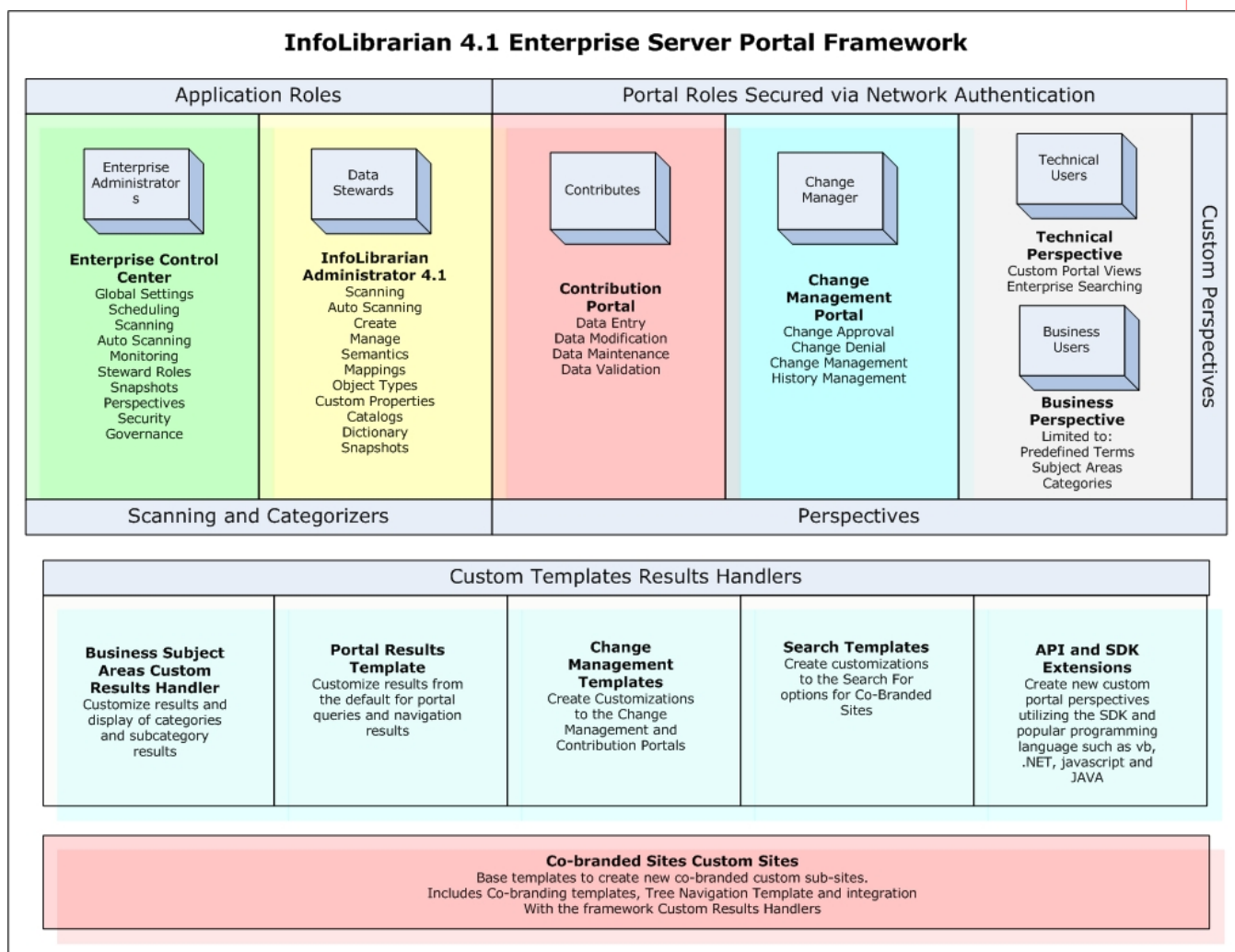


InfoLibrarian Enterprise Server 4.1





InfoLibrarian 4.1 provides a comprehensive framework for custom sites, co-branding and security. Robust new controls and templates are provided to maximize your productivity when deploying custom portal perspectives and customizations.

The portal framework is highly customizable. Many settings and features can be changed utilizing point and click configuration from the control center.

New Enterprise Control Center

The screenshot displays the InfoLibrarian Control Center interface. On the left is a navigation tree with categories like Configuration, Metadata Scanning, Security Roles, and Maintenance. The main area is titled 'Portal Settings' and includes a search bar, a 'Portal Settings and Templates Tips' section, and a table of settings. The table lists various search options and their values, such as 'Search Option - Keyword Search' being checked. A 'Repository Object Types List' link is also visible at the bottom of the settings table.

Portal Settings

Search for:

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

Portal Settings and Templates Tips:

[Global Portal Settings](#) | [Search For Settings](#) | [Search Results Settings](#) | [Business Subject Areas](#) | [Lineage Analysis Settings](#) | [Custom Portal Perspectives](#)

Search For Handler and Settings

Custom Template
Choose the default, or you may specify a custom results handler for customization of the search for section of the portal. A custom template may be coded to override any settings on this page. Copy the default template located here "Infolib/CustomTemplates/SearchTemplate" to create a new template that can be selected here.

Search Options Checkboxes
Enable or disable various search options presented in the "Search For" navigation. Choose the default template, or you may specify a custom search handler for customization of the search and results.

Business Object Types List
Specify a list of object types that represents all the object types that will be searched via the "Business Search Option". This comma delimited list will typically represent subject areas, terms and rules.

Setting	Value
☐ Search Option - Keyword Search (Standard Keyword Search)	☒
☐ Search Option - Impact Analysis (Impact Analysis)	☒
☐ Search Option - Documents/Text (Documents/Text Requires InfoLibrarian Search Service)	☒
☐ Search Option - Business Terms (Searches Business Terms)	☒
☐ Search Option - Business Rules (Searches Business Rules)	☒
☐ Search Option - Business Search (Searches Subject Areas/Terms and Rules)	☒
☐ Business Repository Object Types List (Defaults: 29,28,26,8,9)	29,28,26,8,9
☐ Specify A Custom Template (Custom templates may be coded to override all settings on this page)	Default Template

[Repository Object Types](#) Click this link to view the repository object types list.

- Specify and build custom templates to change the look and feel or customize portal results.
- Global settings for scans, portals and security.
- Real-time scan monitoring for the enterprise including distributed scanning capabilities.
- Scan job management and scheduling.
- Catalog configuration.
- Portal customization control panel.
- Application role based security.
- Global scan settings and controls.
- Enterprise server monitors and statistics.
- Repository configuration.
- Snapshot metrics.
- Distributed scanning and scanning roles for grid computing.
- Clustering and server roles/ node load balancing configuration.
- Enterprise un-delete recovery.
- Regional settings to support internationalization of date/time formats.
- Query throttling for the user portals.
- Framework for custom user portals and co-branding portals.
- Integration with InfoLibrarian Enterprise Document Search.

New Enterprise Metadata Search Portal

The screenshot displays the InfoLibrarian 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 search results for 'DataScrubber.cpp'. A table lists object details including GUID (9997204), Object Type Name (File), Metadata Source (TestFileScan), Metadata Catalog (TestFileScanCatalog), and Parent Object. Below this, a table of 'Additional Properties' shows creation and modification dates and times. At the bottom, a 'Long Text' section displays the C++ source code of the file, which is a simple file scrubber.

Search for: datascrubber
Search Type: Keyword Search [Advanced Search](#) | [Help](#)

Business Subject Areas
 User Defined Metadata Sources
 Scanned Metadata Sources
 Data Inventory System
 ERWIN
 ERWIN Models
 ETL Packages
 jlsupport01
 infolib
 infolib-fs01
 infolib-fs01testing
 infolibd
 infolibfs05
 INFOLIBOLEDBTEST
 infolibr-f5c7szinfolibrepo
 MSOLAP_jlsupport01
 NZMETest
 Rational Rose
 scott
 SQLServerDemo
 t
 test infolib database
 TestFileScan
 TestFileScanCatalog
 File System Path(s)
 \infolibr-f5c7sz\codelib
 File(s)
 Browse.asp
 Browse2.asp
 Copy of Browse3.e
 DataScrubber.cpp
 NEW_TEST.asp
 Page.asp
 portal.asp
 show.asp

DataScrubber.cpp

This Object was last changed in repository on 9/6/2006 9:49:12 AM By SYSTEM

GUID	Object Type Name	Metadata Source	Metadata Catalog	Parent Object
9997204	File	TestFileScan	TestFileScanCatalog	\\infolibr-f5c7sz\codelibraries\Master\Subdir

Description:
Comments:

[Impact Analysis!](#) | [Show Lineage](#) | [Show History](#) | [Show Occurrences](#)

Additional Properties

Property Name	Property Value	Last Changed	Changed By
Created	9/16/2005 5:02:33 PM	9/1/2006 2:00:40 AM	SYSTEM
File Path	\\infolibr-f5c7sz\codelibraries\Master\Subdir\DataScrubber.cpp	11/28/2005 7:12:33 PM	Administrator
Last Accessed	11/28/2005 7:00:48 PM	11/28/2005 7:12:33 PM	Administrator
Last Modified	2/16/2004 4:52:38 PM	9/1/2006 2:00:40 AM	SYSTEM
Type	C++ Source file	9/1/2006 3:52:46 PM	SYSTEM
File Size	1631	11/28/2005 7:12:34 PM	Administrator

Long Text:

view plain | print | copy to clipboard | ?

```

1 // Simple File Scrubber to Replace HEX00 Low Values to ASCII Spaces.
2 #include <iostream.h>
3 #include <fstream.h>
4 #include <io.h>
5 #include <stdlib.h>
6 #include <stdio.h>
7 #include <test.h>
8 //using namespace std;
9 int main(int argc, char *argv[])
10 {
11     FILE *in, *out;
12
13     if(argc < 3)
14     {
15         cout << endl << "2 Parameters required: infilename and outfilename" << endl;
16         return 1;
17     }
18     in = fopen(argv[1], "rb");
19     out = fopen(argv[2], "wb");
20

```

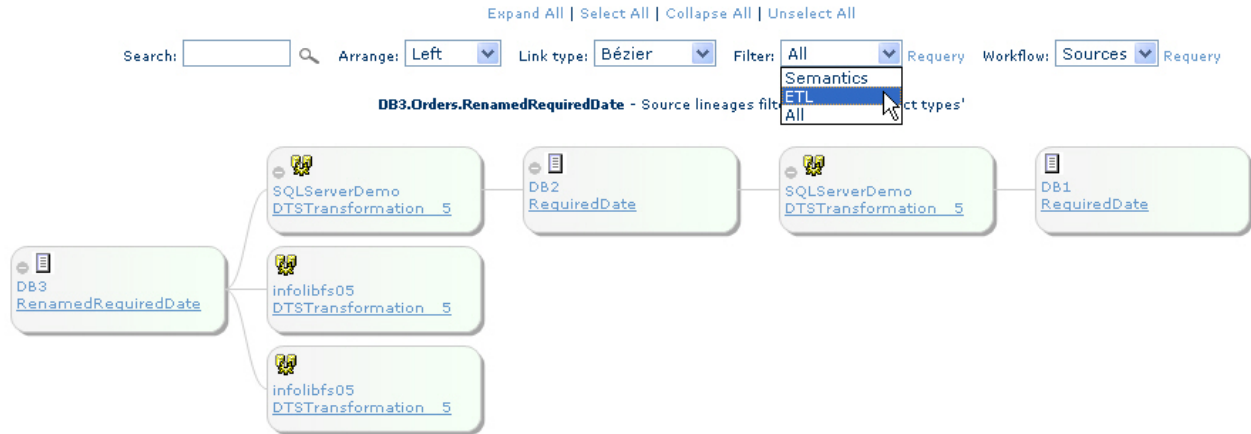
- Customizable framework.
- Enhanced dynamic navigation java tree.
- Code parsers display code in native syntax highlighted format.
- Enhanced sort results.
- Catalog settings and scan history.
- Visual enhancements.
- Extended help information via collapsible tips throughout portal.
- Categorized repository reports by creating in InfoLibrarian Administrator software.
- Improved keyword highlighting.
- Dates are displayed and sortable based on regional settings.
- Fixes to known issues in the portal.

Interactive Lineage and Workflow Analysis

Lineage Filters for Perspectives example: ETL Versus Business Semantics

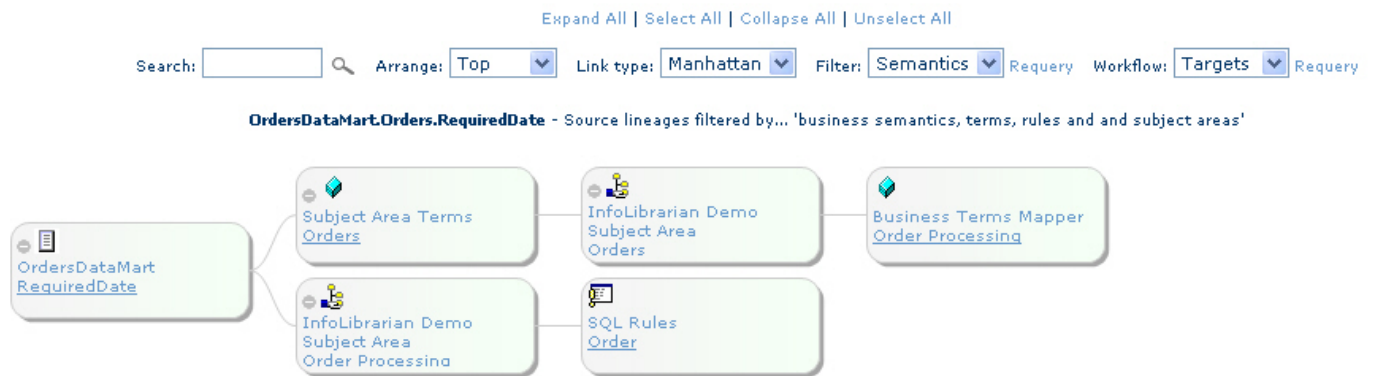
Workflow and Lineage Analysis - RenamedRequiredDate

TIPS: Lineage and Workflow



Workflow and Lineage Analysis - RequiredDate

TIPS: Lineage and Workflow



Lineage Results can be controlled to display both source to target and target to source paths. Additional filters can be applied to narrow the lineage analysis to ETL processes, Semantic workflow or complete system wide lineage and impact analysis. Diagrams can be arranged to display left to right, top, bottom and right to left for printing.

Enterprise Change Management and Contribution Portals

Web portal and engine. Turn on change management and assign change managers to approve changes created to the metadata via the contribution portal.

InfoLibrarian™ Change Management

Search for: Search Type: Advanced Search | Help

Change Management

Changes Pending Approval

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

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

Current - Last Changed (9/6/2006 9:43:09 AM)

Keyword Properties

Description:

Comments:

Property Name	Property Value	Last Changed	Changed By
Business Description	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 Description	Testing	11/18/2005 10:27:36 AM	Administrator

InfoLibrarian Contribution Portal

Role securable web based data entry portal for contribution of changes from different users and groups in your environment. 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 details for a 'CHECK' object. At the top, it states 'This Object was last changed in repository on 8/31/2006 12:45:56 PM By BBREWER'. Below this is a table with columns: GUID (8497309), Object Type Name (Modeling Entity), Metadata Source (ERWIN Models), Metadata Catalog (Emovies), and Parent Object (Emovies). A 'Description' field is empty, and a 'Comments' field contains the text 'A CHECK is a form of PAYMENT.'. Below the comments is a 'Read-Only Properties' table with columns: Property Name, Property Value, Last Changed, and Changed By. At the bottom right are 'Save Changes' and 'Show Pending' buttons.

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

Description:

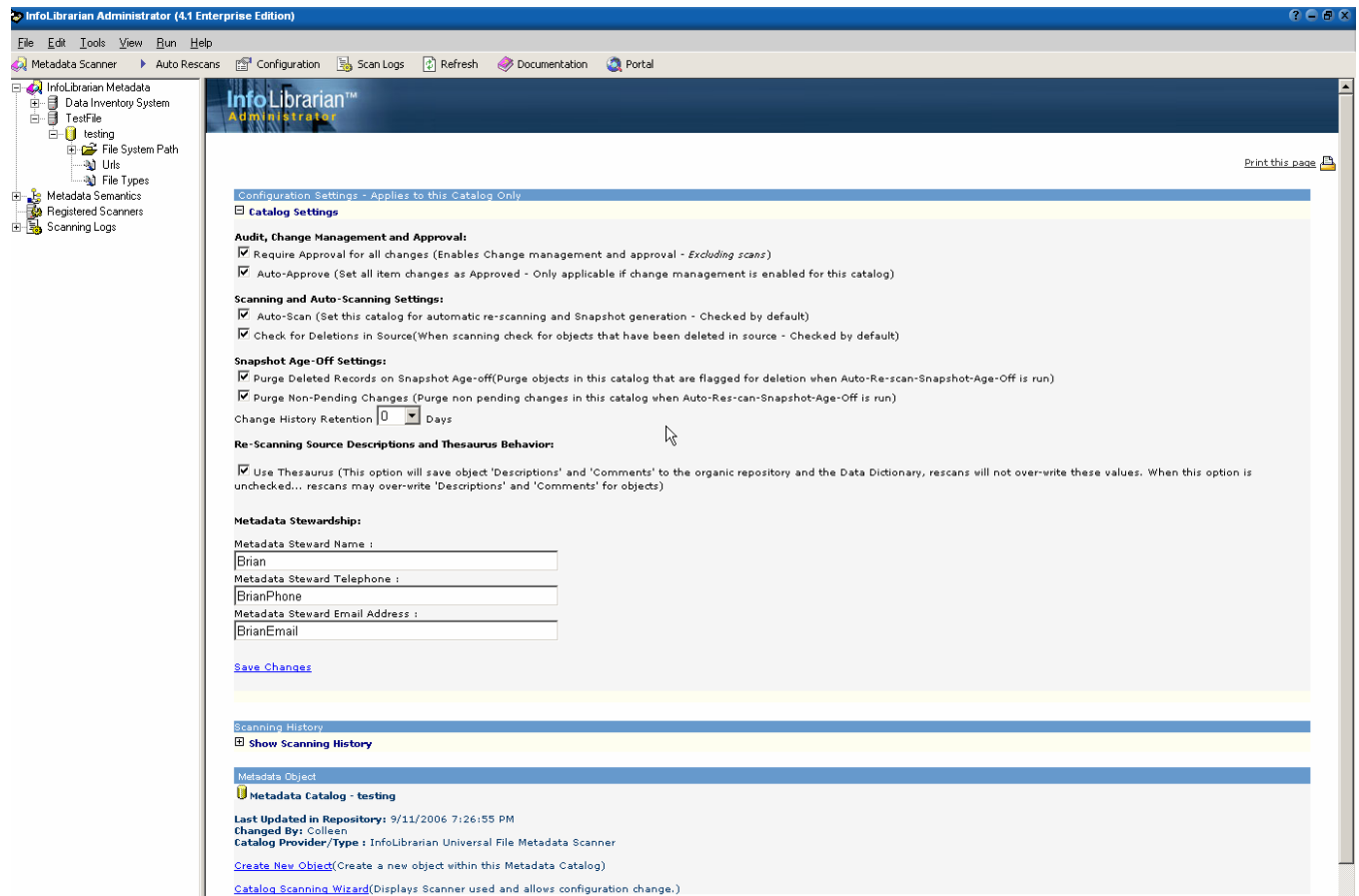
Comments: A CHECK is a form of PAYMENT.

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

Save Changes **Show Pending**

InfoLibrarian Administrator

- User defined catalogs now support creating sub-types.
- New semantic type allows storing queries for creating repository reports. Repository reports require seed data for "Repository Reports" object type. Reports are generically materialized in the portal.
- Live Update option. Allows users to check for live updates. All future minor fixes and updates of the administrator will use this mechanism for updates.
- Updated product documentation and InfoLibrarian Books Online.
- Features controlled by administrator on appliance.
- Auto-Scanner Disabled by default on InfoLibrarian Administrator.
- Scanning gauge fixed to stay on top in Windows XP.
- Connection wizard updated to support SQL Server 2005 OLEDB connectivity.
- Improved sorting and interface look and feel.
- Data dictionary options now more configurable.
- Thesaurus on/off warnings at object level for data entry.
- Thesaurus updated automatically when set to on.
- Ability to add custom properties at the object level. Includes the ability to create valid value lists that appear as drop-down boxes for data entry on custom properties.
- Security and application roles controlled centrally by administrator from "Enterprise Control Center" for each administrator client.
- Ability to print results page in the InfoLibrarian Administrator.
- Catalog Settings for:
 - o Require approval.
 - o Auto-approve.
 - o Auto-scan.
 - o Check for deletions.
 - o Purge deleted.
 - o Purge non pending changes and change history retention.
 - o Use thesaurus now set at the catalog level.
 - o Plus assignment of stewards to catalogs.



NOTE: The role of the InfoLibrarian Administrator is to provide “Data Stewards” and “Administrators” the ability to configure catalog roles, define objects, structures and manually run scans. The new contribution portal provides the flexibility and security to provide the central “Data Entry” point for your metadata solution via the web.

Categorizers

- Categorizers can be deployed to automate the process of generating taxonomies, mappings, synonyms and subject areas and categories.
- Each categorizer instance can be configured to apply a particular set of business rules against the metadata in the repository to automatically generate a perspective taxonomy and classification scheme particular to a user community.
- Custom categorizers can be developed utilizing the templates provided in the framework.
- Categorizers can be configured to lookup values within existing databases to derive metadata, rules and mappings to apply when scheduled.
- Excel templates can also be configured to act as categorizers in addition to be utilized for collecting metadata from various users within your environment.

Metadata Integration and Synchronization

The Enterprise Control Center provides the functionalities to manage and integrate your metadata across the enterprise:

- Built in Scheduling for scan and rescan synchronization.
- Settings to control the behavior of rescans.
- Snapshot and historical periodicity controls.
- Add –hoc scan control center.
- Real-time scan monitors.

Scanners and Categorizers can be scheduled and managed via the Enterprise Control Center.

Engine Improvements

- All custom and scanned properties now support unlimited long text values.

Auto-Scanner

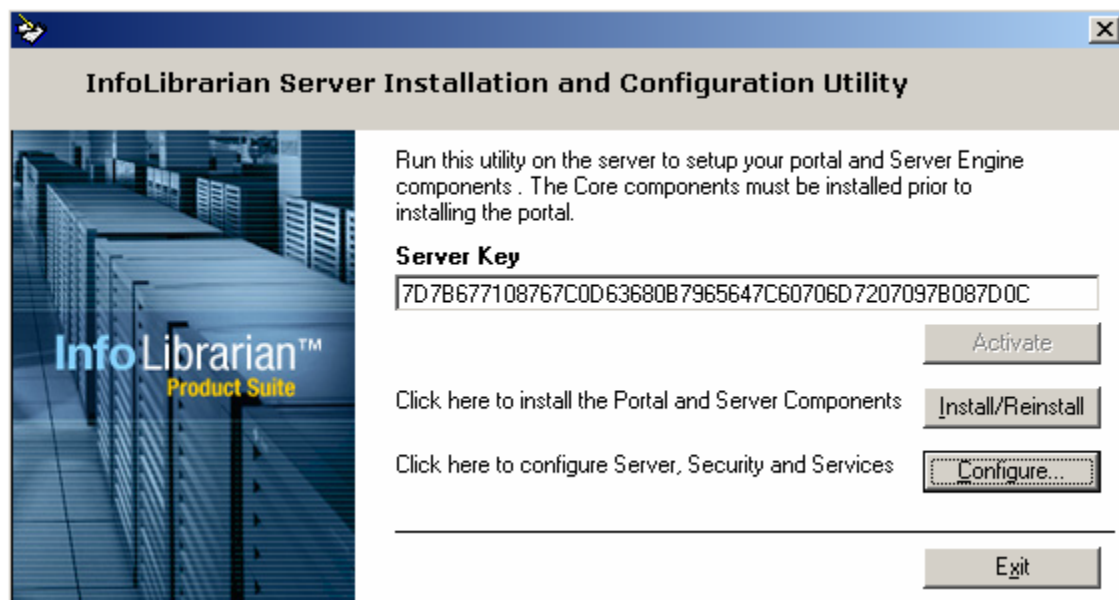
- Added support to raise event status to 3rd party schedulers.
- Verbose mode now supported.
- Fix Snapshot recorded in scanning history to align with meta-mart data.
- Added right click menu for individual scans to show/edit catalog scan settings and view history when running ad-hoc scans from the GUI.

Installation and Configuration

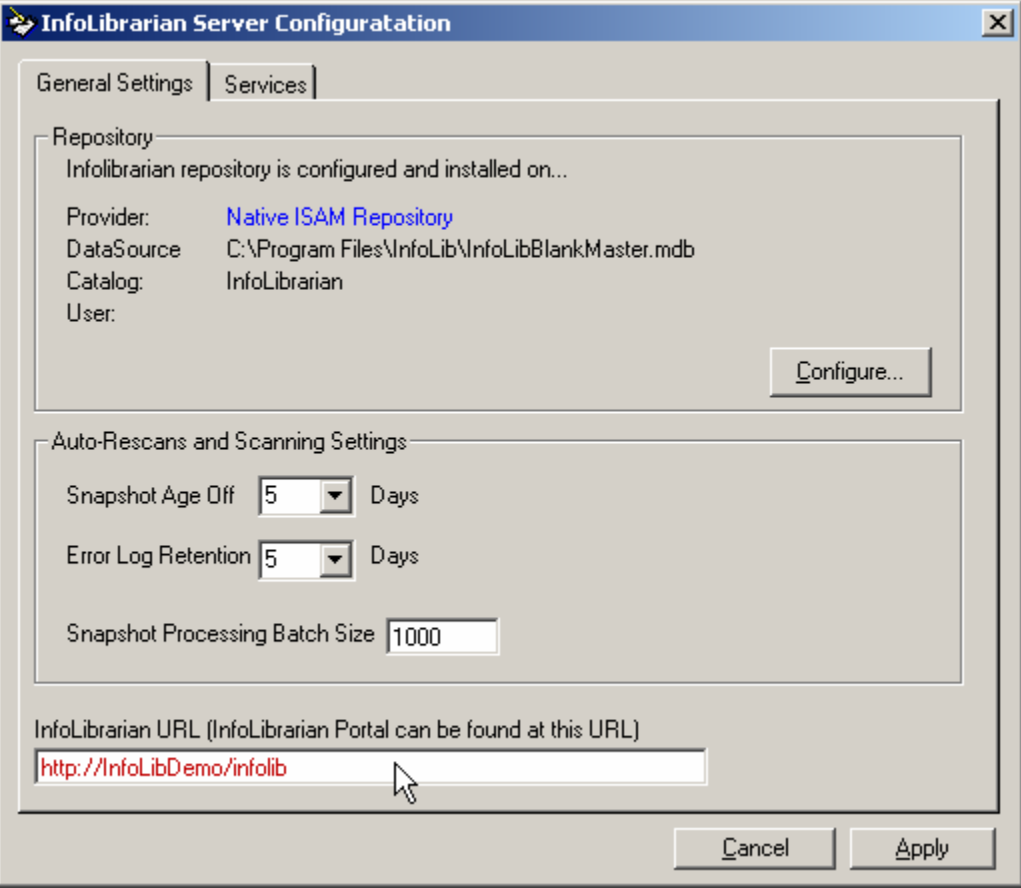
New “**InfoLibrarian Server Configuration Utility**” Use this utility to install, configure and to set security for the InfoLibrarian server and portals.

This utility is shipped with the basic setup package and can be run once you install InfoLibrarian. You will require a server key for each server you wish to deploy in your environment.

This utility replaces the previous options available within the InfoLibrarian Administrator.



The General settings allow you to set servers basic settings for scanning and to run the connection wizard to connect the server to a repository.



The image shows a Windows-style dialog box titled "InfoLibrarian Server Configuration". It has two tabs: "General Settings" (selected) and "Services".

Repository

InfoLibrarian repository is configured and installed on...

Provider: [Native ISAM Repository](#)

DataSource: C:\Program Files\InfoLib\InfoLibBlankMaster.mdb

Catalog: InfoLibrarian

User:

[Configure...](#)

Auto-Rescans and Scanning Settings

Snapshot Age Off Days

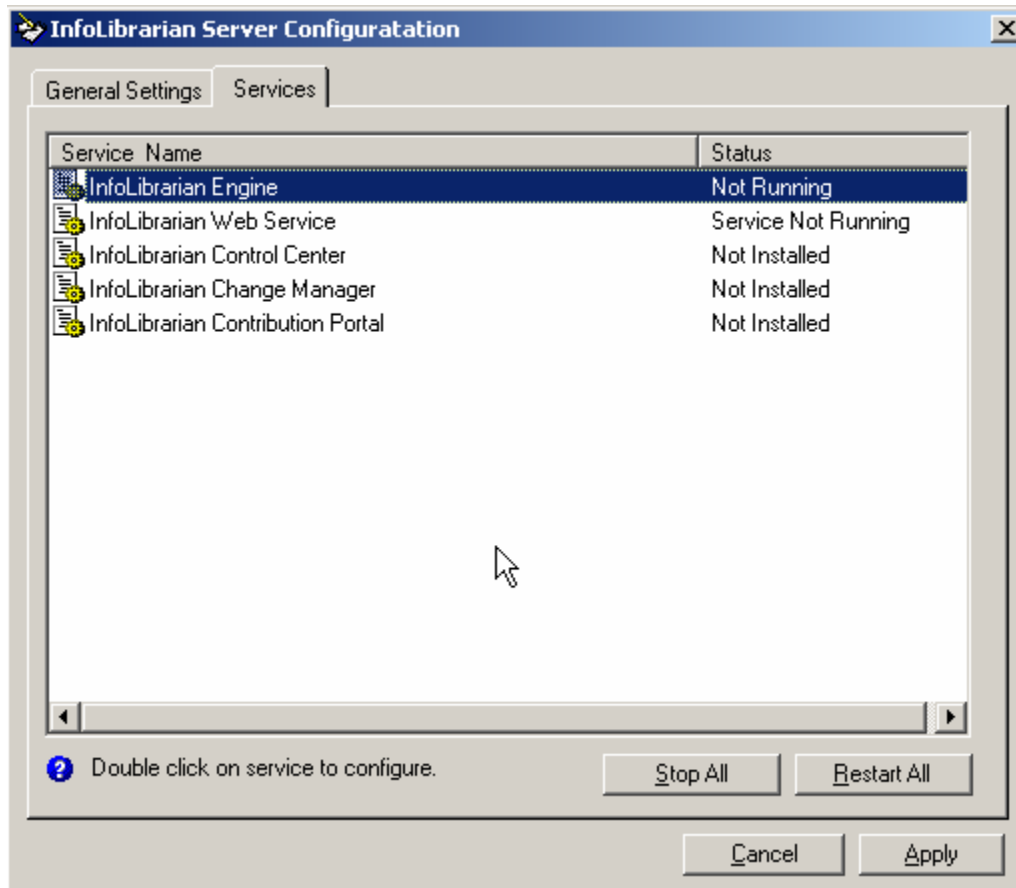
Error Log Retention Days

Snapshot Processing Batch Size

InfoLibrarian URL (InfoLibrarian Portal can be found at this URL)

[Cancel](#) [Apply](#)

Double clicking the service will allow you to configure each service and its security on the server.
Note: the InfoLibrarian Change Manager and Contribution Portal are optional modules.



Licensing

Current InfoLibrarian 4.0 Enterprise Licensed users:

InfoLibrarian 4.0 Enterprise or Metadata Appliance users:

Upgrade Includes:

InfoLibrarian Framework 4.1 (New portal functionalities)

API 4.1 (Backward compatible API)

Portal 4.1 (New portal)

Enterprise Control Center 4.1 (New feature)

Same number of administrators

Same number of portal seats

Same maintenance and upgrade assurance

No change for scanners

Optional Modules:

InfoLibrarian Change Management (Engine and Portal)

InfoLibrarian Contribution (Engine and Portal)

Current InfoLibrarian Workgroup users.

InfoLibrarian Framework 4.1

API 4.1

Portal 4.1

Same number of administrators

Same number of portal seats

Same maintenance and upgrade assurance

No change for scanners

Optional Upgrade Path:

InfoLibrarian Enterprise Edition or the InfoLibrarian Metadata Integration Appliance (Turnkey).

Please refer to the Installation and configuration guide for more information on setup and installation.

Also: refer to the InfoLibrarian 4.1 supplemental documentation for more help on new features in version 4.1

Note: the repository API has not changed in this version. However, new API's and components are available as modules or add-ons such as the change manager, change management engine and contribution engine and contribution portals.

Contact sales@infolibcorp.com for more information