IBM Content Integrator
Version 8.5.1 Fix Pack 4

Readme

IBM

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Contents

Before you install

Before you install IBM® Content Integrator Version 8.5.1 Fix Pack 4, read this entire readme. Then ensure that your system meets all the software and system prerequisites.

Important: IBM Content Integrator Version 8.5.1 Fix Pack 4 is available only for multiplatform operating systems (Microsoft Windows, Linux, and UNIX). It is not available for the z/OS operating system. Contact IBM support for z/OS-related fixes.

Required and supported software

IBM Content Integrator Version 8.5.1 Fix Pack 4 supports new versions of connector repositories and operating systems. It also includes all updates from versions 8.5.1 Fix Pack 1, Fix Pack 2, and Fix Pack 3.

Requirement: You must already have installed the Content Integrator Version 8.5.1 general availability (GA) software before you install Fix Pack 4. Fix Packs 1, 2, and 3 are not required.

For a full list of required software and supported connectors, operating systems, repositories, servers, and components in Version 8.5.1 Fix Pack 4, see the Content Integrator System requirements technote: http://www-01.ibm.com/support/docview.wss?uid=swg27015930.

Important: IBM Content Integrator Version 8.5.1 Fix Pack 4 is available only for multiplatform operating systems (Microsoft Windows, Linux, and UNIX). It is not available for the z/OS operating system. Contact IBM support for z/OS-related fixes.

Connector support

Content Integrator Version 8.5.1 Fix Pack 4 added connector support for the following repositories:

IBM Content Manager OnDemand

       Content Manager OnDemand Version 9.0

       Content Manager OnDemand for z/OS® Version 9.0

Common viewer applet MIME support

As of Fix Pack 1, the common viewer applet supports these MIME types:

- AFP (not large object)
- BMP
- CALS
- DCX
- DICOM
- GIF
- IOCA
- JFIF

- JPEG
- JPG
- LINE (not large object, treated as ASCII text)
- MO:DCA
- PCX
- PDF
- PNG
- PTOCA
- TIF
- X-CALS
- X-DCX
- X-PCX
- X-TIFF

Support for various types of files in the common viewer applet depends on the repository you use.

Installing version 8.5.1 Fix Pack 4

You can install IBM Content Integrator Version 8.5.1 Fix Pack 4 using any of three modes: graphical user interface, console, or silent.

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Installing with the graphical user interface

The graphical user interface is a step-by-step installation program.

Navigate to the directory where you extracted the files and run the command appropriate for your operating system to launch the installer:

Option	Description
AIX®	`./setupAix.bin -is:javahome "`*`path_to_JVM`*`"`
HP-UX (PA-RISC)	`./setupHP11.bin -is:javahome "`*`path_to_JVM`*`"`
Linux	`./setupLinux.bin -is:javahome "`*`path_to_JVM`*`"`
Solaris (SPARC)	`./setupSolaris.bin -is:javahome "`*`path_to_JVM`*`"`
Windows	`setupWin32.exe -is:javahome "`*`path_to_JVM`*`"`

where `-is:javahome` is an optional parameter that tells the installer the location of the Java™ Virtual Machine (JVM) and "*path_to_JVM*" is the full path to the JVM, not including the executable. For example:

Option	Description
Linux	If the JVM is installed in the `/usr/java150/` directory, run `./setupLinux.bin -is:javahome "/usr/java150/"`
Windows	If the JVM is installed in the `C:\java\j2sdk1.5.0` directory, run `setupWin32.exe -is:javahome "C:\java\j2sdk1.5.0"`

You cannot uninstall Content Integrator Version 8.5.1 Fix Pack 4. You can only uninstall and reinstall version 8.5.1.

See "Reverting to IBM Content Integrator Version 8.5.1" on page 6

Installing in silent mode

A silent mode installation guides you through the steps for installing the product with minimal user interaction.

1. Generate the options file by running the following command in the directory that contains the installer files:

```
java -cp setup.jar run -options-template OPTIONS_FILE
```

where *OPTIONS_FILE* is the name and path of the options file. For example, the file path could be `C:\ICI_FP2_Installer\options.txt`. The command prompt displays a message similar to: `Options file options.txt was successfully created`.

2. Open the .txt file and locate the following line: `### -P installLocation="<value>"`. Edit the line as follows:

   a. Remove the number signs (#).

   b. Change the installation location. For example, `C:\Program Files\IBM\ContentIntegrator`.

   c. If spaces appear in the file path, leave the double quotation marks (") as they are. If spaces are not present, remove the quotation marks.

   Remember: The GUI or console mode installation directory rules also apply to the silent mode installation.

3. Run the installer in silent mode by running one of the following commands:

Option	Description
AIX	Run `./setupAix.bin -silent -options` *OPTIONS_FILE* `-is:javahome "`*path_to_JVM*`"`
HP-UX	Run `./setupHP11.bin -silent -options` *OPTIONS_FILE* `-is:javahome "`*path_to_JVM*`"`
Linux	Run `./setupLinux.bin -silent -options` *OPTIONS_FILE* `-is:javahome "`*path_to_JVM*`"`
Solaris (SPARC)	Run `./setupSolaris.bin -silent -options` *OPTIONS_FILE* `-is:javahome "`*path_to_JVM*`"`
Windows	Run `setupWin32.exe -silent -options` *OPTIONS_FILE* `-is:javahome "`*path_to_JVM*`"` or `setupWin32Console.exe -options` *OPTIONS_FILE* `-is:javahome "`*path_to_JVM*`"`

where `-is:javahome` is an optional parameter that tells the installer the location of the Java Virtual Machine (JVM) and "*path_to_JVM*" is the full path to the JVM, not including the executable. For example:

Option	Description
Linux	If the JVM is installed in the `/usr/java150/` directory, run `./setupLinux.bin -silent -options` *OPTIONS_FILE* `-is:javahome "/usr/java150/"`
Windows	If the JVM is installed in the `C:\java\j2sdk1.5.0` directory, run `setupWin32.exe -silent -options`*OPTIONS_FILE* `-is:javahome "C:\java\j2sdk1.5.0"` or `setupWin32Console.exe -options` *OPTIONS_FILE* `-is:javahome "C:\java\j2sdk1.5.0"`

Installing with the console

Console mode operates the installer without a graphical user interface, but instead with text prompts. This mode is a useful option when you run the installer on UNIX systems where an XTERM window manager is not available.

1. Navigate to the directory where you extracted the installation files.
2. Enter the following command:

Option	Description
AIX	`./setupAix.bin -console -is:javahome "path_to_JVM"`
HP-UX (PA-RISC)	`./setupHP11.bin -console -is:javahome "path_to_JVM"`
Linux	`./setupLinux.bin -console -is:javahome "path_to_JVM"`
Solaris (SPARC)	`./setupSolaris.bin -console -is:javahome "path_to_JVM"`
Windows	`setupWin32.exe -console -is:javahome "path_to_JVM"`

where `-is:javahome` is an optional parameter that tells the installer the location of the Java Virtual Machine (JVM) and "*path_to_JVM*" is the full path to the JVM, not including the executable. For example:

Option	Description
Linux	If the JVM is installed in the `/usr/java150/` directory, run `./setupLinux.bin -console -is:javahome "/usr/java150/"`
Windows	If the JVM is installed in the `C:\java\j2sdk1.5.0` directory, run `setupWin32.exe -console -is:javahome "C:\java\j2sdk1.5.0"`

Connector-only installations

You can use the IBM Content Integrator Version 8.5.1 Fix Pack 4 installation program for connector-only installations. If you want to install only a connector, stop all Remote Method Invocation (RMI) proxy connector servers before you launch the fix pack installation program. After you install the fix pack, restart the RMI proxy connector servers.

Installing the information center

The information center is installed separately from the product.

There are various fixes related to the installable information center. If you have the information center installed, you must uninstall your current version and reinstall the fix pack version.

Verifying the installed version

You should verify that the correct version of software is installed on your system.

To verify the installation version:

1. Navigate to the *ICI_HOME*/properties/version/ directory and open the
   Content_Integrator_Win.fxtag file (Windows environments) or
   Content_Integrator_MP.fxtag file (UNIX environments) in a text editor.
2. In the file, you should see <FixVersion>8.5.1.4</FixVersion> as an indication
   that the version of Content Integrator installed on your system is Version 8.5.1
   Fix Pack 4.

Reverting to IBM Content Integrator Version 8.5.1

If you installed IBM Content Integrator Version 8.5.1 Fix Pack 4, you can revert to
the Content Integrator version that was on your system before you applied the fix
pack.

To revert to the Content Integrator version that was on your system before you
applied the fix pack:

1. Rename the existing Content Integrator directory. For example, call it
   ContentIntegrator8514_backup.

   Important: Do not skip this critical step, which backs up your current
   installation. Unless you back them up elsewhere, you will lose any customized
   files that you created or modified after you applied Fix Pack 4 to your system.
   For example, you will lose any modified command line examples and Content
   Integrator administration settings in the config.xml file.
2. Create a new directory by using the name of the directory where Content
   Integrator was originally installed.
3. Extract the installation backup file into the directory you created in the
   previous step.
4. Copy the _uninst directory, and any files that you created or modified after
   applying Fix Pack 4, from the backup directory to the new directory. The
   installation backup file does not include the _uninst directory.

After you install

After you install the fix pack, you might need to perform one or more post-installation tasks.

Changing the delimiter for OpenText Livelink attribute names

To enable the OpenText Livelink connector to recognize attribute names that contain forward slash characters, you must set the custom property *SetAttributeSeparator* to a different value.

The OpenText Livelink connector uses the forward slash character (/) as the default delimiter between Set attribute names, so the connector does not recognize attribute names that contain forward slashes. To enable proper recognition, you must add a new custom property, *SetAttributeSeparator*, and change its default value.

If you add the Livelink connector after you apply this fix pack, you do not need to add the custom property but must still change its value.

To configure the Livelink connector to recognize attribute names that contain forward slash characters:

1. Open the Custom Properties editor for the OpenText Livelink connector.
2. Select **Add**.
3. Under **Property Name**, type `SetAttributeSeparator`.
4. Under **Property Value**, type one or more characters to serve as the new delimiter.

   Remember: Ensure that no attribute name contains the delimiter you select.
5. Save the configuration.

Setting custom properties to enable multiple FileNet P8 connector instances and repositories to connect

Enabling multiple IBM FileNet® P8 Content Manager connectors in a single JVM to connect to multiple FileNet P8 repository instances can require the setting of two custom properties, *CredentialsProtection* and *CryptoKeyFile*.

By default, a FileNet P8 Content Manager connector instance relies on the `WcmApiConfig.properties` file on the repository server to specify the connection information for the FileNet P8 repository. Because this file sets connection information for the entire JVM, every FileNet P8 Content Manager connector must use the same connection settings, which can prevent multiple connector instances from connecting to multiple FileNet P8 repository instances.

To set the *CredentialsProtection* and *CryptoKeyFile* properties in a FileNet P8 Content Manager connector instance:

1. In the administration tool, open the properties page for the connector instance.

2. Add or verify the *CredentialsProtection* and *CryptoKeyFile* properties. If you created the connector instance after applying Version 8.5.1 Fix Pack 2 or later, the properties already exist.

3. Set the *CredentialsProtection* property value to specify the credentials protection level that FileNet P8 requires for repository login.

   - `Default` uses the `WcmApiConfig.properties` file to specify the credentials protection level. `Default` is the default value.

   - `Clear` omits encryption and ignores the level set in the `WcmApiConfig.properties` file, which you can remove from the connector class path.

   - `Symmetric` includes encryption and ignores the level set in the `WcmApiConfig.properties` file, which you can remove from the connector class path.

   You can retrieve this value from the `WcmApiConfig.properties` file, typically located in the `C:\Program Files\FileNet\Workplace\WEB-INF\` directory of the repository server.

4. If the value of the *CredentialsProtection* property is `Symmetric`, you must supply a value for the *CryptoKeyFile* property, which specifies the path to the crypto key file to be used during repository logon. The path must be complete and use either forward slashes or backslashes. Any backslashes must be escaped with an extra backslash: for example, `C:\\Program Files\\FileNet\\Authentication\\CryptoKeyFile.properties`.

   You can retrieve this value from the `WcmApiConfig.properties` file.

Repeat this procedure for each FileNet P8 Content Manager connector instance.

Included fixes

This fix pack fixes six APARs and includes two security updates. It also includes all fixes that were contained in versions 8.5.1 Fix Pack 1, Fix Pack 2, and Fix Pack 3.

APAR fixes

Version 8.5.1 Fix Pack 4 addresses the following Authorized Program Analysis Reports (APARs). It also includes all APAR fixes from versions 8.5.1 Fix Pack 1, Fix Pack 2, and Fix Pack 3.

APARs fixed in Content Integrator Version 8.5.1 Fix Pack 4

Table 1. Content Integrator APARs fixed in Fix Pack 4. In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR40610	IBM Content Manager OnDemand connector	The IBM Content Manager OnDemand connector does not accept default fixed values as the search criteria for queries	Windows UNIX
JR40621	SOA Web services	The repository was not logged off after the SOA Web services RetrieveDocument request was invoked	Windows UNIX
JR41414	IBM Content Manager connector	Out of memory exceptions occur in the IBM Content Manager connector when querying an item class with many complex properties	Windows UNIX
JR42299	Common viewer applet	Signatures in PDF documents are not displayed in the common viewer applet when the system locale is set to French	Windows UNIX
JR42629	Common viewer applet	A backward compatibility issue was introduced into the common viewer applet by the fix for APAR JR39003	Windows UNIX
JR44655	Relational Database Management System connector	Incorrect results were returned for date-based queries that used the Relational Database Management System connector	Windows UNIX

APARs fixed in Content Integrator Version 8.5.1 Fix Pack 3

Table 2. Content Integrator APARs fixed in Fix Pack 3. In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR34091	Web Services API	Multi-page documents imported by the Web Services API (WSAPI) into the IBM Content Manager repository are displayed incorrectly in the Content Manager eClient.	Windows UNIX z/OS
JR37774	Hummingbird DM connector	In the Hummingbird connector, getItemClassList() generated a java.io.EOFException error.	Windows UNIX
JR37857	Hummingbird DM connector	Attempts to crawl the Hummingbird repository (installed on Oracle) using OmniFind® Enterprise Edition failed.	Windows UNIX

Table 2. Content Integrator APARs fixed in Fix Pack 3 (continued). In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR37954	IBM FileNet Content Manager connector	View services could not convert content referenced in the IBM FileNet Content Manager repository from one MIME type to another.	Windows UNIX
JR37959	IBM Content Manager connector	When IBM FileNet Content Federation Services used the IBM Content Manager connector to retrieve and lock down batch records, the performance was slow.	Windows UNIX z/OS
JR38294	Core	New multi-queries require reloading the FederatedQueryTransformer class into memory.	Windows UNIX z/OS
JR38311	Core	Calling the new Repository.lockDownRecord() method caused the IBM FileNet Content Services, IBM FileNet Content Manager, and EMC Documentum connectors to throw the NotLoggedOnException.	Windows UNIX
JR38374	Microsoft SharePoint connector	The content in a secondary directory with i18n characters (such as Chinese, Japanese, French special characters) in the directory name is not returned correctly by ICI SharePoint connector.	Windows UNIX
JR38376	IBM FileNet Image Services connector Web Services API	Creating content by using the Web Services API (WSAPI) triggered a NullPointerException when a folder ID was not specified or when the FileNet Image Services connector was used.	Windows UNIX z/OS
JR39003	Common viewer applet	The common viewer did not display documents with a MIME type of application/x-FileNET-external.	Windows UNIX z/OS
JR39022	Session pool	Exceptions occur when using a single user object in a session pool to perform federated operations such as search and document retrieval across multiple connectors.	Windows UNIX z/OS
JR39128	Common viewer applet	The common viewer renders some documents of type PDF/A generated by Kofax incorrectly.	Windows UNIX z/OS
JR39135	Core	Connector plugin proxy definition is loaded into system memory every time a connector plugin proxy is requested with the Repository.getPluginProxy() method.	Windows UNIX z/OS
JR39208	Core	Multi-query thread pooling properties are read from local configuration and not the configuration server when the server is specified using the vbr.as.direct.rmi.urls JVM property.	Windows UNIX z/OS
JR39304	SOA Web services	Users could not access Content Integrator SOA services when the application server where the SOA services were deployed was unable to connect to the Internet.	Windows UNIX z/OS

Table 2. Content Integrator APARs fixed in Fix Pack 3 (continued). In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR39305	IBM Content Manager OnDemand connector	When using the ODWEK connector to retrieve content, date parsing exceptions appear in the logs.	Windows, UNIX, z/OS
JR39431	Web Services API	Query Service calls using WSAPI do not return null for blank metadata.	Windows, UNIX, z/OS
JR39508	Common viewer applet	The common viewer renders vertically printed text pages of some document of type PDF incorrectly.	Windows, UNIX, z/OS
JR39632	Common viewer applet	A java.io.IOException can occur when viewing images by using the common viewer applet in Internet Explorer with the Oracle Java plug-in.	Windows, UNIX, z/OS
JR39753	Session pool	When attempting to obtain a User object from the session pool after a previous failed attempt, you receive the error message "The user is already logged in".	Windows, UNIX, z/OS
JR40146	Common viewer applet	Exception occurs when using the common viewer applet to display documents in a browser that has Java caching enabled.	Windows, UNIX, z/OS

APARs fixed in Content Integrator Version 8.5.1 Fix Pack 2

Table 3. Content Integrator APARs fixed in Fix Pack 2. In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR34632	Common viewer applet	When you view documents by using the common viewer applet, the Sonoran fonts do not properly display.	Windows, UNIX, z/OS
JR34800	IBM Content Manager connector	The getCanDelete method in the IBM Content Manager connector was incorrectly returning true for checked out content and when the CFS ICMDeleteHold attribute was set.	Windows, UNIX, z/OS
JR35205	RMI proxy connector	Connectors that are not configured with an RMI proxy connector are not automatically logged off if the connector is dereferenced.	Windows, UNIX, z/OS
JR35428	Data maps	Removing a connector from a Content Integrator data mapping was not removing all references from the mapping.	Windows, UNIX, z/OS
JR35470	IBM Content Manager OnDemand Web Enablement Kit connector	In the IBM Content Manager OnDemand Web Enablement Kit connector, getMimeType was not returning the mime type specified in the ODWEK configuration file arswww.ini.	Windows, UNIX, z/OS

Table 3. Content Integrator APARs fixed in Fix Pack 2 (continued). In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR35517	IBM Content Manager connector	On IBM FileNet Content Federation Services with the IBM Content Manager connector, resource item types with a Never Create policy were not locked down or filtered from the list of item classes.	Windows UNIX z/OS
JR35705	Upgrade from WebSphere® Information Integrator Content Edition V8.3	After upgrading WebSphere Information Integrator Content Edition V8.3 to Content Integrator V8.5.1, the client application throws errors when an executed query uses datamap property names to set the orderby properties.	Windows UNIX z/OS
JR35779	IBM FileNet Content Services and IBM FileNet Image Services connectors	The IBM FileNet Content Services and IBM FileNet Image Services connectors might stop the host Java process.	Windows
JR35823	RMI proxy connector	Using an RMI proxy connector assigns random ports to individual connectors, which can cause some firewalls to block RMI communication, resulting in "Connection timed out" errors.	Windows UNIX z/OS
JR35893	Session pools	Performance losses occur when obtaining users from a local session pool that is configured with remote connectors.	Windows UNIX z/OS
JR35947	OpenText Livelink connector	The OpenText Livelink connector cannot retrieve a property if the attribute name contains a forward slash character.	Windows UNIX
JR35952	Data maps	Excess data stored in the data map dictionary objects might cause an out-of-memory error.	Windows UNIX z/OS
JR35953	IBM Content Manager connector	A thread invoking the getNativeContent method of the IBM Content Manager connector can hang indefinitely with 100% CPU utilization.	Windows UNIX z/OS
JR36035	IBM FileNet P8Content Managerconnector	The FileNet P8 Content Manager connector was not authenticating to external content reference URLs during native content retrieval, resulting in a "java.io.IOException: Server returned HTTP response code: 401" error being thrown.	Windows UNIX
JR36185	Common viewer applet	The common viewer applet was not properly displaying certain barcode fonts.	Windows UNIX z/OS
JR36488	IBM Content Manager OnDemand Web Enablement Kit connector	The IBM Content Manager OnDemand Web Enablement Kit connector was not retrieving the first segment of segmented files such as line data and AFP (Advanced Function Presentation) files.	Windows UNIX z/OS
JR36530	SOA Web services	SOA Web services fail when requests contain no header information.	Windows UNIX z/OS

Table 3. Content Integrator APARs fixed in Fix Pack 2 (continued). In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR36698	IBM Content Manager OnDemand Web Enablement Kit connector	The IBM Content Manager OnDemand Web Enablement Kit connector was not converting application/line type data to ASCII.	Windows UNIX z/OS
JR36997	OpenText Livelink connector	The OpenText Livelink connector was returning query results slowly when using OmniFind Enterprise Edition.	Windows UNIX

APARs fixed in Content Integrator Version 8.5.1 Fix Pack 1

Table 4. Content Integrator APARs fixed in Fix Pack 1. In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR32936	IBM Content Manager connector and common viewer applet	When you retrieve a single page from multi-page document using the IBM Content Manager connector, internally all pages of the document are retrieved to get the requested one page.	Windows UNIX z/OS
JR32940	Common viewer applet	When you are retrieving a multi-part document by using the common viewer applet, the first part of the document is retrieved twice and the last part is not retrieved.	Windows UNIX z/OS
JR33042	Documentum connector	Running the Read Access tokens method against the Documentum connector returns results too slowly and causes a time out in OmniFind while validating an existing user.	Windows UNIX
JR33250	FileNet P8 Content Manager connector	When you perform searches against the FileNet P8 Content Manager connector, the results do not contain documents that are instances of subclasses of the base class.	Windows UNIX
JR33400	Common viewer applet	When using the common viewer applet, you cannot open PDF files and when you use view services, some PDF and AFP documents do not render correctly.	Windows UNIX z/OS
JR33450	Documentum connector	Results are returned slowly when you run the executeFinder method against the Documentum connector. The issue causes a delay during the post-filtering process in OmniFind Enterprise Edition.	Windows UNIX
JR33461	Session pool	When you run session pools in server mode and if the configuration server stops, the session pool server tries to reconnect every pooling session.	Windows UNIX z/OS
JR33512	IBM FileNet Content Services connector	The unLockRecord method for the IBM FileNet Content Services connector should restore value of the permanent flag to the value it had prior to its modification by the lockDownRecord method.	Windows UNIX
JR33513	FileNet P8 Content Manager connector	The unLockRecord method in the FileNet P8 Content Manager connector should restore the value of the lockdown marking property to the previous value before the lockDownRecord method modified it.	Windows UNIX

Table 4. Content Integrator APARs fixed in Fix Pack 1 (continued). In the Platforms column, UNIX includes all supported UNIX-based systems.

APARs	Connector or Component	Description	Platforms
JR33514	IBM Content Manager connector	The unLockRecord method for the IBM Content Manager connector does not restore the locking information to its original state.	Windows UNIX z/OS
JR33592	Documentum connector	You cannot extract group information for a user by using the login name if the login name is different than the user name.	Windows UNIX
JR34010	IBM Content Manager for z/OS connector	You receive an error when you try to run a full-text search on IBM Content Manager for z/OS	z/OS
JR34123	View services	Using view services to convert TIFF files to other formats might fail and cause errors.	Windows UNIX z/OS
JR34753	FileNet P8 Content Manager connector	The getContent and executeQuery methods were improved so that the number of calls to the repository is reduced in the FileNet P8 Content Manager connector.	Windows UNIX

The ValueCriteria field was not initially visible in the RepoBrowser

When you started the RepoBrowser command line example, the ValueCriteria field was not visible.

Symptom

The ValueCriteria field was not visible unless you resized the browser window in which the RepoBrowser was running.

Cause

This problem occurred on systems with a screen resolution of 800x600 or lower.

Action

Applying Version 8.5.1 Fix Pack 4 or later fixes this problem.

Known problems and restrictions

For any problems or restrictions discovered after the release of IBM Content Integrator Version 8.5.1 Fix Pack 4, see the Content Integrator support web page.

Content Integrator support web page: http://www.ibm.com/support/entry/ portal/Overview/Software/Information_Management/Content_Integrator/.

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