

IBM® FileNet® UpdateManagerCE

Tool for bulk processing of objects stored in IBM FileNet Content Manager



Highlights

Allows bulk transformations and updates of properties on stored objects, like documents

Different possibilities to select objects to be processed update.

Helpful tool for administrators

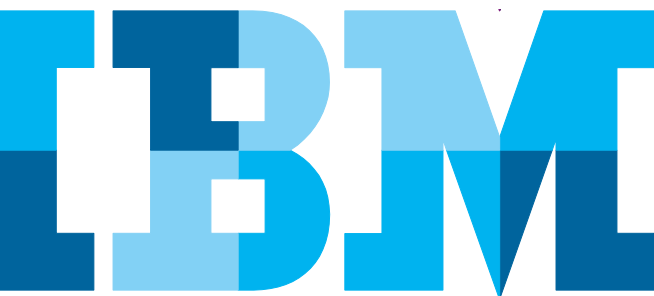
Customer often have requirements to perform bulk updates on meta-data, security settings or storage structures for larger quantities of stored objects (like documents, folders, custom objects, etc.) inside IBM FileNet Content Manager environments. IBM FileNet UpdateManagerCE supports you with a broad set of built-in functionality to perform those tasks. Additional functionality could be added using Java(TM) and scripting technologies. Furthermore it could be a useful tool, to support the administration of the IBM FileNet Content Manager.

Solution Description

As a command line tool *IBM FileNet UpdateManagerCE* processes job files containing one or more jobs. A single job describes how to select the objects to be processed and which actions should be performed with the selected object. Currently *IBM FileNet UpdateManagerCE* supports to select objects either by SQL statements (Content Manager SQL), Ids provided by a file or by individually identifying search criteria provided by CSV (comma separated values) files. For the selected objects *IBM FileNet UpdateManagerCE* executes one or more actions.

Currently *IBM FileNet UpdateManagerCE* provides the following built-on actions for objects:

- Transformation and updates of properties, includes copying values to and from other objects currently selected and somehow linked with (e.g. deriving a folder name down to the objects contained in the folder).
- Resetting property values on selected objects.
- Add, Remove and update of security settings on the select objects.
- Resetting the security on the selected objects back to the default security.
- Moving the content of documents and annotations between storage areas, including synchronizing the storage policy.



- Add/Delete objects to/from already existing folders.
- Reporting of properties from selected objects and objects somehow linked with the current object.

On the parameter level of action *IBM FileNet UpdateManagerCE* provides possibilities to evaluate expressions. Those expressions allow you to transform source values of different sources (like properties of the current object, runtime variables, etc) into new target values. You can build those expressions from a broad set of built-in functions to manipulate string, date and time and numerical values, e.g. `left()`, `trim()`, `addTime()`, etc.

At your request, *IBM FileNet UpdateManagerCE* logs all actions applied to selected objects. As well *IBM FileNet UpdateManagerCE* creates a statistic about the numbers of successfully and failed processed objects, the time required and the throughput.

The configuration of the *IBM FileNet Content Manager* systems is done by simple structured XML file. New extension modules could easily configured by the configuration file.

Technical Information

IBM FileNet UpdateManagerCE requires at least a Java™ 2 Runtime Environment version 5.0 (aka 1.5) or higher (recommended is Java™ 2 Runtime Environment 6.0 (aka 1.6)) and the installation of the *IBM FileNet Content Manager* Java API version 4.5.1 or higher. *IBM FileNet UpdateManagerCE* basically supports the *IBM FileNet Content Manager* supported UNIX and Microsoft™ Windows™ platforms.

Cross References

Previously versions for older *IBM FileNet Content Manager* versions are also known as P8 UpdateServices.

Supported Versions

- *IBM FileNet Content Manager* via CEWS on Websphere, WebLogic, JBoss on IBM supported OS platforms

For support of non listed versions please contact the Germany Asset Support Center of the ECM Software Services team, reachable via email: gerasc@de.ibm.com

Service Offering

- Runtime version per repository (*IBM FileNet Content Manager*)
- Installation and configuration support
- Developing and implementing of specific action handler
- Support and maintenance services

Use Cases

- Normalizing index values, like correcting data formats.
- Correcting security settings caused by organizational changes of user and group structures.
- Changing content location depending on document states.
- Migrating content from *IBM FileNet Image Services* to *IBM FileNet Content Manager* (requires CFS federated documents).
- Simple retention management supporting the deletion of documents reached a specific age (doesn't override the retention management provided by the used storage technology).
- Housekeeping tasks like exporting and deletion of audit information.



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