

IBM® FileNet® BatchItIM

Archiving of any set of files as documents into IBM FileNet Image Services



Highlights

Importing high volumes of documents fast and easy into *IBM FileNet Image Services*

Controlled by text files and configuration

Functionality and syntax similar to *IBM FileNet BatchItCE*

Service Offering

Runtime Version per *IBM FileNet Image Services* System

Installation and Configuration Support

Support and Maintenance Services

Very often our customers need to import thousands of documents into FileNet repositories in a very short period of time. *IBM FileNet BatchItIM* is an application for importing documents in a fast and easy to use manner to *IBM FileNet Image Services(IM)*. Files to be imported will be taken from the file system and can be of any file format, though the majority of customers uses *IBM FileNet BatchItIM* to import images in TIF format or office documents. Checkpoint and restart capabilities help IT to run their business smoothly.

Solution Description

IBM FileNet BatchItIM runs as a command line tool and interprets “input files” which specify the details, namely which documents to import and which properties to apply for later retrieval. *IBM FileNet BatchItIM* can be called either for a list of explicitly named input files or for a complete directory (or directory tree), and be run just once or in loop mode.

As *IBM FileNet BatchItIM* uses Fast Batch Committal (FBC) mode, import is very efficient.

IBM FileNet BatchItIM consists of one executable file and a suite of library files that contain the functionality, plus a set of message files which map internal error codes to text messages – those are delivered in German and English; if required, they can be translated into other languages.

Configuration File

This file is used to set a lot of options for *IBM FileNet BatchItIM*. A sample file is delivered with the package, detailed instruction are contained in the manual. On demand, IBM Software Services scan provide guidance and support on setup and optimal usage, as a paid service.

Input File

These ASCII or UTF-8 files contain all necessary information about the documents to be archived including document class and the property values to be set. One file can serve to import any number of documents – just one or up to millions. According to size, breakup into “batches” happens automatically. The syntax is easy and has been adopted by many customers and scan providers for years.



Processing in Phases

IBM FileNet BatchItIM does its job in a sequence of phases. A preprocessing phase checks for correctness and breaks up the sequence of documents in adequate batches. The archive phase does the main job of importing. Optionally, the verify phase checks for successful completion of the asynchronous write process to optical/MSAR media. Further options, like cleanup and flexible reporting, can make the administration easier and more efficient. Depending on the server setup (e.g. Fast Batch Breakup), prefetch to or removal from page cache can help in performance tuning.

In case of dynamic failure, an automatic recover mechanism can be used to retry the part that failed. For that purpose, an intermediate “control file” keeps track of the progress for each input file.

Technical Information

IBM FileNet BatchItIM is a client program built on top of *IBM FileNet Image Services Toolkit 4.0 /4.1* (ISTK, formerly known as WAL) and available for all platforms that this toolkit supports. If employed on Microsoft® Windows® platforms, *IBM FileNet IDM Desktop* can serve as a substrate instead of *IBM FileNet Image Services Toolkit*.

To import documents into *IBM FileNet Image Services*, *IBM FileNet BatchItIM* requires an user-account with appropriate access rights and consumes one SLU (per instance).

IBM FileNet BatchItIM is licensed per *IBM FileNet Image Services system*.

Supported Versions

- *IBM FileNet Image Services* >= 4.1

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

Cross References

To archive into *IBM FileNet Content Manager*, *IBM FileNet BatchItCE* is available with a similar range of functions.

IBM FileNet AFPArchiver serves to store high volumes of AFP documents, whereas *IBM FileNet TEXTimport* is available for archiving print lists efficiently.

Both solutions are available for *IBM FileNet Image Services* as well as *IBM FileNet Content Manager(CE)*.

To export documents from *IBM FileNet Image Services*, *IBM Export for FileNet Image Manager* is available.

Use Cases

- Central import tool to import documents for various input channels of multiple clients.
- For customer support documents (classified by scan provider with special index values) a workflow for service department will automatically be launched.



IBM Deutschland GmbH
IBM-Allee 1
71139 Ehningen
ibm.com/de

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