



Differentiate your functional dependencies from your scheduling dependencies

Overview

eFILE allows asynchronous file exchanges between batch processes. The creators and consumers of a file can thus benefit from a functional link (a logical identifier of the file) without having to be constrained by a technical dependency (i.e.: a scheduler predecessor/successor, or even the physical name of the file).

A creator can register its file under an identifier within the sink, to be later extracted by one or more readers, which previously subscribed to this identifier. Each subscription describes the behaviour when multiple files are available (Merge, FIFO, LIFO, etc...).

Key Features

- Anticipates inconsistencies through format checking detection on z/OS
- Certifies that given deposited file is not identical to a previously deposited file
- A loading identifier can feed several extraction identifiers.
- An extraction identifier can consume multiple load identifiers
- Drives the preservation of deposited files according to the defined retention time. Files can therefore be newly made available for extraction.
- Every action, every event within the data sink is written in a log, to ensure better traceability

Access your files with greater ease

- Through the batch utility and the User interface
- Types of user profiles:
 - ◆Administration: Global parameters and behaviours
 - ◆Edition: Creation of the load/extraction identifiers and the subscriptions.
 - ◆Monitoring: Ability to change the file status (ready, extracted, held, archived)
 - ◆View: Read only access
- Multi-criteria filtering
- Contextual navigation

Track your files in different ways

- By identifier/deposit or extraction number, job name, jobid, date, status,...

Secure your IT

- Unique, or by association (ex: block all extraction identifiers using a loading data identifier).

Manipulate the file status

- Unitary, or multiple files at once: by load ID or Extraction ID
- Restoration, Suspension, Deletion.

Custom Queries

- Custom queries (SELECT) can be created by the Administrator to be made accessible to the users.
- Users can execute these requests, providing the expected parameters if any, and get the results in the User Interface or as a csv file.

Events log

- Every action performed in the sink is track in the log.
- Multiple logs types are available, classifying the actions (Global log, Error Log, Extraction Log)

MAJOR FEATURES

- The job registering a file in the sink does not need to know its consumer(s). Similarly, the subscription a new consumer to a Load ID does not require any modification of its creator
- The scheduling of the consumer of a file can be completely different from the scheduling of its creator.
- A subscription can describe the presence of files as “optional”. In this case, the consumer will successfully obtain an empty file. Conversely, a “mandatory” subscription, described as the number of expected files, will provoke an abend of the extraction job.
- Subscribers to a file, or a set of files, can describe an event to be automatically triggered when all the expected files are available. For example: Releasing an application, transferring the file to a partner, sending an email, etc.

ID	Statut	Nombre de fichiers	Statut	Date de chargement	Start	End	Nombre d'extraction	Date d'extraction	Nombre de consommateurs
DUPNY TEST004	AA000001	EFILE TEST004.AA000001.D180517.HF230605	READY		2018-05-17 16:26:08				6
DUPNY TEST003	AA000001	EFILE TEST003.AA000001.D180517.HF232368	READY		2018-05-17 16:23:24				1
TEST095	AA000001	EFILE TEST095.AA000001.D180517.HF235944	EXTRACTED		2018-05-17 16:26:20	AA000001	2018-05-17 16:29:23		6
TEST096	AA000001	EFILE TEST096.AA000001.D180517.HF241445	READY		2018-05-17 16:24:13				6
TEST092	AA000001	EFILE TEST092.AA000001.D180517.HF250441	HELD		2018-05-17 16:22:51				6
TEST089	AA000001	EFILE TEST089.AA000001.D180517.HF219844	EXTRACTED		2018-05-17 16:21:97		2018-05-17 16:21:30		6
DUPNY TEST005	AA000001	EFILE TEST005.AA000001.D180517.HF232474	READY		2018-05-17 16:21:25				0
DUPNY TEST024	AA000001	EFILE TEST024.AA000001.D180517.HF212510	READY		2018-05-17 16:21:21				18
TEST087	AA000002	EFILE TEST087.AA000002.D180517.HF194403	READY		2018-05-17 16:19:44				6
TEST087	AA000001	EFILE TEST087.AA000001.D180517.HF194118	READY		2018-05-17 16:19:41				6
DUPNY TEST026	AA000001	EFILE TEST026.AA000001.D180517.HF183504	READY		2018-05-17 16:18:37				6
TEST086	AA000001	EFILE TEST086.AA000001.D180517.HF183388	READY		2018-05-17 16:18:34				6
TEST086	AA000002	EFILE TEST086.AA000002.D180517.HF183388	READY		2018-05-17 16:18:34				6
TEST083B	AA000001	EFILE TEST083B.AA000001.D180517.HF162812	EXTRACTED		2018-05-17 16:16:29	AA000001	2018-05-17 16:17:10		6
DUPNY TEST007	AA000001	EFILE TEST007.AA000001.D180517.HF162137	READY		2018-05-17 16:16:22				0
DUPNY TEST018	AA000001	EFILE TEST018.AA000001.D180517.HF161659	READY		2018-05-17 16:16:51				6
DUPNY TEST017	AA000001	EFILE TEST017.AA000001.D180517.HF161943	READY		2018-05-17 16:16:21				6

ISC's Other Solutions Include:

E-GEN

Industrialize your operations

iCAN

Production user tool for Audit, Analysis and Reverse documentation

JCL Checker

Evaluate, Change, and Validate JCL

eSMF

Unlock the knowledge in your z/OS records

uWME

Universal Workload Migration Engine

AGENT

Cross system deployment

iPACK

Facilitates exchanges between z/OS and Windows/Linux

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