

Update deliveries for PMG

Background information

Formerly only one file per publication and publication date could be delivered to the PMG database. Now a new functionality allows update deliveries. This helps to keep our customers even more up-to-date with current news.

Please note: Update deliveries are only processed after a publication has been activated for update deliveries by PMG. Therefore, we would kindly ask you to inform us before you send any test data. The following preconditions have to be fulfilled for update deliveries.

1. Technical requirements

Article-ID

- Each article has to consist of a unique numeric or alphanumeric article-id, which must be identical in all subsequent article versions.
- The article-ID may not exceed the maximum character limit of 1024 characters.

Sequence number

Precondition for the processing of an update delivery is that a sequence number is included in the filename of the delivery as well as in the xml file.

The file naming convention is as follows:

[publisherID]-sourceID-date[-sequencenumber].Extension

Example: 12345-ABC-25112016.xml resp. 12345-ABC-25112016.zip

The ID of publisher is optional.

For the allocation of sequence numbers the following rules need to be observed:

- Only a maximum of 10 digits are permitted
- In case of a missing sequence number the number 0 will be assumed.
- The sequence number may be used for all delivery formats (.zip, .jar, .asc.gz, .xml.gz)
- The sequence number must be used for the file name of the delivery as well as for the xml-file or asc- file and it needs to be identical.
- Also the first delivery may contain a sequence number, like for example the number „-0“.
- The counting of sequences takes place in ascending order and begins again for each issue/publication day.

Example 1: sequence number beginning with “1”

delivery:	123456-ABC-06042016.xml	resp.	123456-ABC-06042016.zip
1. update delivery:	123456-ABC-06042016-1.xml	resp.	123456-ABC-06042016-1.zip
2. update delivery:	123456-ABC-06042016-2.xml	resp.	123456-ABC-06042016-2.zip
delivery:	123456-ABC-07042016.xml	resp.	123456-ABC-07042016.zip
1. update delivery:	123456-ABC-07042016-1.xml	resp.	123456-ABC-07042016-1.zip
2. update delivery:	123456-ABC-07042016-2.xml	resp.	123456-ABC-07042016-2.zip

Example 2: sequence number with exporting date and exporting time

delivery:	789999-DEF-25112016.xml	resp.	789999-DEF-25112016.zip
1. update delivery:	789999-DEF-25112016-1611251434.xml	resp.	789999-DEF-25112016-1611251434.zip
2. update delivery:	789999-DEF-25112016-1611271103.xml	resp.	789999-DEF-25112016-1611271103.zip

Content of an update delivery

- Update deliveries should not contain the content of the entire publication but merely new and/or updated articles.
- No empty deliveries will be delivered to PMG.
- Article updates and missing articles/components can be delivered for the last 35 days. The date in the filename of the zip/xml file corresponds to the publishing date of all articles in the XML file.

2. Processing of update deliveries

Processing criteria

The processing of update deliveries is carried out via the article-IDs

Processing logic

- A delivery may only contain articles of the same publication date
- The sequence number determines the currentness of the articles. Articles with a lower sequence number cannot replace articles with a higher sequence number.
- Different versions of an article will not be held available. If an article of an update delivery with an identical article-ID has already been delivered in an earlier version, it will be replaced.
- If an update delivery contains an article with a new article-ID it will be added to the publication
- Articles cannot be deleted by update deliveries - articles which are not included in later versions of the publication will remain in the system
- The article is always overwritten completely with the new version. This refers to article content and article components, i.e. an article component is no longer available if it was not included in the update.

Release date

A release date cannot be altered by update deliveries. The release date allocated in the first version of a publication will remain valid.

3. Example Scenario

Delivery	Content of delivery	Processing	Content of publication
1st delivery	200 articles with article-IDs without page-PDFs	200 articles are imported	200 articles
1st update delivery	200 articles with article-IDs with page-PDFs	200 articles are replaced	200 articles with page-PDFs
2nd update delivery	205 articles with article-IDs without page-PDFs	200 articles are replaced 5 articles are added	205 articles without page-PDFs
3rd update delivery	204 articles with article-IDs without page-PDFs	204 articles are replaced 1 article remains from 2 nd update delivery	205 articles without page-PDFs
4th update delivery	204 articles without article-IDs with page-PDFs	update delivery is not accepted without article-IDs	205 articles without page-PDFs
5th update delivery	204 articles with article-IDs with page-PDFs	204 articles are replaced 1 article remains from 2 nd update delivery	204 articles with page-PDFs 1 article without page-PDF

4. Error and warning messages

Error messages (in German Language)

- **„Die Angabe einer Sequenznummer ist im Dateinamen der Lieferung für diese Quelle nicht erlaubt.“ / „A sequence number in the file name of this delivery is not allowed for this publication“**
The publication is not unlocked for update deliveries.
- **„Die Publikation ist bereits vorhanden. Diese Datei wurde daher ignoriert.“ / „The publication is already existent. The file was ignored.“**
A new update delivery of a publication sent with the same sequence number will be ignored.
- **„Ungültige Sequenznummer“ / “Sequence number”**
The use of other characters than decimal numbers for the sequence number will lead to an error message and a termination of the import.
- **„Ungültige Artikel-ID“ / „Invalid article-ID“**
In case article-IDs are missing or identical article-IDs have been used multiple times within one delivery, an error message will be displayed and the import will be aborted.

Warning messages (in German Language)

- **„Gelöschter Artikel wurde nicht übernommen“ / „Deleted article was not accepted“**
In case certain articles of earlier versions of the publications had to be deleted (i.e. for legal reasons), these will not be accepted when redelivered. A warning message will be displayed together with a list of the articles in question.
- **„Artikel bereits in neuerer Version vorhanden“ / „Article already available in newer version“**
If an article was already delivered with a higher succession number it will not be processed.

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