

## REGISTER PRIORITY DOCUMENT IN DAS 2.0

To register a priority document in DAS, the depositing Office may choose to offer access to the document content through its own digital library or to send an electronic copy of the document content to be made available in the digital library held at WIPO.

## DOCUMENT HELD IN THE WIPO DIGITAL LIBRARY

To register a priority document in DAS with the supporting document content, the DAS PCT-EDI 'add-entry' operation should be used. The XML samples provided in this document is based on library-transaction-v2.0.dtd. Changes that are required for Route A Offices to implement the new route are marked.

### Request

The following XML sample is provided for a registration request containing only one add-entry operation. The request XML file should be named as library-transaction-request.xml. If there are multiple documents for the same applicant, a section of **library-entry** tag should be used. If there are multiple applicant details in the same request, a section of storage-request tag should be used for each section of applicant details.

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE library-transaction (View Source for full doctype...)>
- <library-transaction dtd-version="2.0" lang="en" file="library-transaction-request.xml" transaction-type="request"
  transaction-id="IB-IB-20120308-000068.zip" date-produced="20120308" country="IB" sending-office="IB"
  recipient-office="IB">
- <storage-request-list>
  - <storage-request operation="add-entry" route="N">
    - <storage-library-entry-list>
      - <library-entry-owner-details>
        - <library-entry-owner>
          - <addressbook lang="en">
            <name name-type="natural">Mr Mark Sample</name>
            - <address>
              <address-1>1 Sample Street</address-1>
              <address-2>Sample Region</address-2>
              <address-3>Sample Town SR1 2LD</address-3>
              <country>GB</country>
            </address>
            <email>sample@xxx.co.uk</email>
          </addressbook>
        </library-entry-owner>
      </library-entry-owner-details>
    - <library-entry ip-type="patent" appl-type="pct" id="le1">
      - <document-id>
        <country>IB</country>
        <doc-number>2011000123</doc-number>
        <date>20110901</date>
      </document-id>
      - <library-entry-document-list>
        - <library-entry-document document-type="pdoc" first-office-filing-date="20120215">
          <wrapped-document package-type="wad" file="IB2011000123-pdoc-000001-EN-IB-
            20110901--XXXXXXXXX.zip" />
        </library-entry-document>
      </library-entry-document-list>
      <control-code type="off">002A</control-code>
    </library-entry>
  </storage-library-entry-list>
</storage-request>
</storage-request-list>
</library-transaction>
```

Some key information should be provided in the XML content:

- o Attributes **transaction-id** and **date-produced** indicate the date when the request ZIP file is generated, the last part of the transaction-id is a sequential number used by the OFF to uniquely identify the ZIP request. It can be a daily or yearly sequence number.

```
transaction-id="IB-IB-20120308-000068.zip" date-produced="20120308"
```

- o Applicant details having name and e-mail address as minimum. Post address is optional if email address is provided.

```
- <library-entry-owner>
  - <addressbook lang="en">
    <name name-type="natural">Mr Mark Sample</name>
    - <address>
      <address-1>1 Sample Street</address-1>
      <address-2>Sample Region</address-2>
      <address-3>Sample Town SR1 2LD</address-3>
      <country>GB</country>
    </address>
    <email>sample@xxx.co.uk</email>
  </addressbook>
</library-entry-owner>
</library-entry-owner-details>
```

- o Document number including the filing date in **document-id/date** tag. The **add-entry** operation will result in error if the filing is not provided.

```
- <document-id>
  <country>IB</country>
  <doc-number>2011000123</doc-number>
  <date>20110901</date>
</document-id>
```

The filing date value becomes compulsory under the new Route. Route A Offices are required to implement this change in order to migrate to the new Route.

- o If the add-entry is applicable to more than one priority documents, each priority application number should be added with a **library-entry** tag using a unique **id** attribute

```
<library-entry ip-type="patent" appl-type="pct" id="le1">
```

The **ip-type** attribute is compulsory under the new Route. Route A Offices are required to implement this change in order to migrate to the new Route.

- o Reference to the document content provided as a zipped TIFF or PDF format including the date attribute **first-office-filing-date** which indicates when the applicant requested the OFF to make available the priority document.

```
<library-entry-document document-type="pdoc" first-office-filing-date="20120215">
  <wrapped-document package-type="wad" file="IB2011000123-pdoc-000001-EN-IB-
    20110901--XXXXXXXXX.zip" />
</library-entry-document>
```

It is recommended to Route A Offices to provide **first-office-filing-date** attribute value accordingly.

- o Access code if it is generated by the depositing Office. Otherwise, WIPO-DAS will generate and communicate it to the applicant based on the information provided as described above.

```
<control-code type="off">002A</control-code>
```

- o **route** attribute value of **storage-request** tag should be set to 'N' (New route) instead of 'A'. **Route A Offices are required to implement this change in order to migrate to the new Route.**

## Response

In reply, WIPO-DAS generates one response ZIP per document operation using the same request XML content but some response information is added. The response file name is library-transaction-response.xml.

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE library-transaction (View Source for full doctype...)>
- <library-transaction dtd-version="2.0" lang="en" file="library-transaction-response.xml"
  transaction-type="response" transaction-id="IB-IB-20120308-000068.zip" date-
  produced="20120308" id="IB-IB-20120308-000068-000001-000001" country="IB"
  sending-office="IB" recipient-office="IB">
- <storage-request-list>
- <storage-request operation="add-entry" route="N">
- <storage-library-entry-list>
- <library-entry-owner-details>
- <library-entry-owner>
- <addressbook lang="en">
  <name name-type="natural">Mr Mark Sample</name>
- <address>
  <address-1>1 Sample Street</address-1>
  <address-2>Sample Region</address-2>
  <address-3>Sample Town SR1 2LD</address-3>
  <country>GB</country>
  </address>
  <email>sample@xxx.co.uk</email>
  </addressbook>
  </library-entry-owner>
</library-entry-owner-details>
- <library-entry ip-type="patent" appl-type="pct" id="le1">
- <document-id>
  <country>IB</country>
  <doc-number>2011000123</doc-number>
  <date>20110901</date>
  </document-id>
- <library-entry-document-list>
- <library-entry-document storage-date="20120308" document-
  type="pdoc" first-office-filing-date="20120215">
  <wrapped-document package-type="wad" file="IB2011000123-
  pdoc-000001-EN-IB-20110901--XXXXXXXXX.zip" />
  </library-entry-document>
</library-entry-document-list>
  <control-code type="off">002A</control-code>
- <processing-status>
  <complete-success>Operation Successful</complete-success>
  </processing-status>
  </library-entry>
</storage-library-entry-list>
</storage-request>
</storage-request-list>
</library-transaction>
```

Additional Information is as follows:

- o **date-produced** attribute indicates the date when the response ZIP file is generated.
- o **id** indicates the response item of the corresponding document operation, considering that a request ZIP may contain several document operations.

```
id="IB-IB-20120308-000068-000001-000001"
```

Another example of a second response item for an initial request ZIP having five document operations.

```
id="IB-IB-20120308-000068-000002-000005"
```

- o Result of the operation

Successful operation would be indicated as follows:

```
- <processing-status>
  <complete-success>Operation Successful</complete-success>
</processing-status>
```

Failure would be indicated with an error code and message as follows (all available codes and messages are described in **library-transaction-2.0.dtd**) :

```
<processing-status>
  <complete-rejection errorcode="-3">INVALID FILE</complete-rejection>
</processing-status>
```

If the library-transaction-request.xml inside the request ZIP file is not well-formed, an error file is generated in response based on the same name of the request ZIP file (e.g. IB-IB-20120308-000068.err).

If the library-transaction-request.xml inside the request ZIP file is not well-formed, possible errors for an add-entry operation are:

Error code	Error message	Possible cause
-2	INVALID FILE FORMAT	The priority document file content should be provided in zipped TIFF or PDF format.
-3	INVALID FILE	The priority document file content cannot be read; it may be corrupted and incomplete.
-4	INVALID DATA	This may be caused by invalid value provided in XML elements. For example, the value of date <b>tag</b> is expected in the format of yyyyMMdd and the value of <b>country</b> tag should have a two letter valid country/office code (e.g. IB). In case of error, there will be an error location to indicate of the XML wrapper element which caused the problem. An example would be::  <processing-status><complete-rejection errorcode="-4">INVALID DATA</complete-rejection></processing-status> <error-reporting><error-location data="yes" structure="no">/library-transaction/storage-request-list/storage-request/storage-library-entry-list/library-entry/document-id/country</error-location></error-reporting>
-5	PDOC WITHDRAWN	If the priority document number has been withdrawn by the depositing Office, it is not possible to re-activate it automatically. If needed, this intervention should be explicitly requested by the OFF and should be undertaken by WIPO as a maintenance operation.

-13	MISSING PRIORITY FILING DATE	The priority filing date is missing.
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### DOCUMENT HELD IN THE DEPOSITING OFFICE

To register a priority document in DAS without the supporting document content, the DAS PCT-EDI 'add-entry' operation should be used and examples provided above are applicable. The only part which refers to the document content should be omitted. Basically the **library-entry-document-list** section is not required.