

RETRIEVE PRIORITY DOCUMENT FROM DAS 2.0

To retrieve a priority document from DAS, the accessing Offices must provide the access code. Although the priority filing date of the requested priority application is optional, it is strongly recommended for Offices to supply it in the retrieval request. This would allow DAS and the depositing Office to perform a cross check of the priority filing date and allow access to the document only if it matches the one registered in DAS. If the document itself is held in the Office digital library, it is recommended that the depositing Office performs also the cross check the priority filing date.

To retrieve a priority document from DAS, the DAS PCT-EDI 'get-document' 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 retrieval request containing only one get-document operation. The request XML file should be named as library-transaction-request.xml. If there are multiple documents to be retrieved, a section of **library-entry** tag should be used.

```
<?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="es-ib-20110925-000012.zip" date-produced="20110925" country="ES" sending-office="ES"
  recipient-office="IB">
- <retrieval-request-list>
  - <retrieval-request operation="get-document">
    - <retrieval-library-entry-list>
      - <library-entry ip-type="patent" appl-type="national" id="le1">
        - <document-id>
          <country>GB</country>
          <doc-number>0990001.0</doc-number>
          <date>20090911</date>
        </document-id>
        <control-code type="app">E82D</control-code>
      </library-entry>
    </retrieval-library-entry-list>
  </retrieval-request>
</retrieval-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="es-ib-20110925-000012.zip" date-produced="20110925"
```

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

```
- <document-id>
  <country>GB</country>
  <doc-number>0990001.0</doc-number>
  <date>20090911</date>
</document-id>
```

Providing the priority filing date in the request is strongly recommended for Route A Offices when the new Route is implemented.

- If the get-document 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="national" 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.

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

```
<control-code type="app">E82D</control-code>
```

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 is independent from whether the document is held in the WIPO or Office digital library. 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="es-ib-20110925-000012.zip" id="es-ib-20110925-000012-000001-000001"
  date-produced="20110926" country="ES" sending-office="IB" recipient-office="ES">
- <retrieval-request-list>
- <retrieval-request operation="get-document">
- <retrieval-library-entry-list>
- <library-entry ip-type="patent" appl-type="national" id="le1">
- <document-id>
  <country>GB</country>
  <doc-number>0990001.0</doc-number>
  <date>20090911</date>
</document-id>
- <library-entry-document-list>
- <library-entry-document storage-date="20090911" document-type="pdoc">
  <wrapped-document file="XXXXXXXXXXXX-pdoc-000001-EN-GB-20090911-
    0990001.0-XXXXXXXX.zip" package-type="wad" color-origin="blackwhite"
    blackwhite-converted="no" />
</library-entry-document>
</library-entry-document-list>
<control-code type="app">E82D</control-code>
- <processing-status>
  <complete-success>Operation Successful</complete-success>
</processing-status>
</library-entry>
</retrieval-library-entry-list>
</retrieval-request>
</retrieval-request-list>
</library-transaction>
```

Additional Information is as follows:

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

```
transaction-id="es-ib-20110925-000012.zip" id="es-ib-20110925-000012-000001-000001"
```

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

```
transaction-id="es-ib-20110925-000012.zip" id="es-ib-20110925-000012-000002-000005"
```

- o **storage-date** attribute indicates the date of registration of the document by the depositing Office

```
storage-date="20090911"
```

- 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>
```

- o The accessing Office may accept only black and white images, which can be requested by the Office as a bilateral arrangement so that a color or grayscale PDF is received, it will be converted to black and white with an indication of the original color of the documents as follows:

```
color-origin="color" blackwhite-converted="yes" />
```

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. ES-IB-20110925-000012.err).

If the library-transaction-request.xml inside the request ZIP file is not well-formed, possible errors for a get-document operation are:

Error code	Error message	Possible cause
-4	INVALID DATA	<p>This may be caused by invalid value provided in XML elements. For example, the value of date tag is expected in the format of yyyyMMdd and the value of country 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::</p> <pre><processing-status><complete-rejection errorcode="-4">INVALID DATA</complete-rejection></processing-status> <error-reporting><error-location data="yes" structure="no">/library-transaction/storage-request-</pre>

		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.
-6	ACCESS NOT AUTHORIZED	This is used for the transactional cases which the access authorization may be set by the applicant using the DAS Applicant Portal for Offices which operates under Route A or C. After migration of all Offices, This error will be returned if the request XML has an empty control-code tag or does not contain control-code tag.
-7	APPLICATION NUMBER NOT FOUND	The given priority application number does not match any existing application number in DAS
-8	FILE WAS NOT AVAILABLE (REQUESTED APPLICATION EXISTS BUT IS NOT CLEARED FOR DISSEMINATION, e.g. security)	This is due to the national security clearance procedure
-9	DOCUMENT(S) WAS NOT AVAILABLE (COMPLETE SET OF REQUIRED DOCUMENTS FOR CERTIFIED COPY IS NOT AVAILABLE)	This is due to the national examination procedure
-10	NO RESPONSE FROM OFF (REQUEST ENDED AFTER EXPIRATION OF A SPECIFIC TIMELINE (e.g. 30 days))	This is returned as a kind of timeout if such a bilateral arrangement with the accessing Office was established with WIPO in order to give the accessing Office to inform the applicant in due course.
-12	MISMATCH PRIORITY FILING DATE	The given priority filing date does not match the registered value in DAS or the record in the depositing Office (applicable only to cases which the document content is held in the Office digital library)
-14	MISMATCH ACCESS CODE	The given access code does not match the registered value in DAS or the record in the depositing Office (applicable only to cases which the document content is held in the Office digital library)
-15	MISMATCH ACCESS CODE AND PRIORITY FILING DATE	Both access code and priority filing date do not match the registered values in DAS or the records in the depositing Office (applicable only to cases which the document content is held in the Office digital library)

DOCUMENT HELD IN THE WIPO DIGITAL LIBRARY

In case of retrieval of a document held in the WIPO digital library, response will be provided within a few minutes, because WIPO-DAS holds a copy of the document.

DOCUMENT HELD IN THE DEPOSITING OFFICE

In case of retrieval of a document held in the depositing Office, WIPO DAS is responsible for relaying the request from the accessing Offices to the depositing Office; response will be provided first by the depositing Office, then repackaged and forwarded to the accessing Offices. What happens in the background is transparent to the accessing Offices.

Temporary Response

However, if the requested priority document is registered in DAS but the operation cannot be completed within 24 hours after the request is submitted to WIPO, WIPO DAS provides a temporary response to confirm the availability of the document. The following XML response file is an example of these cases.

```
<?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="GB-IB-20110922-000111.zip" id="GB-IB-20110922-000111-000001-000001"
  date-produced="20110923" country="GB" sending-office="IB" recipient-office="GB">
- <retrieval-request-list>
  - <retrieval-request operation="get-document">
    - <retrieval-library-entry-list>
      - <library-entry ip-type="patent" appl-type="national" id="le1">
        - <document-id>
          <country>MY</country>
          <doc-number>PI20062247</doc-number>
          <date>20060516</date>
        </document-id>
      - <library-entry-document-list>
        - <library-entry-document storage-date="20080501" document-type="pdoccert">
          <wrapped-document package-type="wad" file="XXXXXXXXXXXX-pdoc-000001-EN-MY-
            20060516-PI20062247-XXXXXXXX.pdf" />
        </library-entry-document>
      </library-entry-document-list>
      <control-code type="app">E82D</control-code>
    - <processing-status>
      <in-progress />
    </processing-status>
  </library-entry>
</retrieval-library-entry-list>
</retrieval-request>
</retrieval-request-list>
</library-transaction>
```

The key indicator of this temporary response is provided by the **in-progress** status:

```
- <processing-status>
  <in-progress />
</processing-status>
```

A one-page PDF document is also provided to confirm the availability of the requested document in DAS.

```
- <library-entry-document storage-date="20080501" document-type="pdoccert">
  <wrapped-document package-type="wad" file="XXXXXXXXXXXX-pdoc-000001-EN-MY-
    20060516-PI20062247-XXXXXXXX.pdf" />
</library-entry-document>
```