

# The European Library OAI-PMH installer & harvester

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## Server side: How to implement OAI-PMH using The European Library OAI-PMH installer?

To make the implementation of OAI-PMH as easy as possible for The European Library partners, the European Library Office distributes a platform independent installer package. This package installs a stand-alone java server that allows metadata in xml format to be made available via the OAI-PMH protocol.

Partner requirements:

- You must be able to export your metadata records from your Library Management System to separate files (ideally with the identifier as file name).
  - If you have more than one collection, each collection needs to be exported to a different folder.
  
- You must be able to export only updated, created, and deleted records periodically.
- You must be able to convert your exported metadata records to xml. MARC users could, for example, use the MARCXCHANGE format.

If you are interested in using The European Library OAI-PMH installer and you can meet the requirements, making the OAI-PMH server ready for your specific metadata format goes in the following steps:

1. Send between 100 and 1000 metadata records (both in your native and the xml format) to The European Library Office with [oai-installer] in the subject.
2. We will make a crosswalk from your metadata xml format to TEL application profile and oai\_dc, and include it in the OAI-PMH installer
3. The European Library Office will test the server with your metadata records against the OAI-PMH specifications.
4. You will then be notified that OAI-PMH installer is ready for use by your library and is available for download.

For the configuration of the OAI-PMH server and the preparation of files for serving, refer to below document (click on the thumbnail to open the PDF in another window).



The European Library OAI-PMH installer is available for reference only; to download, click on the below thumbnail.



## Client side: The European Library OAI-PMH harvester.

The OAI-PMH harvester is a java tool that The European Library Office uses to harvest our OAI-PMH targets. It is quite simple and straightforward to use.

1. Download the [OAI-PMH harvester here](#).
2. Unzip the file and go into the directory
3. Call `java -jar tel_oai_harvester.jar` from the command prompt
4. You then get the following command line switches:

```
tel_oai_harvester <-from date> <-until date> <-metadataPrefix prefix> <-setSpec  
setName> <-resumptionToken token> <-out fileName> baseURL
```

In the file 'tel\_oai\_targets.sh' you can find some sample commands to harvest **BN\_espolios** or **RR\_digar**. If you are able to harvest your OAI-PMH-target with this tool you will be TEL-OAI compliant.

NOTE: If your metadata is TEL OAI-PMH compliant, it does not mean that your metadata format complies with the TEL Application Profile for Objects by default. Refer to [The European Library Application Profile for Objects](#) for more info.