

Downloading records from the web

Thanks to the worldwide web, most of title records can be found in online catalogues. Moreover, additional information on titles - such as an abstract or the book cover - can be found in online bookshops.

Downloading titles from the web is a function that accelerates the cataloguing of your titles by combining the automated search of records and their download into your own catalogue.

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1. Automated search of records on the web

When you call the **Action>New** command in the Titles file, a dialog box is displayed, that lets you choose the document type and the catalogues to use for finding the record :

The dialog box is titled "Choice of the title record type". It is divided into several sections:

- Type:** A list box containing "Album", "Article", "Book" (highlighted in blue), "Brochure", and "cart".
- Information:** A text area containing "Catalogage d'une monographie selon l'ISBD(M)".
- Checkboxes:** Two checked options: "Choose this type by default" and "Display this dialog after saving every record".
- ISBN-ISSN or EAN:** An empty text input field.
- Search the record on the Web:** A checked checkbox with a "Configure queries..." button to its right.
- Query List:** A table with two columns: "Sel." and "Query".

Sel.	Query
<input type="checkbox"/>	Amazon Deutschland
<input type="checkbox"/>	Amazon España
<input type="checkbox"/>	Amazon France
<input type="checkbox"/>	Amazon Italia
<input checked="" type="checkbox"/>	Amazon UK
<input type="checkbox"/>	Amazon USA
<input type="checkbox"/>	Biblioteca Nacional de España
<input type="checkbox"/>	Bibliothèque Nationale Française
<input checked="" type="checkbox"/>	British Library
<input type="checkbox"/>	Buch.ch
<input type="checkbox"/>	CHVK
<input checked="" type="checkbox"/>	COPAC
- Buttons:** "Cancel" and "OK" buttons at the bottom right.

The lower part of the dialog box contains a field called ISBN-ISSN OR EAN and a list of online catalogues. Tick the catalogues you want to query.

Please note that you can reorder the list by dragging the catalogues vertically. You could for instance put the most queried catalogues at the top. We advise that you place at the top the library catalogues, then the bookshops catalogues. The order of the catalogues has an influence on the order of the tabs displayed in the window showing the search results (see § 1.2).

1.1 Entering the search criterion

Enter the ISBN/ISSN of the title you want to catalogue, either with the keyboard, or by scanning the preprinted barcode on the book/periodical.

Tick the **Search the record on the Web** check box. Tick then the catalogues you'd like to use for the current search. Validate by clicking on the **OK** button.

When you validate the dialog, two actions are performed :

- The software searches in your own catalogue a title record containing the entered ISBN : if a record is found, an alert is displayed, as you could be cataloguing the same title twice.
- The software searches in external catalogues a title record containing the entered ISBN and displays the found records in a new window.

1.2 Displaying the found title records

BiblioMaker uses two methods for querying the online catalogs :

- It uses the z39.50 and SRU/SRW protocols
- It simulates a query sent by a web browser (websites such as online bookshops usually don't support the z39.50 and SRU/SRW protocols)

Depending on the method used, the result will be displayed in different ways.

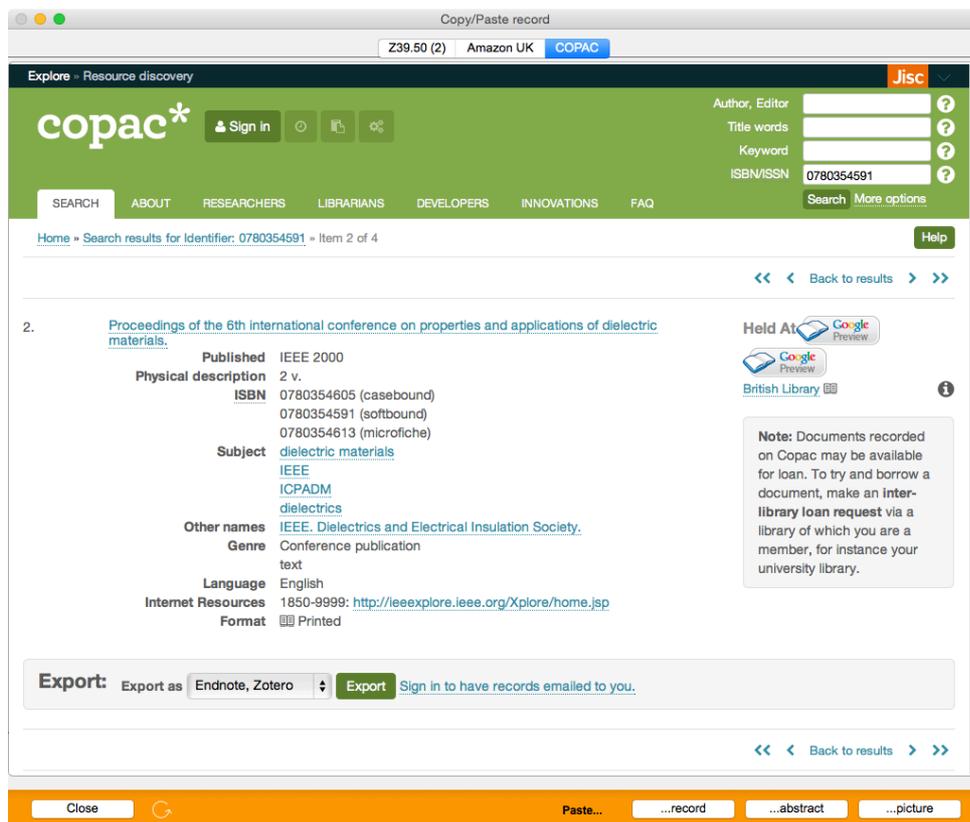
1.2.1 Use of z39.50 and SRU/SRW protocols

All found titles records are grouped in a single tab called **z39.50**. They are sorted by catalogue. Click on the triangles in order to display the whole records. You can compare several records by unfolding several records simultaneously.

The screenshot shows a window titled 'Copy/Paste record' with tabs for 'Z39.50 (2)', 'Amazon UK', and 'COPAC'. The main content area displays a query result for '1. Proceedings of the 6th International Conference on Properties and Applications of Dielectric Materials (6 (2000) Xi'an)'. The record is shown in a table format with fields such as Authors, Secondary entries, Title, Edition, Special zone, Imprint, Collation, Detailed Series, Notes zone, ISBN-ISSN, Abstract, and Hyperlinks. The record is grouped under 'GBV (Deutschland)'. Below the main record, there is a section for 'Swissbib (CH)' with a similar record. At the bottom, there is a 'Remarks' section with a message: 'Library of Congress (USA): 10004 Connection lost'. The interface includes a 'Close' button and a 'Paste...' button, along with buttons for '...record', '...abstract', and '...picture'.

1.2.2 Simulation of a web browser

If you query several search engines at the same time, each engine displays a result in its own tab.



1.3 Downloading the bibliographical data

Depending on the method used for querying the catalogue, the download of records is done in different ways.

1.3.1 Use of z39.50 and SRU/SRW protocols

Click on the title of the record in order to highlight the whole record. Then click on the **[Paste...].... record** button. The data are distributed into several fields as the **Bibliographic description** page of the cataloguing template.

It could happen that you select a record from a catalogue, but you prefer a particular field from another record. In this case, download the whole record, then do a right click on the field of the second record and choose the **Paste the field** command. The contents of this field will replace the field downloaded earlier.

Once you have downloaded the data, you can edit or complement them as if you had entered them manually.

1.3.2 Simulation of a web browser

Select the record text (from the first field up to the last one including the field labels) with the mouse and click on the **[Paste...].... record** button. The data are distributed into several fields as the **Bibliographic description** page of the cataloguing template.

Please note that for some web sites (usually online bookshops), the data presentation does not allow for a download of title records. In this case, the **[Paste...].... record** button is not active.

Once you have downloaded the data, you can edit or complement them as if you had entered them manually.

1.4 Downloading the abstract

In order to download the abstract (usually found in the catalogue of online bookstores), select the text with the mouse, then click on the **[Paste...]...abstract** button. The text is automatically downloaded into the ABSTRACT field located at the **Analyse** page in the cataloguing template.

1.5 Downloading the cover picture

You download the cover picture (usually found in the catalogue of online bookstores) by making a right click* on the cover picture and by selecting the **Copy picture** command in the contextual menu, then by clicking on the **[Paste...]...picture** button. The picture is automatically downloaded into the COVER PICTURE field at the **Cover page** page in the cataloguing template.

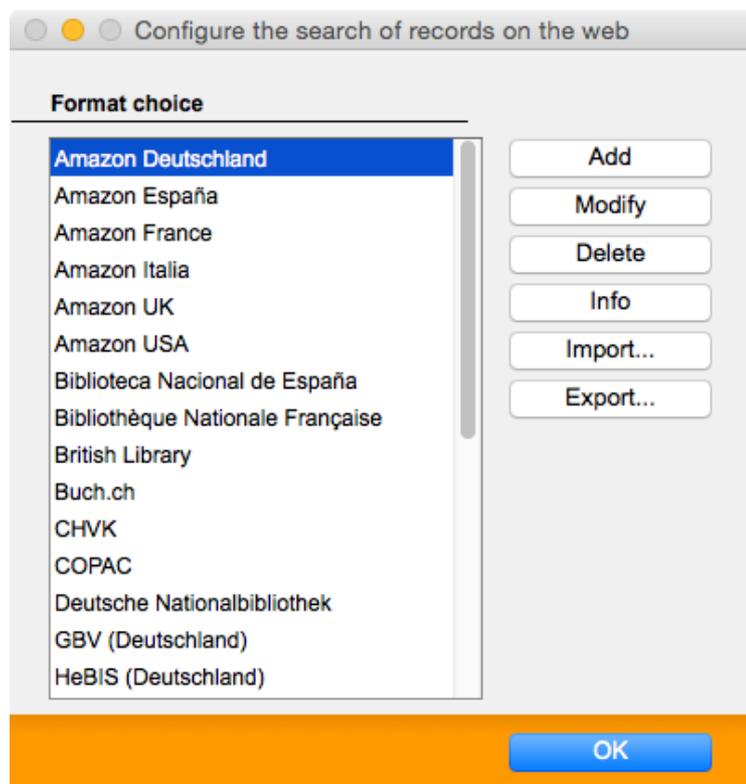
*on the Macintosh, if your mouse has not been configured to support the right click, press the Control (ctrl) key when clicking on the picture. You can set up your mouse buttons in the System Preferences.

2. Customizing the search of records on the web

BiblioMaker is delivered with more than twenty formats containing the query syntax for online catalogues and conversion rules for data used when downloading records.

If you want to query and download data from further sources, you can create your own format with an integrated editor.

The dialog box for customizing the search of records on the web may be displayed either by clicking on the button **Configure queries...** in the dialog box for choosing a document type to catalogue, or with the **Other>Configure the search of records on the web** command in the Maintenance.



This dialog box contains a list of search engines and the following buttons :

Add : adds a new search engine.

Modify : modifies the parameters for the selected search engine.

Delete : delete the parameters of the selected search engine.

Info : displays information about the selected search engine.

Import : imports parameters of a search engine saved in a text file.

Export : exports to a text file the parameters of the selected search engine.

BiblioMaker needs several parameters in order to be able to query a search engine :

- Search engine query syntax
- Available fields in the remote catalogue

These different parameters are grouped in a format that can be modified. An editor is displayed when one clicks on the **Add** or **Modify** buttons in the above dialog box.

2.1 Creating a format for downloading records

Creating a format for searching or downloading title records is a complex task. This document gives only an overview of this process. You will find further explanation in the BiblioMaker handbook.

The format editor contains four or five tabs : the first four tabs describe the record structure to be downloaded to BiblioMaker

If the query simulates a web browser, the fifth tab contains the query syntax. Please note that a format could contain only the query syntax. This is the case for instance with online bookshops that can be queried, but their data cannot be downloaded.

2.1.1 Query syntax for an online catalogue

Creating a query syntax (with the parameters for a z39.50/SRU/SRW server or as a URL) is quite complex.

z39.50/SRU/SRW servers usually publish their parameters on a website. You will find these parameters by searching with the following keywords on Google or Bing : *target profile z39.50 SRU* followed by the catalogue name. After you have found them, enter them on the **General** tab in the Format editor.

For servers queried by a web browser, you define the catalogue's query syntax under the **Query syntax** tab of the Format editor.

Usually, you query a catalogue with your web browser and you observe the browser's address bar where the query can be displayed. Then, you must copy and analyse the query and replace the entered ISBN by the <ISBN> or <EAN> code. So, BiblioMaker will substitute this code with the searched ISBN when querying the catalogue.

2.1.2 Conversion rules for bibliographic data

You setup the conversion rules on the first four pages of the Format editor :

General Tab :	title and general description of how data are displayed. Query parameters to use for z39.50/SRU/SRW servers
Fields Tab :	complete list of fields the catalogue displays
Fields mapping Tab :	Mapping between the catalogue and the BiblioMaker fields
Characters Tab :	Mapping for characters

Please note that downloading records is only possible if the fields are identified with a tag. The software can «understand» the fields only if there is a tag in front of them.

We stay at your disposal and create on demand a format for querying an online catalog. Please do not hesitate to contact us.