IMDI Browser

Manual

The latest version can be found at:

http://tla.mpi.nl/tools/tla-tools/imdi_browser/

This manual was last updated on 2012-10-10

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Introduction

This guide is an introduction to the IMDI Browser (web version). This browser is a tool to view the structure of the archive, search and read the metadata. Users with access rights may further search the annotations and download resources.

There is also a stand-alone version of the IMDI browser, which you can use to view and search archives stored on a local PC or laptop drive. The basic principles of the stand-alone version are the same as for the IMDI web browser, maybe with some slight differences. Here we will only discuss the functionalities of the web browser.

Chapter 1. Navigating the IMDI Browser web version

The IMDI web browser is part of the Language Archiving Technology suite. You will find a link to the browser on the LAT web page http://www.lat-mpi.eu/tools/browser/ (see Figure 1.1). The IMDI web browser can also be accessed directly at http://corpus1.mpi.nl.
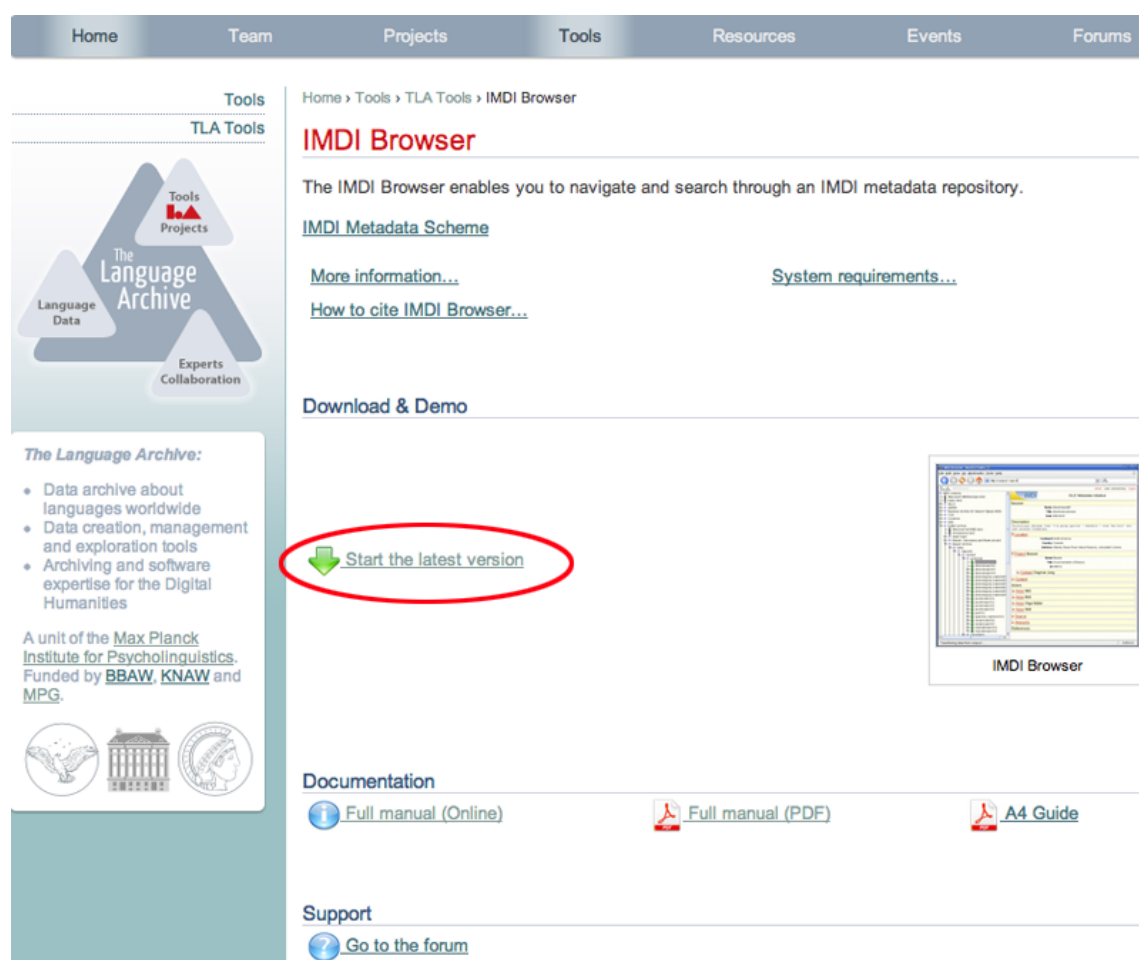

Figure 1.1. LAT page: Link to IMDI web Browser (A)

Since the IMDI web browser is an online tool, it does not need to be installed, but you will need Java installed on your machine for it to run. For more information on Java and how to install it http://java.com/en/.

Figure 1.2 shows the main page view of the IMDI web browser; the layout of the browser is divided into the Browse Panel and the Content Panel. The Browse Panel gives an overview of the archive in a tree structure. The Content Panel represents the content of the node that you have active in the tree.
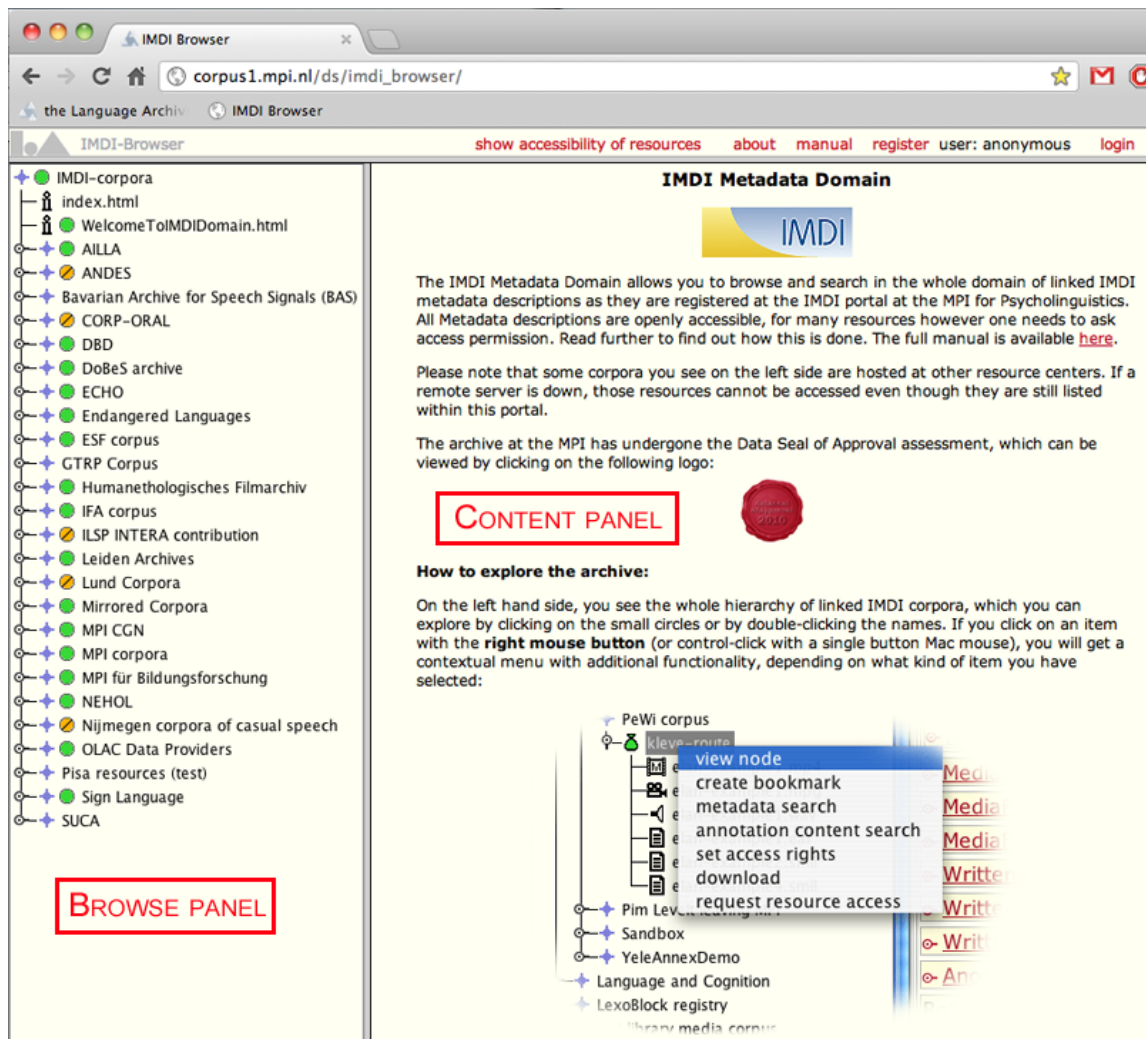
Figure 1.2. IMDI Browser main view

1.1. The Browse Panel

In the browse panel the archive is represented in a tree structure, which can be unfolded to browse through the archive (Figure 1.3). In the tree structure different icons are used. The meaning of each icon is specified below:
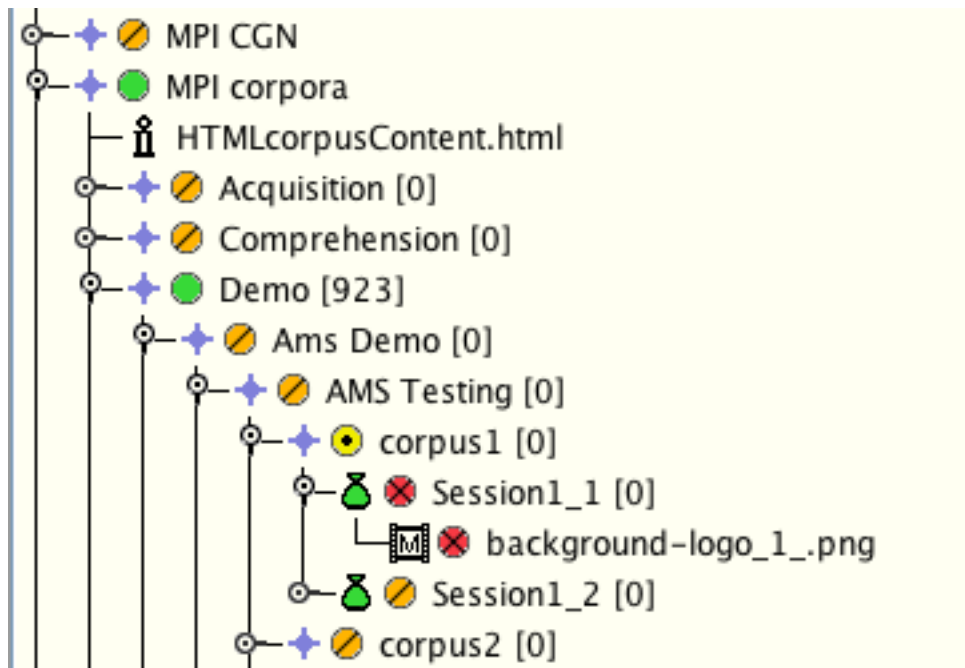
Figure 1.3. Browse Panel detail

⊙–	Switch (closed): A switch represents a Corpus node or a Session node that has child elements. When the switch is in the closed position you are unable to view the child elements of the associated node
⊙	Switch (open): In the open position the child elements of the node are visible
✦	Corpus node
⌁	Session node: The session node represents the IMDI metadata file. The IMDI file is the main body of the session that the resource files link to.
●	Access indicator: The green access indicator represents data that can be freely accessed without logging in.
⊙	Access indicator: The yellow access indicator represents data that can be freely accessed when logged in.
⊘	Access indicator: The amber access indicator represents data for which registered users can request resource access.
⊗	Access indicator: The red access indicator represents data for which access is restricted.
Ⓜ	Media resource File - Video (mpeg4)
🎥	Media resource File - Video (mpeg1 & 2)
◁	Media resource File - Audio (wav)
🖼	Media resource File - Image (jpeg)
🗎	Written resource File (eaf, tbt, txt)
î	Information file

Chapter 2. Menu

All functionalities of the IMDI web browser are selected from right click menus[1]. The menu under the right mouse click is context dependent, meaning that you will get a different menu under a corpus node, a session node or a resource node. Figure 2.1 gives a view of the right click menu under a session node. In the view, the option view node is selected. This gives a full view of the content of the IMDI metadata file in the Content Panel.

The menu options are:

• Annotation Content Search

• Create Bookmark

• Download

• Metadata Search

• Request Resource Access

• Set Access Rights

• Version Info

• View Images

• View Node

To write this guide the browser was operated using the Microsoft Windows XP Professional operating system. If you do not use this operating system then you need to use whatever the right click equivalent of your operating system is.
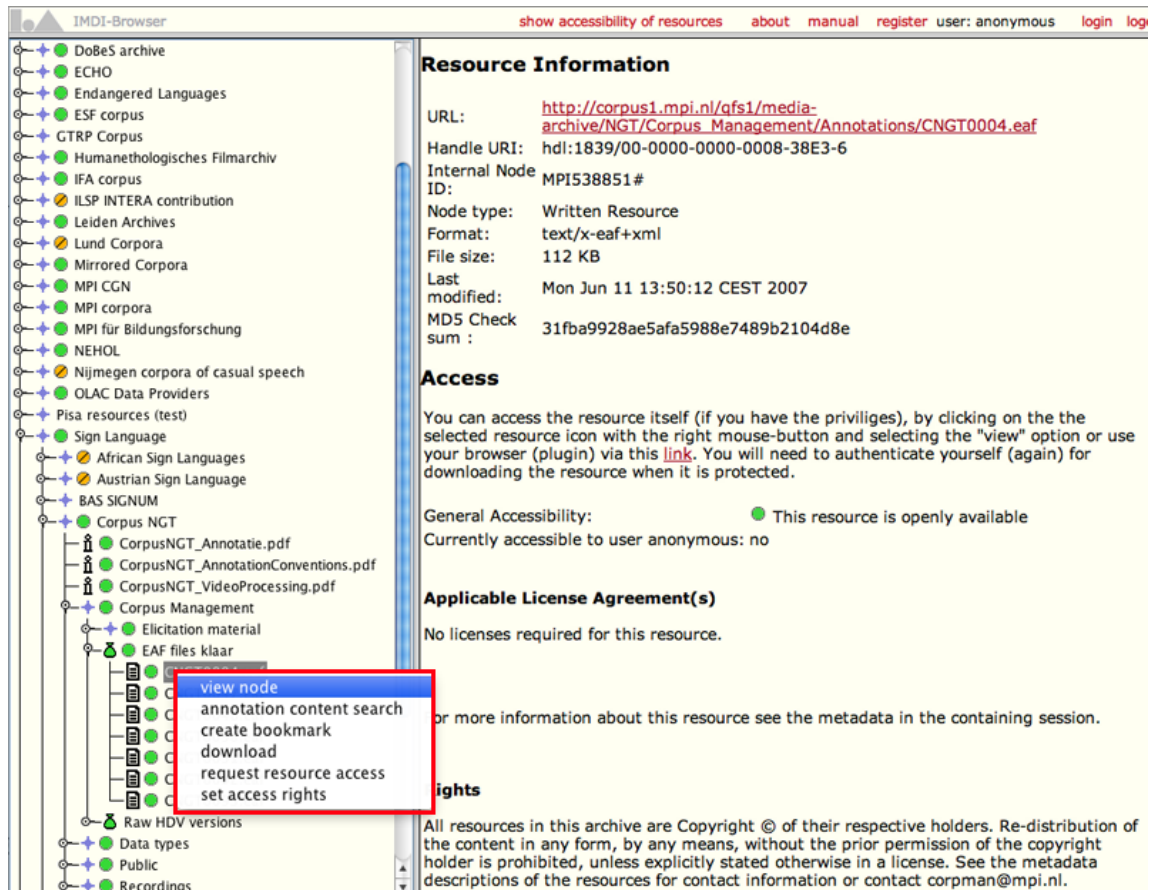

Figure 2.1. Right click option under session node

2.1. Annotation Content Search

With Annotation Content Search, you may search in the content of the written resource files. Remember that resource files are generally not open for anonymous users. You may only search those files for which you have access rights. Your right of access is indicated by the coloured access indicators. When you choose this option from the menu the content search engine (TROVA) will display the number of resources that will be searched (Figure 2.2). You need to log in to search through all files available to you.

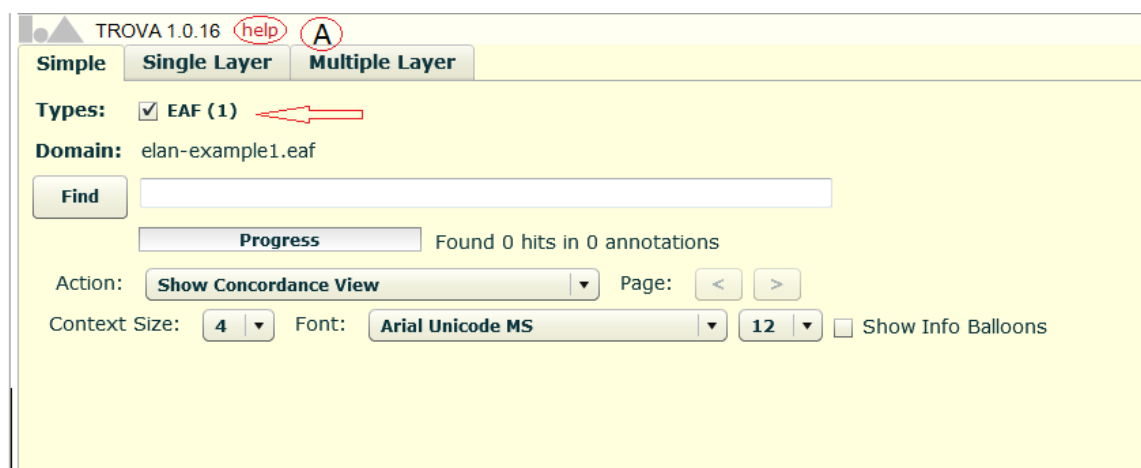A manual and help page for TROVA already exists. Select the online help option (A) to open the manual.

Figure 2.2. Annotation Content Search

2.2. Create Bookmark

Creating a bookmark in the browser is the same as it is in your web browser. You may bookmark the location of individual resources or of corpus or session nodes. When you need to bookmark a point in the corpus, you right click and select Create Bookmark (Figure 2.3 A).
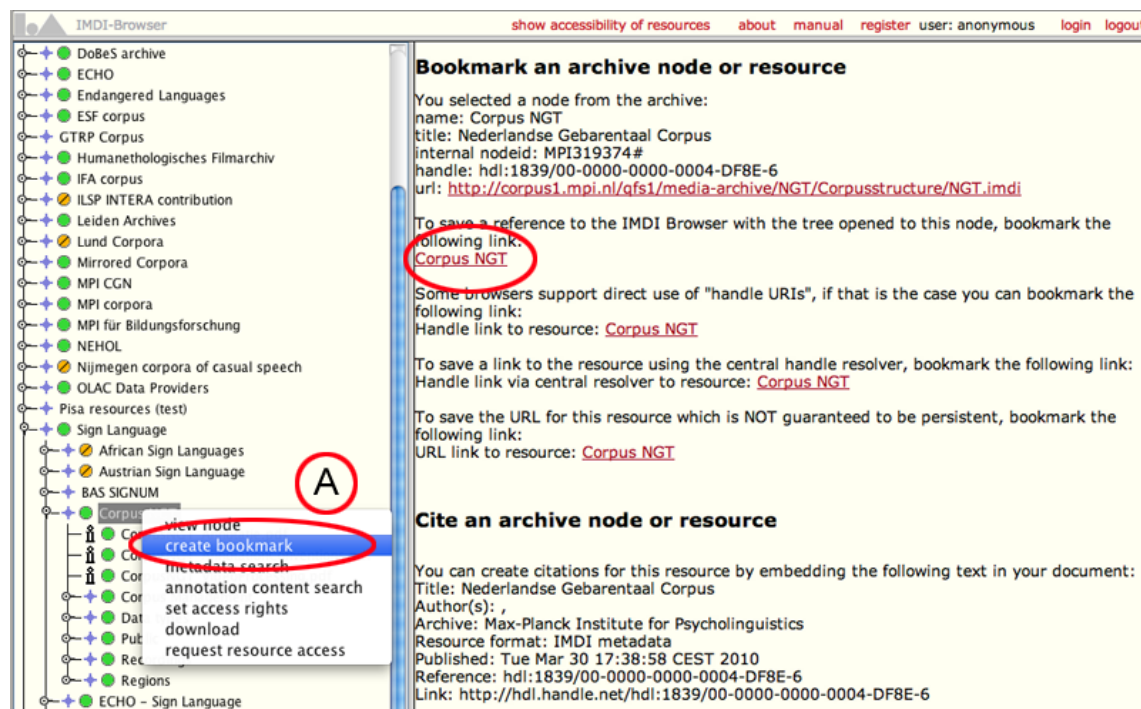

Figure 2.3. Creating a bookmark

Only one of the given options is relevant for you now, the top one indicated with B in Figure 2.3. Click the link under 'To save a reference to the IMDI browser with the tree opened to this node…'. In the address field of the browser a persistent url location to the resource will be displayed. Now add the url to your favorites or bookmarks in the browser menu.

2.3. Download

The Download option allows you to save a copy of the file to a selected location. All metadata in the corpus is open source, so you can download all IMDI files. Resource files on the other hand are password protected, so you will not be able download any resources unless you have access rights to the resource.

2.4. Metadata Search

Metadata Search is an option that allows you to search through all the IMDI files from a selected node down. When you first open the Metadata Search, there are two search options: Keyword Search and **Advanced Search**. There is also a count of how many sessions there are from the selected node down.

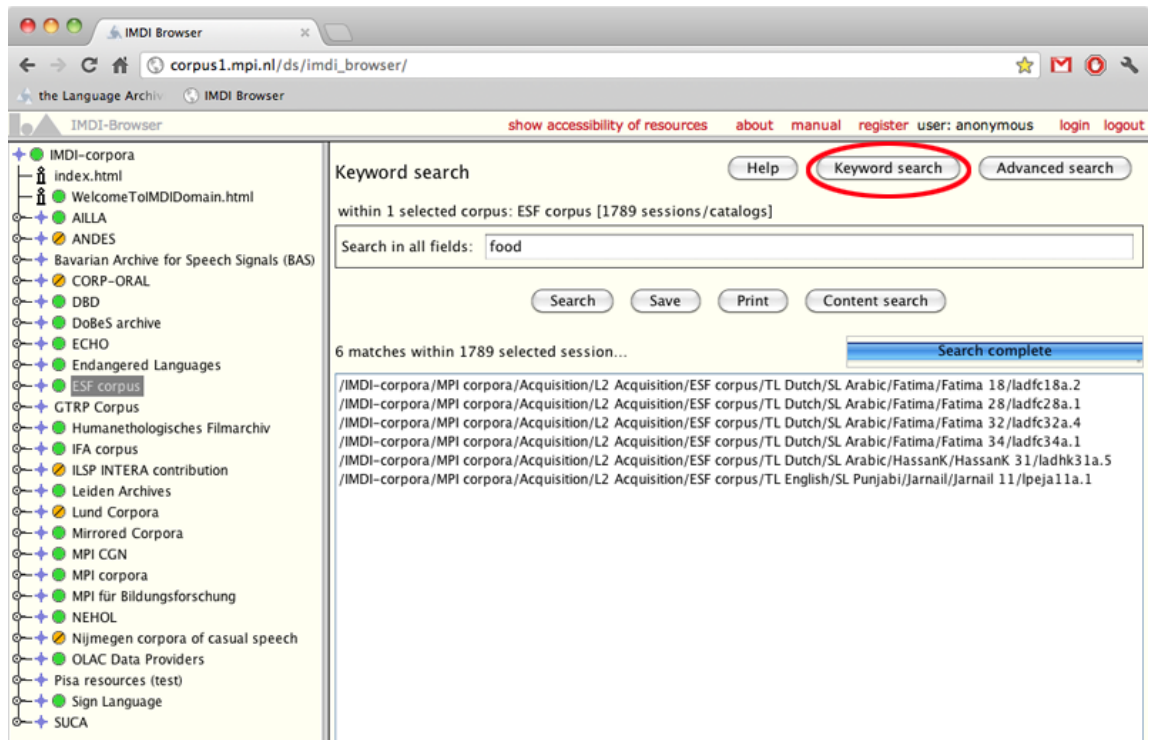| **Keyword Search:**	This search is if you are not sure of the content of the corpus and just want to make generic wide searches on specific words, from the highlighted node down (Figure 2.4)

Figure 2.4. Metadata Search – Keyword Search

In Figure 2.4, the Chontal Corpus Node is selected as the top node for a keyword search. The keyword 'food' is entered into the search field. The search results in four hits on session files in the corpus. These are sessions with the word 'food' somewhere within the metadata.

AdvancedSearch: In Advanced Search, the structure of the metadata file is the basis for the search. Figure 2.5 shows the most basic option of Advanced Search: it shows two dropdown selections (A) and a free-text field (B). This search is on session name only; any text you enter into the free-text field will only search the session name field of your selected section of the corpus.
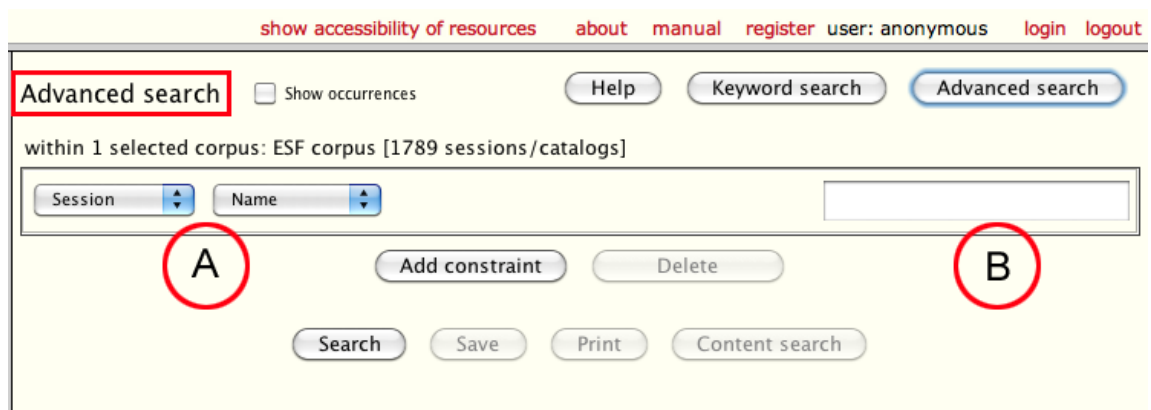

Figure 2.5. Metadata Search - Advanced Search 01

The second drop down list offers: Names, Title, Date, Location, Project, Keys, Content, Actor, Resources and References. Choosing one of these will extend the search option following the structure of the metadata file.

Figure 2.6 shows a two-constraint search (constraints are like filters that you apply to your search. The option "Add constraint" allows you to choose the number and type of constraints you need.): the first constraint searching on Location, Country, Mexico, and the second on Resources, MediaFile, Format, video/x-mpeg1. Run from the Dobes node, this search locates 79 results from a total 176 potentials.

Figure 2.6. Metadata Search - Advanced Search 02

The (X) drop down is an option available only for "Actor" and "Resources" > "Media File" (drop down list after "Session"), which present more than one feature. For example, if you add a third constraint that has again an (X) drop down, you can choose: either letter (X), if you want to search for another feature of the same, for instance, actor; or another available letter, if, by contrast, you want to search for some feature belonging to a different entity.

Search results:

No matter which type of search you use (keyword or advanced) your search results will be displayed as a list of imdi metadata files (Figure 2.6).

Right clicking one of the results allows to:

1. Show Session with Tree opens a new browser window with the selected IMDI file highlighted in the tree

2. Show Session opens a new browser window with the content of the IMDI file

3. Content search redirects you to the window **Annotation Content Search** (see 2.1)

2.5. Request Resource Access

Request resource access allows you to request access to an individual resource file or to all resource files linked to a session or a corpus. The amber access indicator represents sources for which acccess must be requested. When you select this option, a form will appear where you need to fill in personal information and specify the purpose of the use of the resource. When submitted, the form is sent to the MPI corpus managers for processing. You will be informed by e-mail whether and when access rights have been granted.

2.6. Set Access Rights

Set Access Rights is a link to AMS (Access Management System). This application is for Domain Managers to manage who has access to your resource files. When you select Set Access Rights, you will immediately be prompted to log in.

Download the full AMS manual in PDF format from http://www.mpi.nl/corpus/manuals/manual-ams.pdf

2.7. Version Info

Version Info is a new option that keeps a record of any IMDI or resource files that have been replaced or overwritten. When choosing this option, in the content panel you will be shown a table with all the just mentioned files.

2.8. View Images

The View Images option is a little more than an image viewer; indeed, it will also show any metadata associated with the image as well. When you select View Images on a Session Node that contains images you will be prompted for your username and password, once approved the image browser will open in a new tab (see Figure 2.7).

Figure 2.7. The Image Browser in thumbnail view

The Image Browser opens in a Thumbnail view, with a minimal metadata description for each image. To see all the metadata associated with an image double click to open it and convert it to Slideshow view.

2.9. View Node

Selecting View node on a corpus or session node will display the content of the metadata file in the Content Panel. Selecting View node on a resources node will display the content of the resource file, provided that you have access rights to the resource.

Video and audio files will play in the Content Panel, where for as ELAN files the ANNEX viewer will start and display the content of the ELAN file with the associated media files. Other text resources will simply be displayed as text.