

Task 6 Search For Authors

Return to the HoTOIL home page. This time enter a name, such as **Kelly Brian** (surnames should be given first). Then select the author field, as shown in Figure 7.

Click on the **Search** button. Pages authored by the name you entered should be displayed, as shown in Figure 8.



Figure 7 Searching For Authors

Discussion

HotMeta provides *fielded* searches using Dublin Core metadata. This makes it possible to search using fields such as Title, Creator, Type, etc.

HotOIL uses heuristic techniques to *guess* fields such as the author.

Which do you think such provide the most accurate results?

Why would the technique which produces the less accurate results be needed?

How do you think use of these techniques will compare with search engines such as AltaVista?



Figure 8 Results

Further Information

HotMeta and HotOIL have been developed by the Resource Discovery Unit (RDU) of the DSTC. For further information about DSTC see <URL: <http://www.dstc.edu.au/>>.

A list of RDU projects is available at <URL: <http://www.dstc.edu.au/RDU/>>.



Using The HotMeta and HotOIL Search Engines

Introduction

This document describes use of the HotMeta and HotOIL search engines. The document has been produced for use by participants on the Metadata and Web Tools sessions at the **Institutional Web Management** workshop held at Newcastle University on 15-17 September 1998.

Aims of This Exercise

These exercises describe use of the HotMeta and HotOIL search engines in order to gain experience of a search engine which makes use of metadata, such as Dublin Core metadata.

Using HotMeta

Task 1 Getting Started

In your web browser enter the address <URL: <http://www.dstc.edu.au/RDU/HotMeta/qlid/>>.

The web page shown in Figure 1 will be displayed.

Note that HotMeta is hosted in Australia. Access to HotMeta may be slow at times.



Figure 1 HotMeta

Task 2 Searching

Enter a search term such as **Sun** in the search box and then click on the **Search** button.

The results of the search will be displayed shown in Figure 2.

At the time of writing the service was unavailable

Figure 2 Searching Using HotMeta

Task 3 Refining the Search

Click on **Advanced Search** button from the main HotMeta page. The screen shown in Figure 3 will be displayed.

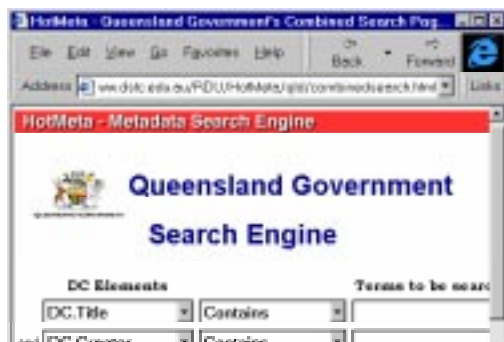


Figure 3 The Advanced Search Page

Enter a title such as **Sun** in the **DC.Title** box and run the search. The results shown in Figure 4 will be displayed.

Compare the results of the initial search with the results of the search for titles containing the search term.

Task 4 Further Work

Continue exploring the options provided by HotMeta.

At the time of writing the service was unavailable

Figure 4 Creating DC Metadata Using Reggie

Using HotOIL

Task 5 Getting Started

In your web browser enter the address <URL: <http://purl.org/dstc/hotoil-uk>>.

Note: This is a PURL which resolves to the address <URL: <http://popeye.crxnet.com/cgi-bin/hotoil/class/hotoil>>. You may find the resolution is slow as the resolution service is based in the US.

If you have problems you should try the Australian version which is available at <URL: <http://purl.org/dstc/hotoil>>.

This resolves to the address <URL: <http://flare.dstc.edu.au/cgi-bin/hotoil2/class/hotoil>>

Enter a search term such as **UKOLN** in the **Find** box and select the information clusters you wish to search, such as **British Library Server** and **General Web Search Engines**, as shown in Figure 5.

Click on the **Search** button. The results of your search will be displayed, as shown in Figure 6.

Scroll down the search results and notice where the hits were obtained from.

Task 6 Refining the Search

Scroll to the bottom of the page and refine your search using the options displayed there.

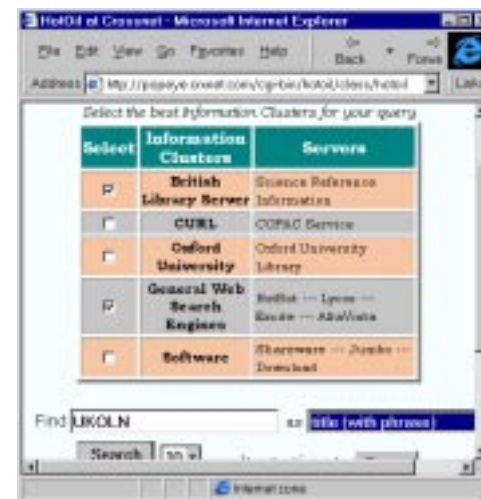


Figure 5 Searching Using HotOIL

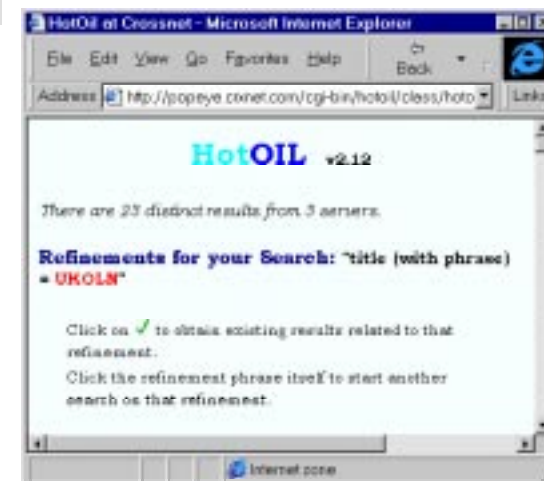


Figure 6 Results of a Search Using HotOIL