

Search Interoperability Testing Tables

Abstract

Compare the number of hits, metadata fields displayed, diacritics and search results with diacritics in the query in The European Library portal to the database/collection's native search interface (e.g. local online catalogue).

The test-interface is The European Library portal:
<http://www.theeuropeanlibrary.org/portal/index.html>.

Test Plan

For all test the following applies for every testing partner:

- For best test results, tests should be run on all collections searchable via The European Library portal.
- **Index field tests** (*use Index field tables*):
 - For each collection find records via a keyword search in the local/native interface (e.g. the local online catalogue). Note down the settings used and the results obtained. Note any additional observations you make.
 - Repeat the same search on the same collection in The European Library portal. Note down the settings used and the results obtained. Note any additional observations you make.
- **Boolean operator tests** (*use Boolean operator tables*):
 - For each collection find records via a keyword search using Boolean operators in the local/native interface (e.g. the local online catalogue). Note down the settings used and the results obtained. Note any additional observations you make.
 - Repeat the same search on the same collection in The European Library portal. Note down the settings used and the results obtained. Note any additional observations you make.
- **Metadata test** (*use Metadata tables*):
 - For each collection choose records with rich metadata that are typical for that collection. Compare the contents of native records to those of the portal. Is any information lost? Note down any differences in terms of fields that are missing, labels that are not clear anymore and functionality that is lost.
- **Diacritic tests** (*use Diacritics tables*):
 - If records contain diacritics compare the display of diacritic characters in the native record to the display of diacritics in the portal. Were diacritics displayed correctly? Note down any observations you make.
 - If the search term(s) contain diacritics compare the results obtained in the native interface to the results obtained in the portal. Note down any observations you make.

In the The European Library portal go to “advanced search” to select search indexes (Any, Title, Creator (Author), Subject, Type, Language, ISBN, ISSN) for running searches for the Index field test.

Name of institution:	
Name of person(s) performing test:	
Date(s) of testing:	
*Name of collection/database tested:	
*Browser type/version nr. in which tests are run:	
*Internet Connection speed:	
URL of native interface (if available otherwise note "internal"):	
Access protocol within portal (Z39.50 Gateway (local or central), SRU direct, SRU central index) used to access collection:	

*** Please use one copy of this document per collection tested.**

Index field Tables

*Please use the "comments" field to indicate response times. This can be done by mentioning: good, average or poor, or you can be more specific with actual timings.

This test checks the functioning of an index field search.

Index field search: Any (in portal choose "Any field" from drop down list)	
Portal index used:	Any
Mapped to native index:	
Search with a single search term	Comments:
Single search term:	
Nr. of hits portal:	
Nr. of hits native interface:	
Search with multiple search terms	Comments:
Multiple search terms:	
Nr. of hits portal:	
Nr. of hits native interface:	

Index field search: Title	
Portal index used:	Title
Mapped to native index:	
Search with a single search term	Comments:
Single search term:	
Nr. of hits portal:	
Nr. of hits native interface:	
Search with multiple search terms	Comments:
Multiple search terms:	
Nr. of hits portal:	
Nr. of hits native interface:	

Index field search: Creator (in portal choose "Author" from drop down list)	
Portal index used:	Creator
Mapped to native index:	
Search with a single search term	Comments:
Single search term:	
Nr. of hits portal:	
Nr. of hits native interface:	
Search with multiple search terms	Comments:
Multiple search terms:	
Nr. of hits portal:	
Nr. of hits native interface:	

Index field search: Subject	
Portal index used:	Subject
Mapped to native index:	
Search with a single search term	Comments:
Single search term:	
Nr. of hits portal:	
Nr. of hits native interface:	
Search with multiple search terms	Comments:
Multiple search terms:	
Nr. of hits portal:	
Nr. of hits native interface:	

Index field search: Type		
Portal index used:	Type	
Mapped to native index:		
Search with a single search term		Comments:
Single search term:		
Nr. of hits portal:		
Nr. of hits native interface:		
Search with multiple search terms		Comments:
Multiple search terms:		
Nr. of hits portal:		
Nr. of hits native interface:		

Index field search: Language		
Portal index used:	Language	
Mapped to native index:		
Search with a single search term		Comments:
Single search term:		
Nr. of hits portal:		
Nr. of hits native interface:		
Search with multiple search terms		Comments:
Multiple search terms:		
Nr. of hits portal:		
Nr. of hits native interface:		

Index field search: ISBN		
Portal index used:	ISBN	
Mapped to native index:		
Search with a single search term		Comments:
Single search term:		
Nr. of hits portal:		
Nr. of hits native interface:		
Search with multiple search terms		Comments:
Multiple search terms:	<i>Not applicable</i>	
Nr. of hits portal:	<i>Not applicable</i>	
Nr. of hits native interface:	<i>Not applicable</i>	

Index field search: ISSN		
Portal index used:	ISSN	
Mapped to native index:		
Search with a single search term		Comments:
Single search term:		
Nr. of hits portal:		
Nr. of hits native interface:		
Search with multiple search terms		Comments:
Multiple search terms:	<i>Not applicable</i>	
Nr. of hits portal:	<i>Not applicable</i>	
Nr. of hits native interface:	<i>Not applicable</i>	

Boolean Operator Tables – same search index field

*Please use the “comments” field to indicate response times. This can be done by mentioning: good, average or poor, or you can be more specific with actual timings.

This test checks the functioning of the Boolean operators *and*, *or*, and *not*. These operators can be used in the scope of one search index field (creator, title, etc.).

	Title	▼	Paradise	
and	▼	Title	▼	Lost
and	▼	Author	▼	
and	▼	Subject	▼	

In the portal, when using the “Any field” index, the query will be displayed without the index. For example, choosing “**Any field** Einstein *and* “**Any field** physics on the advanced search page, will result in a query that looks **Einstein *and* physics**.

Boolean operator “or” single index field → A or B	
Search index field used:	
Boolean used:	or
Term A:	
Term B:	
Search results:	Comments:
Nr. of hits portal:	
Nr. of hits native interface:	

Boolean operator “and” single index field → A and B	
Search index field used:	
Boolean used:	and
Term A:	
Term B:	
Search results:	Comments:
Nr. of hits portal:	
Nr. of hits native interface:	

Boolean operator “and not” single index field → A not B	
Search index field used:	
Boolean used:	not
Term A:	
Term B:	
Search results:	Comments:
Nr. of hits portal:	
Nr. of hits native interface:	

Boolean Operator Tables – different search index field

*Please use the “comments” field to indicate response times. This can be done by mentioning: good, average or poor, or you can be more specific with actual timings.

This test checks the functioning of the Boolean operators *and*, *or*, and *not*. Operators can be used across different index fields (e.g. creator all “Goethe” *and* title all “Faust”).

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In the portal, when using the “Any field” index, the query will be displayed without the index. For example, choosing “Any field” Einstein *and* “Subject” physics on the advanced search page, will result in a query that looks Einstein *and* subject all physics.

Note: copy and paste more tables if necessary

Boolean operators and combined index field → index X A and index Y B → index X A or index Y B → index X A and not index Y B		
Search index field used:		
Term A:		
Search index field used:		
Term B:		
Boolean used:	and	Comments:
Nr. of hits portal:		
Nr. of hits native interface:		
Boolean used:	or	Comments:
Nr. of hits portal:		
Nr. of hits native interface:		
Boolean used:	not	Comments:
Nr. of hits portal:		
Nr. of hits native interface:		

Boolean operators and combined index field → index X A and index Y B → index X A or index Y B → index X A and not index Y B		
Search index field used:		
Term A:		
Search index field used:		
Term B:		
Boolean used:	and	Comments:
Nr. of hits portal:		
Nr. of hits native interface:		
Boolean used:	or	Comments:
Nr. of hits portal:		
Nr. of hits native interface:		
Boolean used:	not	Comments:
Nr. of hits portal:		
Nr. of hits native interface:		

Metadata Field Tables

For each collection choose records with rich metadata that are typical for that collection. Compare the contents of native records to those of the portal. Is any information lost? Note down any differences in terms of fields that are missing, labels that are not clear anymore and functionality that is lost.

Note: copy and paste more tables if necessary

Comparison of fields in native interface to portal		
Search term:		
Search index field used:		
viewed record nr. in portal:		
Other identifying element for record in portal(isbn, issn, title)		
Missing fields (local terms)		Comments + lost functionality:
Changed fields (local terms)	(portal terms)	Comments + changed meaning:

Diacritic Tables

***Please use the "comments" field to indicate response times. This can be done by mentioning: good, average or poor, or you can be more specific with actual timings.**

- If records contain diacritics compare the display of diacritic characters in the native record to the display of diacritics in the portal. Were diacritics displayed correctly? Note down any observations you make.
- If the search term(s) contain diacritics compare the results obtained in the native interface to the results obtained in the portal. Note down any observations you make.

Note: copy and paste more tables if necessary

Display:

Diacritic character DISPLAY – check if diacritics are displayed properly		
Search with a single search term		Comments:
search term:		
Search index field used(if any):		
Nr. of hits portal:		
Nr. of hits native interface:		
viewed record nr. in portal:		
Other identifying element for record in portal(isbn, issn, title)		
Did characters display properly?		

Search:

Diacritic character SEARCH – enter a search term containing a diacritic		
Search with a single search term		Comments:
search term:		
Search index field used(if any):		
Nr. of hits portal:		
Nr. of hits native interface:		