Ex Libris

How to set up ALEPH Version 16 X-Server to work with MetaLib Version 3

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In order to configure MetaLib to work with the Aleph X-server (to search and to retrieve results contained in an Aleph bibliographic database and to present these results in MetaLib's interface), confirm the following within the Aleph instance:

1. Aleph X-server license

With Aleph version 16, there is a separate license license.www_x (in addition to the regular license) located in the alephe/tab directory. Confirm that the license is present and has the following format/info:

❑ **Standard Aleph License**:

Confirm that that alephe/tab/license is present and valid in the Aleph V.16 installation (With Version 16.01, confirm that "MAX-WWW-X-USERS" line is included.)

❑ **Separate Aleph-X License**

Confirm that alephe/tab/license.www_x is present and valid in the Aleph V.16 installation.

❑ **Separate Aleph-X Service Table**

As of Aleph V.16.02, check for the presence of a separate table list of all available XML services. This table can be found in the following directory: alephe/tab/license.www_x.SERVICES.

2. Aleph X-server user

In Aleph version 16, a "WWW-X" user needs to be created with appropriate values/privileges granted.
The "WWW-X" user should have privileges authorized in local libraries depending upon the specific function or x-server service.

For example:

❑ The find service needs to be authorized in the BIB library being searched.

❑ A renew service needs to be authorized in the appropriate ADM library.

❑ General access check (i.e. WWW-X/MAIN) needs to be setup in the password (or pw) library. In v16.x this is typically USR00.

3. Test X-server services/functions

To test if the X-server is present and active, use a generic USM01 example with the following search syntax (which can be entered into a Web browser)

http://www.somedb.com:8991/X?op=find&base=usm01&request=sys=10

or

http://www.somedb.com:8991/X?op=explain   (This URL will confirm the list of available Aleph_x services.)

4. Example link-to syntaxes for link to record and to holdings

Link to Records in Native Interface =

http://www.somedb.edu/F?func=find-b&find_code=SYS&request=$0100&l_base=xxx01PUB

http://www.somedb.edu:80/F?func=find-a&find_code=sys&request=$001

Link to Holdings in Native Interface =

http://www.somedb.edu/F?func=item-global&doc_library=xxx01PUB&doc_number=$0100

5. Troubleshooting

The above test URL's (or the www_server_m log files) should provide explicit confirmation if and when the X-server user has not been created or if the license is not yet present and active.

If the above tests URL's do not provide confirmation/resolution, review the following x-server tables required for Aleph X-server set-up:

- ❑ ./alephe/tab/license.www_x
- ❑ ./alephe/tab/www_x_func
- ❑ ./alephe/tab/user_function.eng (www-x section)
- ❑ ./alephe/tab/server_ip_allowed
- ❑ ./alephe_error_eng/ (all www_x_* files)

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