



USER DOCUMENTATION (ALEPHINO 5.0)

Multi-base/Multi-server Setup

Table of contents

1 INTRODUCTION.....	3
2 SERVER SETUP.....	3
2.1 ETC/ALEPHINO.CFG.....	3
2.2 ETC/MARCDATA.INT.....	3
2.3 ETC/MARCFILE.EXT.....	4
2.4 ETC/MARCTEXT.<LNG>.....	4
2.5 ETC/ALIPAC.CFG.....	4
2.6 RESTART ALEPHINO SERVER.....	5
2.7 INITIALIZE DATABASE	5
3 GUI CLIENT SETUP.....	6
3.1 ALEPHCOM/TAB/LIBRARY.INI.....	7
3.2 FURTHER GUI FILES TO BE ADAPTED.....	8
3.3 LIBRARY MANAGER.....	9

1 Introduction

In our example the new database is called "test" and is located in the same directory (../pools) as the real database, the file name is "DDTEST". The four-digit symbolic name of the database and the path and the file name may be freely selected (points 1a and b). For the communication between server/client it is essential that the database has a symbolic name (one letter) for the applications (point 1c); the client uses this name to differentiate between the various databases!

2 Server setup

First, the system needs to know that there is a new database and where it's located.

2.1 etc/alephino.cfg

```
(Pools)
Name = Marc
Name = Test
```

← add line

```
(Marc)
Path = ../pools/DDMARC
SaveFile = ../pools/DDMARC.log
OpenMode = U
Description =
DaysLastSave = 3
```

```
(Test)
Path=../pools/DDTEST
SaveFile=../pools/DDTEST.log
OpenMode=U
Description=
DaysLastSave=3
```

← add complete section

2.2 etc/marcdata.int

For data structure definitions, the following information about the database must be supplied: a symbolic four-digit name, the address of the file definitions and the internal character set. Normally, the second database will have the same data structure definitions as the standard one.

```

*****
* DATABASE DEFINITIONS
*****
*
POOL=MARC, FILE=filtab, USERPERM=006, SETUP=007, PERIOD=025, USERTAB=008,
  PUBLISH=009, SHELF=010
POOL=TEST, FILE=filtab, USERPERM=006, SETUP=007, PERIOD=025, USERTAB=008,
PUBLISH=009, SHELF=010 ← add lines

```

2.3 etc/marcfile.ext

For the GUI and Web clients, the following information about the database must be supplied: a one-digit symbolic name, the symbolic four-digit name s. above, the address of the file definitions, the address of the name definitions, the address of the statistics definitions, the address of the report formats, the address of the general formats and the address of the script definitions. Normally, the second database will use the same definitions as the standard one.

```

*****
* Definition Databases
*****
(pooltab)
POOL=M, DEFIN=MARC, FILE=filtab, NAMI=names, COUNT=statcount,
  SCRIPT=scripttab
POOL=T, DEFIN=TEST, FILE=filtab, NAMI=names, COUNT=statcount,
SCRIPT=scripttab ← add lines

```

2.4 etc/marctext.<lng>

Here you choose a name for the database.

```

(Pools)
M = Real Library
T = Test Library ← add line

```

2.5 etc/alipac.cfg

If you want the additional database to be searchable via OPAC, you must add the one-digit symbolic name of the database to the OPAC configuration file.

In the section (Names<LNG>) the pool is assigned a name for the OPAC.

```

(NamesENG)
M-TIT = The Alephino library
Z-MRC = Remote library Z39.50

```

T-TIT = Library test
TIT = Title keyword
NAM = All names
SUB = All subjects
PER = Personal names
COR = Corporate names
MEE = Meeting names
...

← add line for each language

In the section (Libraries) it is to be added to the database selection.

(Libraries)
M-TIT = localhost:2069
T-TIT = localhost:2069

← add line

In case of multiserver:

In case that the database is not on the same server as the Alephino server, add here hostaddress and port of the other server!

T-TIT = <hostaddress>:<port>

2.6 Restart Alephino server

In order to activate the changes in the files the Alephino server has to be restarted.

2.7 Initialize database

RUN THIS FUNCTION ONLY IF THE NEW DATABASE THAT YOU WANT TO SET UP DOES NOT CONTAIN ANY DATA!

Web Service module → Administration:

- a)** Select database: choose the new database
- b)** Initialize database: make sure that you've chosen the correct one!

Initialize database

After confirming this job the current database:

T = Test

will be rebuilt. All data will be deleted by this action!



c) Load stopp words


In order to have so called stopp words, that's basically articles, pronomen, prepositions in various languages, considered for indexing, the stopp word file needs to be loaded into each newly created database.

For this simply confirm the predefined parameters as follows:

Load stop words

file number:

file to load:



3 GUI Client setup

To "distribute" the client modifications subsequently described to the individual work stations, the function version-check may be used:

- modify files in one client installation
- copy the modified file with the complete directory tree into the directory \version of the server installation (e.g. under the directory \version, create a subdirectory \Alephcom\Tab and then put the file Library.ini there)

- at each work station start the function via Start→Programs→AlephinoClients_50→Version-check (or a double-click on Alephcom\Bin\Version.exe) and either run it completely or partly (=mark the desired file).

3.1 alephcom/tab/library.ini

To introduce the new database to the clients, its masterfiles must be listed with their respective names, symbolic names and <host address>:<port> of the server. For this file alephcom/tab/library.ini is to be updated:

```

Titles                M-TIT localhost:2069
Authors              M-AUT localhost:2069
Subjects             M-SUB localhost:2069
Classifications      M-CLA localhost:2069
...
Test-Titles          T-TIT localhost:2069
Test-Authors        T-AUT localhost:2069
Test-Subjects       T-SUB localhost:2069
Test-Classifications T-CLA localhost:2069

```

Multiserver:

In case the server of this database is different make sure you change the host address and perhaps also the port number according to the server side settings (see Alephino server configuration)!

```
Test-Titles                T-TIT orion.ex1.local:2069  
Test-Authors             T-AUT orion.ex1.local:2069  
Test-Subjects           T-SUB orion.ex1.local:2069  
...
```

3.2 further GUI files to be adapted

For each module there is a file (see list below), where you define which of the defined databases should be used:

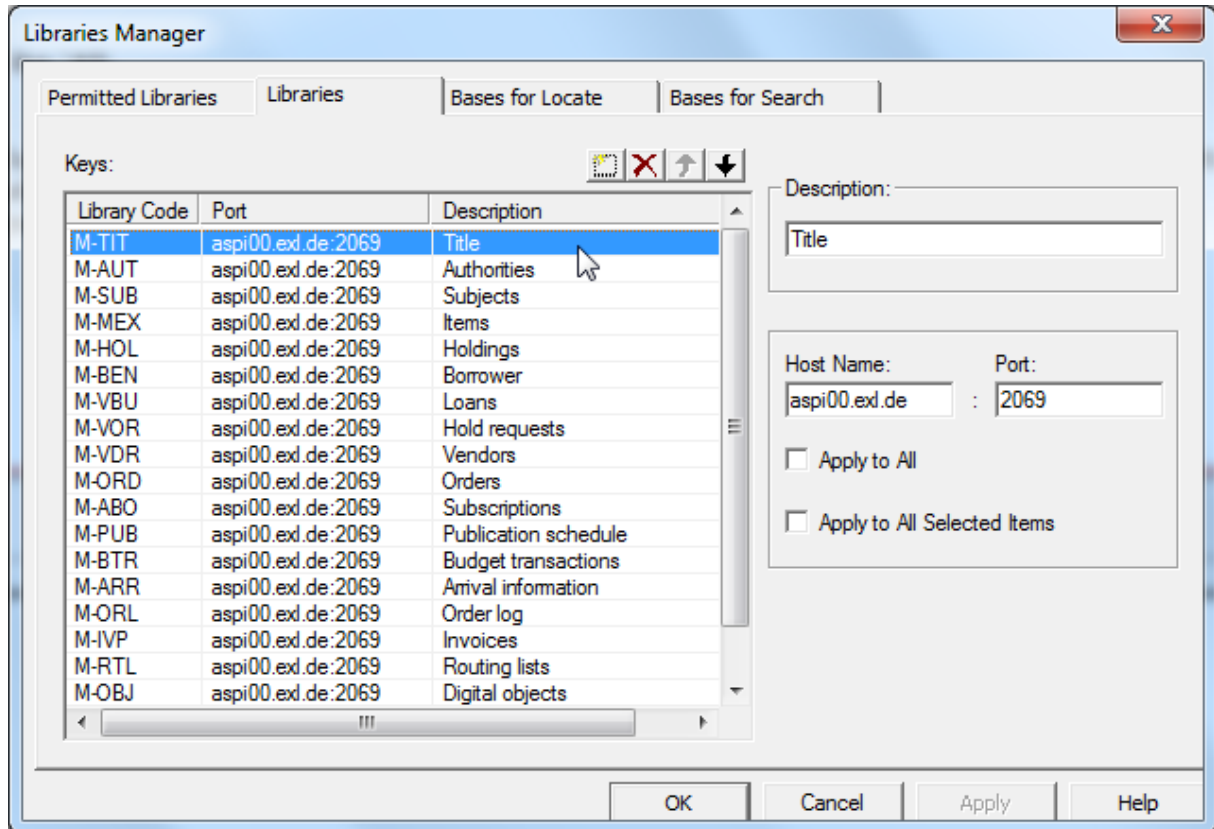
ALEPHCOM\TAB\SEARBASE.DAT	Search tab in all modules
ACQ\TAB\PER_LIB.INI	Serials/acquisitions
CATALOG\TAB\PER_LIB.INI	Cataloging/items
CIRC\TAB\PER_LIB.INI	Circulation

Please note that all the above files have a fixed column schema. To fill the gaps only spaces have to be used, no Tabulators allowed.

Best practice is to orient yourself in the files onto the existing entries, then duplicate and change them.

3.3 Library manager

You can make changes to client files using the client application itself, via the menu Alephino→Switch Application→Library manager. The following screen appears:



The client files mentioned above can be accessed a simple way via tabs in that screen. Tab “Libraries” refers to file “library.ini”, tab “Bases for Search” to file “searbase.dat”, tab “Permitted libraries” to file(s) “per_lib.ini” separately for each of the GUI modules.

After the changes the Alephino client must be restarted for this to take effect! Having pushed the “Apply”- button is not sufficient.