



USER DOCUMENTATION (ALEPHINO 4.0)

# Multipool/Multiserver Setup

---

# Table of contents

|                                   |                 |
|-----------------------------------|-----------------|
| <b><u>1 INTRODUCTION.....</u></b> | <b><u>3</u></b> |
| <b><u>2 SERVER SETUP.....</u></b> | <b><u>3</u></b> |
| 1.1 ../ETC/ALEPHINO.CFG.....      | 3               |
| 1.2 ../ETC/MARCDATA.INT.....      | 3               |
| 1.3 ../ETC/MARCFILE.EXT.....      | 4               |
| 1.4 ../ETC/MARCTEXT.<LNG>.....    | 4               |
| 1.5 ../ETC/ALIPAC.CFG.....        | 4               |
| 1.6 RESTART ALEPHINO SERVER.....  | 5               |
| 1.7 INITIALIZE DATABASE .....     | 5               |
| <b><u>3 CLIENT SETUP.....</u></b> | <b><u>6</u></b> |

## 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.

### 1.1 ../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

### 1.2 ../etc/marcddata.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
POOL=TEST, FILE=filtab, USERPERM=006, SETUP=007, PERIOD=025, ← add line
USERTAB=008
*
```

### 1.3 ../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, ← add lines
    SCRIPT=scripttab
*
```

### 1.4 ../etc/marctext.<lng>

Here you choose a name for the database.

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

### 1.5 ../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 = Z39.50-MARC
T-TIT = Library test ← add line for each language
TIT = Title keyword
NAM = All names
SUB = All subjects
PER = Personal names
COR = Corporate names
MEE = Meeting names
SPE = Subject/personal name
SCO = Subject/corporate name
SME = Subject/meeting name
TOP = Subject/topical term
GEO = Subject/geogr. term
PUB = Publisher
PLA = Publication place
YEA = Publication year
SRS = Series
ISN = ISBN/ISSN
```

In the section (Libraries) the pool is added to 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>

## 1.6 Restart Alephino server

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

## 1.7 Initialize database

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

### Web Service module / menu Administration:

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

### Initialize database

After confirming this job the current database:

T = Test

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

start 

- c) Load stop words

### 3 Client setup

To introduce the new database to the clients, the masterfiles must be listed with name of the file, symbolic name of the file and <host address>:<port> of the server.

To "distribute" the client modifications on 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 - Alephino\_0 - Version-check (or a double-click on Alephcom\Bin\Version.exe) and either run it completely or partly (=mark the desired file).

#### a) ..\ALEPHCOM\TAB\LIBRARY.INI

|                        |  |
|------------------------|--|
| Titles                 | M-TIT localhost:2069                           |
| Authors                | M-AUT localhost:2069                           |
| Subjects               | M-SUB localhost:2069                           |
| Classifications        | M-CLA localhost:2069                           |
| Thesaurus              | M-THS localhost:2069                           |
| Thesaurus/persons      | M-PER localhost:2069                           |
| Thesaurus/places       | M-ORT localhost:2069                           |
| Thesaurus/countries    | M-LND localhost:2069                           |
| Thesaurus/materials    | M-MAT localhost:2069                           |
| Thesaurus/time periods | M-ZTR localhost:2069                           |
| Holdings               | M-HOL localhost:2069                           |
| Items                  | M-MEX localhost:2069                           |
| Orders                 | M-ORD localhost:2069                           |
| Vendors                | M-VDR localhost:2069                           |
| Vendor addresses       | M-VAD localhost:2069                           |
| Budgets                | M-BUD localhost:2069                           |
| Budget transactions    | M-BTR localhost:2069                           |
| Arrivals               | M-ARR localhost:2069                           |
| Order log              | M-ORL localhost:2069                           |
| Currencies             | M-CUR localhost:2069                           |
| Currency ratio         | M-RAT localhost:2069                           |
| Invoice header         | M-IVH localhost:2069                           |
| Invoice positions      | M-IVP localhost:2069                           |
| Subscriptions          | M-ABO localhost:2069                           |
| Publication manner     | M-PUB localhost:2069                           |
| Issues                 | M-ISS localhost:2069                           |
| Routing lists          | M-RTL localhost:2069                           |
| Routing list members   | M-RTM localhost:2069                           |
| Routing list protocol  | M-RTT localhost:2069                           |
| Claims                 | M-CLM localhost:2069                           |
| Loans                  | M-VBU localhost:2069                           |
| Hold requests          | M-VOR localhost:2069                           |
| User                   | M-BEN localhost:2069                           |
| User addresses         | M-ADR localhost:2069                           |
| User permissions       | M-PRM localhost:2069                           |
| <b>Test-Titles</b>     | <b>T-TIT localhost:2069 &lt;&lt; add lines</b> |
| <b>Test-Authors</b>    | <b>T-AUT localhost:2069</b>                    |

|                             |                      |
|-----------------------------|----------------------|
| Test-Subjects               | T-SUB localhost:2069 |
| Test-Classifications        | T-CLA localhost:2069 |
| Test-Thesaurus              | T-THS localhost:2069 |
| Test-Thesaurus/persons      | T-PER localhost:2069 |
| Test-Thesaurus/places       | T-ORT localhost:2069 |
| Test-Thesaurus/countries    | T-LND localhost:2069 |
| Test-Thesaurus/materials    | T-MAT localhost:2069 |
| Test-Thesaurus/time periods | T-ZTR localhost:2069 |
| Test-Holdings               | T-HOL localhost:2069 |
| Test-Items                  | T-MEX localhost:2069 |
| Test-Orders                 | T-ORD localhost:2069 |
| Test-Vendors                | T-VDR localhost:2069 |
| Test-Vendor addresses       | T-VAD localhost:2069 |
| Test-Budgets                | T-BUD localhost:2069 |
| Test-Budget transactions    | T-BTR localhost:2069 |
| Test-Arrivals               | T-ARR localhost:2069 |
| Test-Order log              | T-ORL localhost:2069 |
| Test-Currencies             | T-CUR localhost:2069 |
| Test-Currency ratio         | T-RAT localhost:2069 |
| Test-Invoice header         | T-IVH localhost:2069 |
| Test-Invoice positions      | T-IVP localhost:2069 |
| Test-Subscriptions          | T-ABO localhost:2069 |
| Test-Publication manner     | T-PUB localhost:2069 |
| Test-Issues                 | T-ISS localhost:2069 |
| Test-Routing lists          | T-RTL localhost:2069 |
| Test-Routing list members   | T-RTM localhost:2069 |
| Test-Routing list protocol  | T-RTT localhost:2069 |
| Test-Claims                 | T-CLM localhost:2069 |
| Test-Loans                  | T-VBU localhost:2069 |
| Test-Hold requests          | T-VOR localhost:2069 |
| Test-User                   | T-BEN localhost:2069 |
| Test-User addresses         | T-ADR localhost:2069 |
| Test-User permissions       | T-PRM localhost:2069 |

## Multiserver:

In case the server of this database is different make sure you change the host address!!!

|               |                            |
|---------------|----------------------------|
| Test-Titles   | T-TIT orion.exl.local:2069 |
| Test-Authors  | T-AUT orion.exl.local:2069 |
| Test-Subjects | T-SUB orion.exl.local:2069 |
| ..            |                            |

b) 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               |