



USER DOCUMENTATION (ALEPHINO 5.0)

OPAC mobile view



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OPAC-View for mobile devices

To use the OPAC on mobile devices with small or low-resolution screen, a simplified representation compared to the standard is recommended.

In addition, to take account of the fact that smartphones, PDAs and Tablet PCs are controlled using touchscreen displays, large control buttons are necessary.

For the purpose explained above Alephino Release 5.0 contains sets of specially adapted files in German and English.

Devices and browsers provide a vendor-specific identification, which is transmitted to the server within the header of the HTTP protocol.

Alephino uses this information to automatically present its mobile view to mobile devices.

Additionally or as an alternative to the automatic device detection the user can switch between standard and mobile view manually.

1) *Configuring the mobile view*

First, the supplied files covering websites, texts and other resources need to be announced to the OPAC program.

For this pls. add the following sections/entries to its configuration file *etc/alipac.cfg* :

```
(MobileMessage)
GER = ../etc/mobimsg.ger
ENG = ../etc/mobimsg.eng

(MobileSet)
GER = ../htdocs/mobipac_ger/
ENG = ../htdocs/mobipac_eng/

(Replace)
icon_mobi = /pix/mobipac
```

After that it should already be possible to switch between conventional and mobile view. For this the following link is to be used, to be inserted into every OPAC page (all files with ending **.htt** in sub-directories **htdocs/alipac_[lng]** and **htdocs/mobipac_[lng]**):

&server_session?option?FORCE_MOBILE=Y(N)

Pls. note that placeholder &server_session stands, as explained in document „The format of Alephino web sites“, for the current OPAC URL including its session-ID.

2) **Automatic device detection**

As already explained, the OPAC program can use the identification string sent by the respective device via HTTP_USER_AGENT to automatically switch to the mobile view. For this a list of device specific call signs needs to be created.

Again file **etc/alipac.cfg** is the one to be updated as follows:

```
(Mobiles)
Agent = iPhone
Agent = Android
Agent = Opera Mobi
Agent = BlackBerry
Agent = webOS
```

It goes without saying that the above list of „agents“ is to be taken for example. The name after the label Agent = must be contained somewhere in the device identification string to trigger the mobile view.

In order to determine, which identification string is sent by the devices you want to use, search the web using the keyword combination „[http_user_agent mobile devices](#)“.

A comprehensive compilation of devices and mobile browsers and their identification strings can – amongst others - be found here:

<http://www.useragentstring.com/pages/Mobile%20Browserlist/>

Hint: On Unix/Linux platforms for parameter after Label „Agent =“ a regular expression is accepted, however on Windows only a sub-string comparison is available.

3) Examples for mobile view

The subsequent screenshots serve to illustrate the design of the OPAC based on the resources shipped with Alephino. Feel free to adapt the design to the demands of your library. For this pls. consult our documentations [The format of Alephino web sites](#) and [The Alephino OPAC pages](#) .

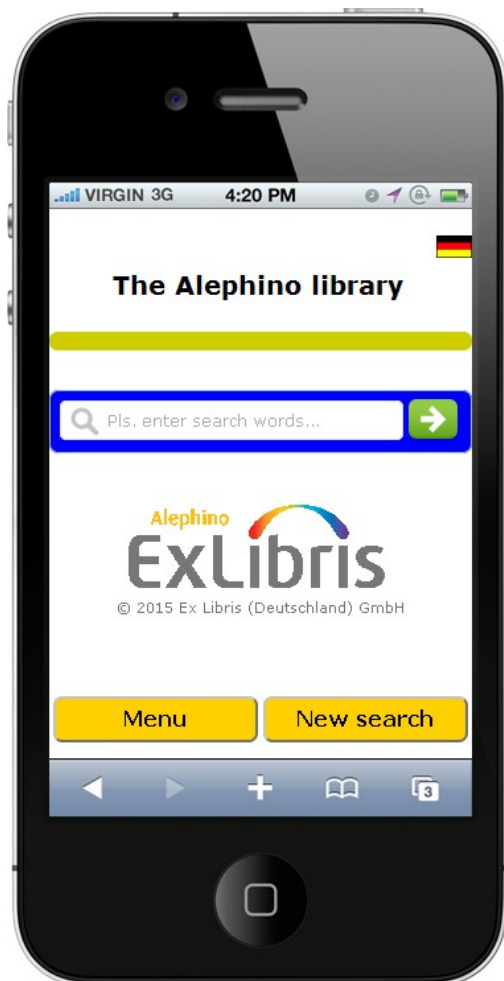


Fig. 1: Entry screen

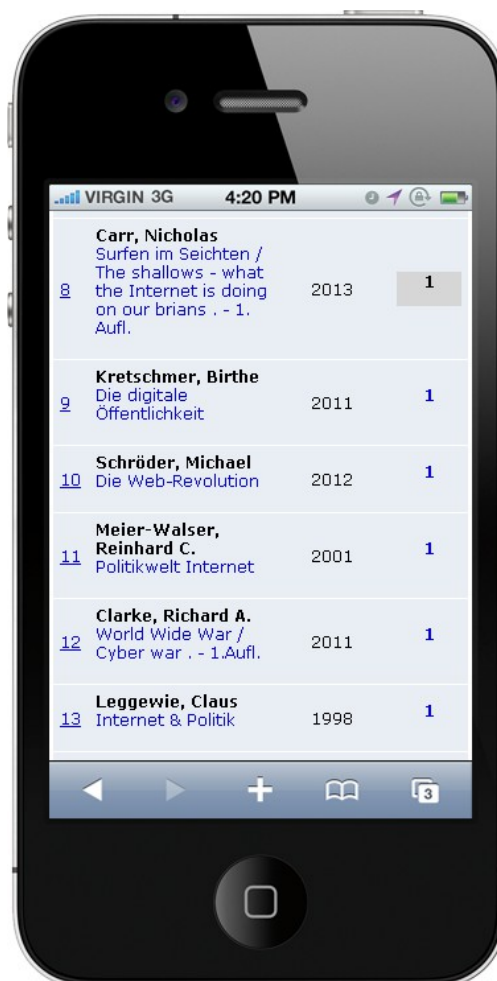


Fig. 2: Brief list of titles

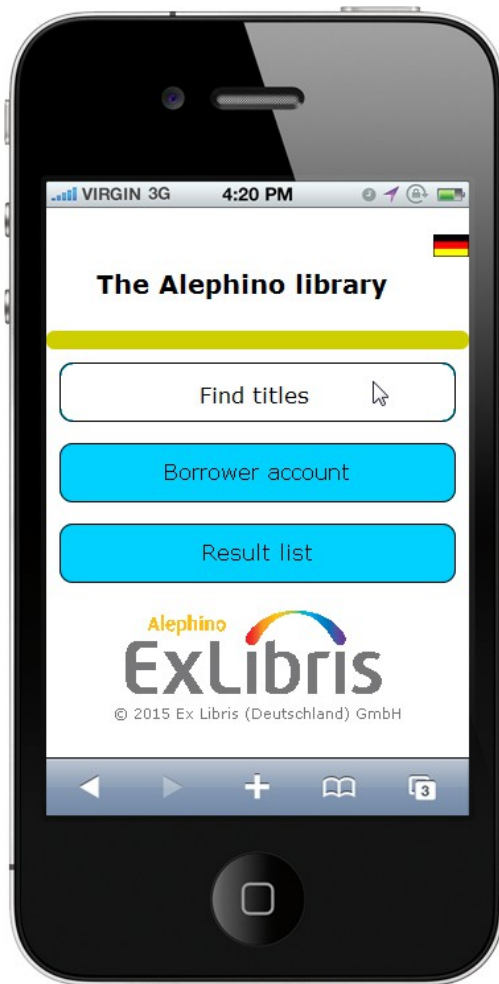


Fig. 4: Main menu

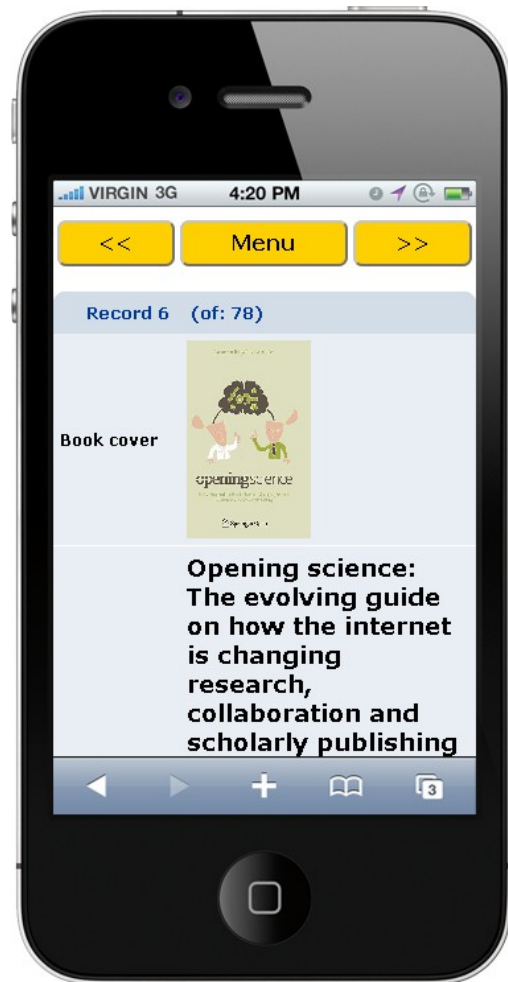


Fig. 3: Title full view