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## How to maintain error messages and services files locally

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 18
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### Desired Outcome Goal:

Maintain local error messages and modify services files

### Procedure:

In version 18 some directories that were previously placed below \$alephe\_root can now be found in \$aleph\_dev/aleph. Since this new architecture often raises questions, we would like to point out some important consequences.

The directories error\_ing (error messages, warnings and variable texts) and pc\_b\_ing (services) were moved from \$alephe\_root to \$aleph\_dev/aleph. In version 16 there was another directory pc\_b\_ing containing the help texts of the services. This directory is now called pc\_b\_help\_ing. (The extension "ing" is the language code, e.g. ger, eng or fre.)

The important consequence of these new locations: The amount of maintenance has considerably decreased. Previously those error messages and services that were delivered into the a-tree needed to be copied into the u-tree. Now you do not have to take care of these messages. Modified error messages are placed in the a-tree without any maintenance expected from you.

It is nonetheless still possible to maintain own versions of messages and services. Therefore you may create the directories pc\_b\_ing and error\_ing (but not pc\_b\_help\_ing!) in \$alephe\_root. Now the system will prefer your text and ignore the standard version in \$aleph\_dev/aleph.

Example: You decide to change the message "Patron expiration date has passed" to "Patron's library card has expired".

1. Find the message (for example with a grep command in error\_ing). It is placed in \$aleph\_dev/aleph/error\_eng/www\_f\_heading:

```
0121 L Patron expiration date has passed - $1.
```

2. Make an own directory error\_eng:

```
cd $alephe_root  
mkdir error_eng
```

3. Copy the file www\_f\_heading here:

```
cd error_eng  
cp $aleph_dev/aleph/error_eng/www_f_heading .
```

4. Open the copy of the www\_f\_heading file and change the above-mentioned line.

It is not necessary to keep the entire file as a copy. You may delete those lines from the file that you do not intend to

change. Those lines will be read from the original file in \$aleph\_dev/aleph.

An important consequence arises from the file "global". This file is placed in error\_Ing. It is a so-called "catch-all file" which is consulted whenever an error code cannot be found in any other file. The sequence that the system uses for searching an error code is the following:

1. in \$alephe\_root/error\_Ing/(specific file)
2. in \$alephe\_root/error\_Ing/global
3. in \$aleph\_dev/aleph/error\_Ing/(specific file)
4. in \$aleph\_dev/aleph/error\_Ing/global

Since this may have unwanted consequences, we recommend to let the file global in \$aleph\_dev/aleph/error\_Ing without copying it to the u-tree.

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## Additional Information

The information above was sent as 'Tips & Advice No. 1' to aleph-news list (18-Dec-2007)

**Category:** Installation & Upgrades (500)

**Subject:** Service Pack (500)

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