

Folder Language Overrides

Priasoft

Background

Priasoft's migration solution has an internal table that maps a language value (like en-US or fr-FR) to a set of Standard Folder Names. Standard Folder Names are the default folders created by Outlook at first logon and are as follows: Calendar, Contacts, Drafts, Deleted Items, Inbox, Journal, Notes, Outbox, Sent Items, and Tasks. Our internal table has a list of standard folder names for each different language supported by Exchange 2010 and Exchange 2013. There are over 200 languages supported by Exchange currently!

This table that maps a language value to folder names is important because a mailbox does not have a value that identifies the language of the folders. The Priasoft solution must refer to this table in order to determine the language used for the standard folders of a source mailbox. During migration to Exchange 2010 or 2013, if the application finds the source mailbox's folder names in our internal list, we will use an Exchange cmdlet (`set-MailboxRegionalConfiguration`) to force the target mailbox's folder names to match the language of the source folders.

The Issue

You were likely directed to this document from a log file produced by a migration using Priasoft Mailbox Migration Manager. The issue is that our internal mapping of folder names to language only contains the folder names from Exchange 2010/2013. It has been found that previous versions of Exchange produced standard folders names differently for some languages than those from Exchange 2010/2013. As such, when a source mailbox's folder language is indeterminable (not found in our list), we fail the mailbox and direct you to this document.

Additionally, this can occur if a source mailbox is missing one of the standard folders. Older versions of Exchange do not create all the standard folders when the mailbox is created and left such tasks for Outlook to perform. However, if a mailbox was created, perhaps as an application mailbox or shared resource, it can happen that Outlook is never used to connect to that mailbox. In turn, the mailbox would only have the default folders implement by Exchange: Inbox, Outbox, Deleted Items, Sent Items. Our internal list of language-to-foldernames is built from the 10 default folders that Outlook creates and expects to exist.

In this scenario, the mailbox will fail to migrate because, in truth, it is unable to determine the language of the mailbox folder names. No assumption can be made that en-US is used just because 4 of the 10 folders exist and appear to be English. When there are "missing" folders, such can be seen in the log entry whereby in the list of foldernames, 2 or more semi-colons (;) are seen in the list. The treatment is the same for missing folders or undetermined language, the details of which follow this section.

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The Resolution

The resolution to this issue is to add the source mailbox's standard folder names to the application with a language value. In this way the application will then find a mapping between the folder names and the language value configured which allows the application to call the cmdlet that will force the folder names of the target mailbox to be in the language of the source.

Using the Microsoft Registry Editor (regedit.exe), a new key and value must be entered as follows:

The following key will not exist by default and must be created.

Note the version in the path below 'X.X'; replace the 'X.X' with the version of the solution being used (must be 6.5 or higher).

The key minus 'FolderLanguages' should already exist.

KEY: HKEY_CURRENT_USER\Software\Priasoft\Mailbox Migration Manager X.X\Control\FolderLanguages
NAME: <language-CULTURE>

*The name above, <language-CULTURE>, should be one of the values found in the "Culture Name" column at this website:
<http://msdn.microsoft.com/en-us/global/bb896001.aspx>*

the name should be a value in the format of 'xx-YY' or 'xx-YY-ZZ'; the character length of 'xx', 'YY', and 'ZZ' is not limited to 2 characters.

TYPE: Multi-Value String (REG_MULTI_SZ)
VALUE: One or more listings of folder names to be associated with the language-CULTURE.

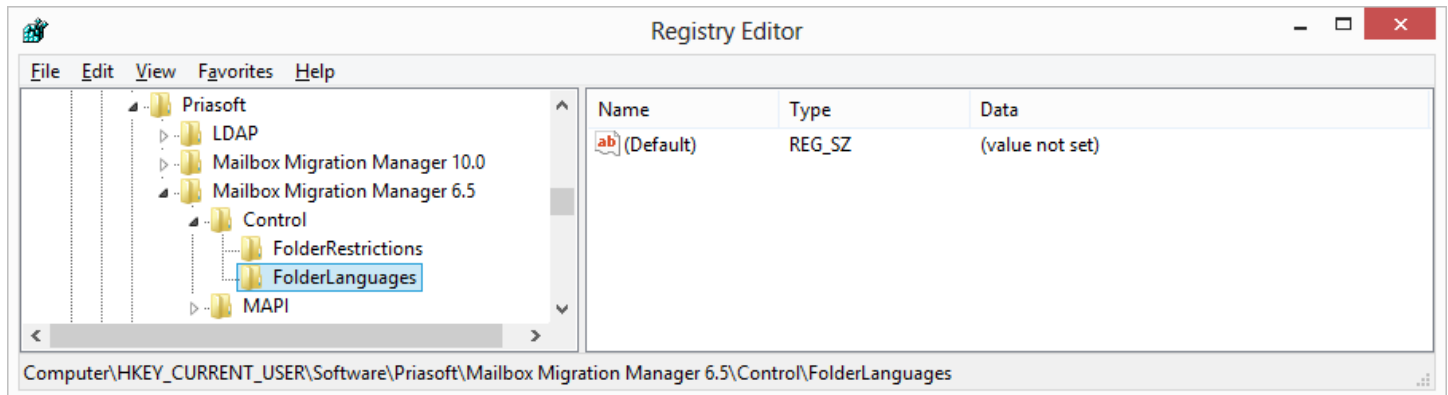
*The folder name listings must be in the following ORDER and FORMAT:
Calendar;Contacts;Drafts;Deleted Items;Inbox;Notes;Sent Items;Outbox;Journal;Tasks*

Note that the list of folder names is case sensitive and must contain NO spaces around the ';' delimiter.

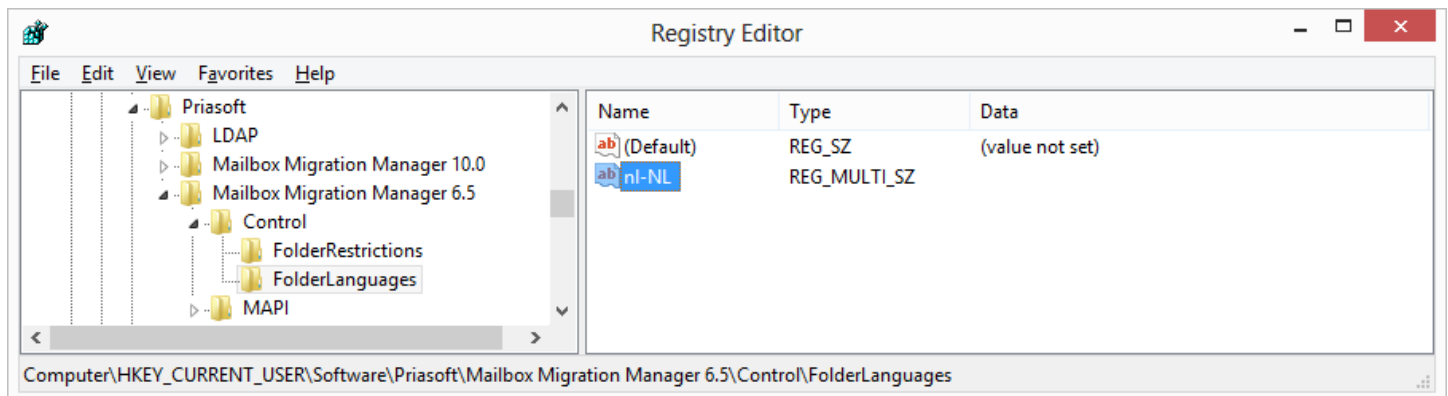
The migration application will always log the source mailbox's standard folder names in the proper order for this value. See example below.

2014-04-10T13:48:55 Information Source mailbox's standard folder names are: ;Kalendar;Contacts;Drafts;Deleted Items;Inbox;Notes;Sent Items;Outbox;Journal;Tasks

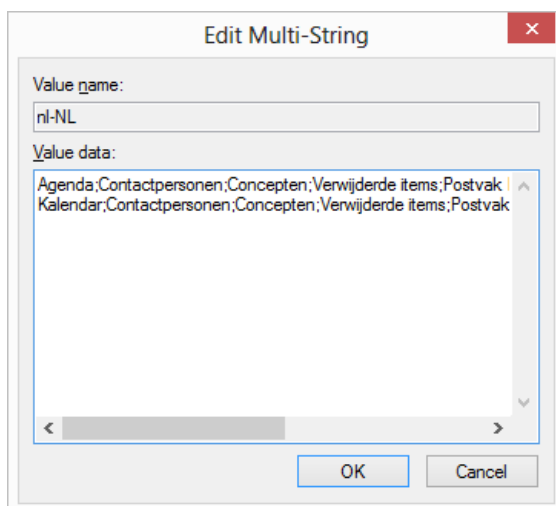
Example



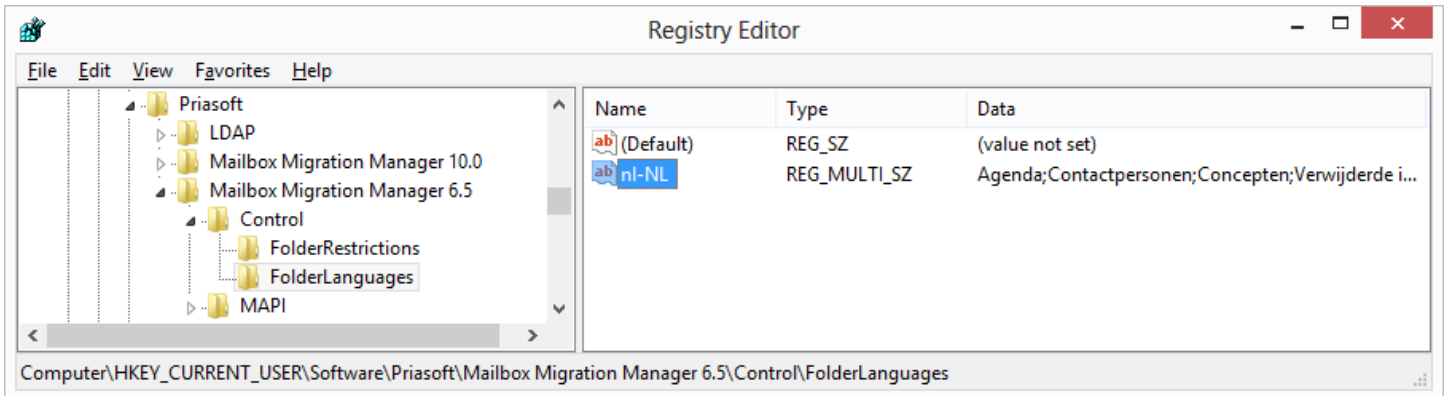
Shows the addition of the new key.



Shows the addition of a new language-CULTURE value



Modifying the multi-valued string. Note that more than one list of folder names has been added.



Final result after all edits.