



Tuning Communications Express to Work With Connector for Microsoft Outlook

Sun Java™ Enterprise System Technical Note

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Tuning Communications Express to Work With Connector for Microsoft Outlook

This technical note describes interoperability issues and tuning tips when using Sun Java™ System Communications Express with Sun Java System Connector for Microsoft Outlook.

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Technical Note Revision History

Version	Date	Description of Changes
1.0	February 2006	Initial release of this technical note.

Mapping System Folders

This section describes the differences and interoperability issues in system folder definitions between Sun Java System Connector for Microsoft Outlook and Sun Java System Communications Express. This section also describes how to define the system folders for both clients.

Comparing the System Folder Names

While IMAP protocol defines only one system folder for incoming mail (INBOX), mail clients such as Outlook and Sun Java System Communications Express define their own system folders for drafts, sent mail, and deleted mail. The mail clients have no way of distinguishing those system folders. These system folders are created by different preferred names and localized names according to locale and client software. This causes multiple physical IMAP folders to be created for a system folder if a single email account is accessed by more than one email client (or same email client, but accessed by a different locale machine).

In Outlook the folder naming is:

- Deleted Items=Deleted Items
- Drafts=Drafts
- Sent Items=Sent Items

In Communications Express the folder naming is:

- Deleted Items=Trash
- Drafts=Drafts
- Sent Items=Sent

Defining the System Folders for Outlook

A new Sun Java System Connector for Microsoft Outlook mail system mapping file is available to provide better interoperability between Outlook and Communications Express. This solution allows the administrator to configure how system folders are mapped. The `uwc_folders.map` file contains the system folder mapping definitions for Communications Express. The `outlook_folders.map` file contains the system folder mapping definitions for Connector for Microsoft Outlook.

You can choose one of the mapping folders files to use as the default system folder mapping definition files in the Deployment Configuration Program (under the Mail tab). Select either **Outlook style** or **Communications Express style** to indicate which of these two standards the user program should use to name users' IMAP folders. Your style selection determines which of the map files, `outlook_folders.map` or `uwc_folders.map`, is used to map users' IMAP folder names. Before running this program, an administrator can edit these files to suit local requirements, as long as the original file names remain the same.

Defining the System Folders for Communications Express

Next, define the system folders for Communications Express. The `i18n.js` file defines the system folder names for Communications Express. This file is located in the `/var/opt/SUNWmsgsr/config/html/lang` directory, where `lang` is the specific localized language (for example, `fr` for French). This file needs to be modified so that the mapping entries are similar to the entries in the `sjoc_folders.map` file.

For example, by default folder mappings in the French `i18n.js` file are:

```
i18n['INBOX'] = 'Inbox'
i18n['trash folder'] = 'trash'
i18n['draft folder'] = 'draft'
i18n['sent folder'] = 'sent'
...
fldr['INBOX'] = 'French Inbox'
fldr['trash'] = 'French Trash'
fldr['draft folder'] = 'French Draft Folder'
fldr['sent folder'] = 'French Sent Folder'
```

The values for `i18n['system-folder-name']` are used to create system folders in the IMAP store. For example, if `i18n['trash folder'] = 'trash'`, a folder with the folder name `trash` is created in the IMAP store. The values for `fldr['system-folder-name']` are used for displaying the system folder names in the client interface.

In the `sjoc_folders.map` file, the similar folder mappings are:

```
[fr]
INBOX='Boîte de réception'
Deleted Items='Éléments supprimés'
Drafts='Brouillons'
Sent Items='Éléments envoyés'
```

Modify the French `i18n.js` folder mappings to match the `sjoc_folders.map` file:

```
i18n['INBOX'] = 'Boîte de réception'
i18n['trash folder'] = 'Éléments supprimés'
i18n['draft folder'] = 'Brouillons'
i18n['sent folder'] = 'Éléments envoyés'
...
fldr['INBOX'] = 'Boîte de réception'
fldr['trash'] = 'Éléments supprimés'
fldr['Drafts'] = 'Brouillons'
fldr['Sent'] = 'Éléments envoyés'
```

Modify each language represented by an `i18n.js` file.

Note – Because the `i18n.js` files are written in UTF8 code, use an editor that preserves the UTF8 code.

This new folder mapping definition is only effective for new users.

Before users log into Communications Express, the users' preferred language needs to be set. To do this, set the `preferredLanguage` or `preferredLocale` attribute using the `ldapmodify` command.

New users should see only one set of system folders, except in the following case:

A user logs into Outlook with the locale set to French. Later, the same user logs into Communications Express with the preferred language set to English. This user sees system folders in English and French in both Outlook and Communications Express.

Synchronizing Contacts in Communications Express

If a contact entry is deleted in Communications Express, the configuration parameter `delete_perm` in the `db_config.properties` file needs to be set to `false` in order for the deleted contact to be captured and synchronized with the contact entries in Outlook. The entry should be:

```
delete_perm=false
```

The default is `true`. The entry can be found in the `/var/opt/SUNWuwc/WEB-INF/config/ldapstore/db_config.properties` file.

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