FOXMAN-UN

Language Pack

Principles and Installation

Document ID	1KHW029120	
Document edition	FOXMAN-UN System Release:	R18
	Revision:	A
	Date:	2025-06-03

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1   Preface

This EB covers the FOXMAN-UN component

- Language Pack

with respect to its principles and component installation.

2   Introduction

Up to FOXMAN-UN release R11A, the text resources were part of the client installation package, which limited the flexibility of the deployment. There was no possibility to add a new language translation on an existing installation.

To improve this, the deployment of the resource bundles use a new concept from release R11A SP1 onwards.

For this purpose a new component has been introduced:

*   Language Pack, which contains all text resources for a specific language for FOXMAN-UN and FOXCST.

The component can be delivered individually or as part of a release, service pack, or patch collection. This enables the delivery of a new language whenever it is available, independent of an installed FOXMAN-UN.

The deployment of the component makes use of the Voyager REST service "nemcore":

*   clients load the language pack from the core;
*   installation needs to be done once on the core;
*   no need for installation on the client.

3 Language Pack Details

The language pack contains all text resources used in the FOXMAN-UN client and FOXCST. There is a specific language pack for each supported language.

The default language pack, containing the English text resources, is treated as any other language pack. The default language pack is delivered with the FOXMAN-UN software bundle by default.

Each language pack has a version number mapped to the FOXMAN-UN release pattern. As an example for R18: "nem-lang-nn-18.0.0" followed by a drop number or SNAPSHOT, i.e. 18.0.0-0 (R18 released version /drop 0) or 18.0.0-SNAPSHOT (R18 last snapshot), respectively.

The scheme of the version number has been chosen to stay compatible with the artifactory version management.

The language pack contains the following resources:

For FOXMAN-UN:

- common-bundle.properties
- FOXMAN-UN-bundle.properties
- nemclient-bundle.properties
- mgfaultcauses.properties
- umuxfaultcauses.properties
- FOXMAN-UNfaultcauses.properties
- resterror-bundle.properties

For FOXCST:

- cst.mo
- Communication.resources.dll
- Infrastructure.resources.dll
- Models.resources.dll
- MSimLibrary.resources.dll
- ViewModels.resources.dll

4   Language Pack Installation

The default core installation doesn't contain a specific language pack. New language packs - as far as available - can be installed as add-ons to an existing FOXMAN-UN Core installation.

To install a language pack, proceed as follows:

1   Stop FOXMAN-UN on the Linux server (nemstop). As root, run the install_lang_pack script from the **NEM_ADDON** installation directory.
    Example: ./installation/ABB/i686/NEM_ADDON/install_lang_pack.sh

    Or if you do not find the install script, look for the nem-lang-nn-15.* rpm file. Install it with the "rpm -i" linux command:

    Example: rpm -ivh ./installation/i686/NEM_ADDON/RPMS/nem-lang-en-18.0.0-0.el8.i686.rpm

2   From the client, log in to core via NEM login (still with default language). Accept to download the new detected resource files (i.e. the installed language pack).

3   Log out from core.

4   Re-login by selecting the new language (last pull-down menu in login dialog).

> i   **Please note:**
>   Currently only EN is available as standard language pack. Any other language pack is subject to specific customer request.

To use a language pack, the respective language needs to be active in the FOXMAN-UN license, i.e. the option "Language supported : nn" must be listed in the license, where "nn" shall be the two-character short identifier for the respective language.

4.1   FOXMAN-UN Core Details

The add-on installation of a language pack copies the resource bundles to an appropriate location within the FOXMAN-UN installation.

On the core, the directories will have the following structure:

/opt/nem/share/languages/

    nem-lang-en-18.0.0-0.jar

Important requirements:

* This installation is not interrupting the core when running.

* A newer version replaces an older version (which must be removed).

4.2   FOXMAN-UN Client Details

The client installation does not contain a default language-pack.

When the client detects a new or updated version of the language pack on a core, it downloads the language pack from the core and replaces the old one or adds the new one, respectively, in a directory (in the user space) named after the core from which it is loaded.

On the client the directories will have the following structure (example):

Windows:

<user-home>/AppData/Roaming/ABB/FOXMAN/

  <core-server-1>/

    language-pack-en-18.0.0-0.jar

  <core-server-2>/

    language-pack-en-18.0.0-1.jar

Linux:

<user-home>/.nem/

```
<core-server-1>/
   language-pack-en-18.0.0-0.jar
<core-server-2>/
   language-pack-en-18.0.0-1.jar
```

Hitachi Energy Ltd
Bruggerstrasse 72
5400 Baden - Switzerland

Phone: please refer to https://www.hitachienergy.com/contact-us/Customer-Connect-Center
            (Customer Connect Center)
Email: communication.networks@hitachienergy.com

www.hitachienergy.com/communication-networks