

# Ensim Pro for Windows 2003 Localization Guidelines

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## Introduction

This document explains how to localize the Ensim® Pro for Windows® control panel and online Help for any language or region.

**Important:** The instructions provided in this document are applicable only to Ensim Pro 4.0 for Windows 2003 and later.

For languages and directory names that map to each language, see the language and directory names table ("[Languages and directory names](#)" on page 12). Please review the list and replace **all** instances of `<language_directory>` in this document with the corresponding directory name values from the Directory name column.

**Important:** Ensim Pro for Windows does **not** support International Domain Names (IDN). It also does **not** provide support for Microsoft® Windows 95, Windows 98, and Windows ME client tools localized to double-byte character sets.

**Note:** For simplicity, we will refer to Ensim Pro for Windows as "Ensim Pro" throughout this document.

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## Translation kit contents

The translation kit for Ensim Pro consists of four components. The following table lists these components.



**Table 1. Translation kit contents**

Component	Description
epw_localization_guidelines.pdf	This document.
epw_source_strings.zip	Source strings in text file format.
epw_services_xml.zip	XML mapping for service components.
epw_help_source.zip containing zip files for the following: <ul style="list-style-type: none"><li>• General Help</li><li>• DNS Help</li><li>• Windows Web Hosting Help</li></ul>	Help source files in RoboHelp format.

## Localizing the text string files

The text strings are provided in the `epw_source_strings.zip` file. You will need to use the WinZip® utility to decompress and open the zip file and extract the files within, then use a text editor such as Notepad to translate the text strings.

The following files are packaged in the zip file:

- COLDFUSION.strings.po
- DNS.strings.po
- MAIL.strings.po
- platform.strings.po
- URCHIN4.strings.po
- WVH.strings.po
- wwp.DNS.strings.po
- wwp.MAIL.strings.po
- wwp.platform.strings.po
- wwp.URCHIN4.strings.po
- wwp.WVH.strings.po

To localize the strings and offer a new language in the Ensim Pro control panel, you need to translate the strings, then install the translated strings on the Ensim Pro server.

The text strings used in the Ensim Pro control panel are stored in text files as **key-value** sets. The **key** represents the unique identifier for the message string (**msgid**) and the **value** (**msgstr**) represents the actual message string displayed to the user.

The following is a sample entry from a localized (French) file.

```
msgid "MSGID_254"  
msgstr "Nouveau nom de l'organisation"
```



where:

- The **msgid** line includes the message identifier.
- The **msgstr** line includes the actual message string (the French version of the source English string).

## Special guidelines for localizing the text string files

When modifying the text files, follow these guidelines.

- Only modify the actual message string in the **msgstr** line.
- **Do not** modify the identifier in the **msgid** line.
- **Do not** translate API (application programming interface) calls or classes. These appear as compound words, such as **GetFromDB**, **QuotaGroups**, **QuotaTypes**, and **ContainedType**; they are used by the API, which is not translated.
- **Do** save the translated files with the correct **Unicode encoding**.  
Use UTF8Encoding (UTF8) for all **Latin character sets** (for example, Dutch, English, French, German, Portuguese, and Spanish) and UTF16Encoding (UTF16) for all **non-Latin character sets** (for example, Japanese).

## Installing the translated text string files

After you have translated the files, you can install them on the Ensim Pro server. This enables you to view the translated strings when you log on to the control panel.

### ▼ To install the translated files:

- 1 Remotely login to the Ensim Pro server using Remote Desktop (How to article: <http://www.microsoft.com/windowsxp/pro/using/howto/gomobile/remotedesktop/default.asp>).
- 2 Transfer the translated files onto the Ensim Pro server.
- 3 Create a directory with the name **<language\_directory>** in the following locations:
  - C:\Program Files\Ensim\WEBppliance\cp\admin\resources\**<language\_directory>**
  - C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\filemanager\FMWeb\**<language\_directory>**

**Note:** **<language\_directory>** is a special name used to map directory names to available languages. For the complete list of languages and corresponding directory names, see the language directory name table ("[Languages and directory names](#)" on page [12](#)). To get the list of supported languages, type the command **reglangpack -l** on the Ensim Pro server.

- 4 Copy all the translated files to C:\Program Files\Ensim\WEBppliance\cp\admin\resources\**<language\_directory>**.
- 5 If there is an older version of a file, the new version should replace it. From the DOS shell, do the following:



a Change directory (**cd**) to  
**C:\Program Files\Ensim\WEBpliance\cp\admin\resources.**

b Type the following commands.

```
net stop w3svc
```

```
reglangpack -s <epserver>
```

where <epserver> is the name or IP address of the Ensim Pro server.

```
net start w3svc
```

6 Change directory (**cd**) to **C:\Program Files\Ensim\WEBpliance\cp\admin\siteadmin\serviceComponents\filemanager\FMWeb\resources** and repeat step **b** in the preceding step.

The translated files are installed and you will be able to view the translated strings when you log on to the control panel.

## Localizing the online Help files

The Ensim Pro online Help files are provided in a zip file with Ensim Pro. You will need to use the WinZip® utility to open the zip archive and extract the files. The zip archive includes three zip files for the General Help, DNS Help, and Windows Web Hosting Help projects. Use the WinZip utility to extract the Help files from each of these zip files, then use Adobe® RoboHelp X5 to open each Help project.

**Important:** RoboHelp X5 currently supports 11 international languages: **English, Danish, Dutch, French, German, Italian, Norwegian, Brazilian Portuguese, European Portuguese, Spanish, and Swedish.**

If you want to translate the Help files to a language not listed above, contact Adobe Support at <http://www.adobe.com> for additional guidelines on the translation.

The Ensim Pro online Help system is created from the following RoboHelp X5 projects:

- **General Help.xpj**
- **DNS Help.xpj**
- **Windows Web Hosting Help.xpj**

From each of these RoboHelp projects, HTML Help systems (WebHelp) are generated for the service provider, reseller, organization, and user control panels. The output is generated in English. If you want to use only the English version as is, you do **not** have to do anything. The English versions of these Help systems are included with the Ensim Pro software.

However, to view the Help system in languages other than English, you must translate the Help content into the language of choice, create additional directories, then copy the translated files to the directories.

For example, if you want to view the Help system in Canadian French—**French (Canada)** with the language directory **fr-CA**—you must first translate the Help source files into Canadian French using RoboHelp, then generate the output for all four levels.

Next, you must then create the **fr-CA** subdirectory under each of the following four directories:



- Ispadmin
- Resadmin
- Siteadmin
- Useradmin

Finally, you must then copy the translated French Help files under that subdirectory for each level (for example, at the service provider level, you will copy all the Help files into the same **fr-CA** directory).

If you want one more language Help installed, for example, Mexican Spanish—**Spanish (Mexico)** with the language directory **es-MX**—you have to just repeat the process, that is, translate the Help source into Mexican Spanish using RoboHelp, create the **es-MX** directory under each of the four directories mentioned above, then copy the translated Help into the **es-MX** subdirectories.

When you log on to the Ensim Pro control panel, you can select your language preference. If you select **us-English**, Ensim Pro automatically picks up the default Help. If you select anything else, for example, **French-Canada**, Ensim Pro links to the **fr-CA** subdirectory for that level when a Help link is clicked.

To localize the online Help, you need to complete the following tasks, which are detailed in this section:

- 1 Translate each project, being careful not to modify conditional text, bookmarks, and comments.
- 2 Generate the required output.
- 3 Install the output on the Ensim Pro server.

## Special guidelines for localizing the General Help

The general Help for the ISP, reseller, organization, and user control panels is generated from a single project file: **General Help.xpj**. Conditional text is used to generate the output for each level.

**Caution:** Be careful not to change or remove bookmarks and comments; without them, you cannot install the Help on the Ensim Pro system.

Before you begin working on the project, make sure you understand how to identify conditional text, bookmarks, and comments so that you avoid changing or removing them.

### Identifying bookmarks and comments in the General Help

When you work on the project in RoboHelp's WYSIWIG editor, it's a good idea to work in the view that shows conditions, bookmarks, and comments. In this view, special icons are displayed where bookmarks and comments appear.

If bookmarks and comments are hidden, the WYSIWYG editor shows nothing more than an extra line space where the bookmarks and comments appear; if you backspace near this line, you can delete the tags inadvertently. Without tags, the online Help may not display properly.

**Note:** The bookmarks and comments used for service-specific links are always preceded by the following text: *For more information, click the links below to open the service-specific Help.*



#### ▼ To show bookmarks and comments:

- 1 On the View menu, select Show, then click Bookmarks.
- 2 On the View menu, select Show, then click Comments.
- 3 On the View menu, select Show, then click Conditional Areas.

## Translating the online Help files

To translate each online Help project, follow the instructions in this section.

#### ▼ To translate and compile an existing RoboHelp project:

- 1 Open the project:
  - a Download the zipped file to your local system and extract or uncompress the contents to a destination folder.
  - b Access the destination folder, locate the RoboHelp project file (\*.xpj), and double-click on it. The project opens in the Project Manager view, which lists all topics alphabetically.

You will probably want to work in the TOC view, which displays a list of books and related topics. To switch to the TOC view, click TOC in the lower left pane. To open a book, click on the plus sign (+) on its left or simply double-click the book title. All sub-books/topics in that book are displayed. To open a sub-book/topic, double-click on the book/topic title. Clicking on any topic displays it in the WYSIWYG view (right pane).

- 2 Translate all required components.

The components include:

- All book titles and topic titles.
- All visible text on the right pane (body text).
- All navigational components on the top navigation frame. The navigational components can be accessed through the project skin file.
- All graphic tooltips.
- All glossary entries.
- All index entries.
- The project title.
- The footer text. The footer text can be accessed through the footer template file (**Footer.htt**).
- The text on the Related Topics button and all topics referenced therein.

**Caution:** Be careful not to change or remove bookmarks and comments; without them, you cannot install the Help on the Ensim Pro system.

## Generating the output for each level

Each Help project contains SSL (single-source layouts) that make it easy to generate different Help systems from the same project. Provided that conditional text settings have not been changed during the translation, you should not need to modify the layouts. All you need to do is generate the output as described in this section.



### ▼ To generate output for service provider, reseller, organization, and user level Help:

- 1 Save the project.
- 2 On the File menu, click Batch Generate.
- 3 On the Batch Generate form, select the layouts you want to generate. Click the check box left of the Layout Name column to select each layout. To generate all four levels, select the following layouts:

#### For General Help

- isp\_admin\_trinity
- org\_admin\_trinity
- res\_admin\_trinity
- usr\_admin\_trinity

#### For DNS Help

- isp\_dns\_trinity
- org\_dns\_trinity
- res\_dns\_trinity

#### For Windows Web Hosting Help

- isp\_trinity
- org\_trinity
- res\_trinity
- usr\_trinity

- 4 Click Generate. RoboHelp generates each layout. When the layout has been generated, **Generated** appears in the Status column.
- 5 When the files have been generated, click Close at the bottom of the Batch Generate window.

The new output appears in the *<proj\_dir>\!SSL!\Trinity* folder, where *<proj\_dir>* is the path where the RoboHelp source files are located. The output is placed in separate folders that match the layout names in the previous step.

**Note:** To view the output folder path for each layout, under the Project tab, right-click the layout name and select Properties; this opens the properties dialog box for the selected layout. The Select Output Folder and Start Page text box displays the output folder path.

## Installing the translated Help files

After you have translated and generated the online Help, you need to install the Help onto the Ensim Pro server.

### Installing the general Help

To install the general Help onto the Ensim Pro server, follow the instructions in this section.



### ▼ To install the general Help:

- 1 Go to the directory `$Ensim Pro Install Dir\cp\admin\help`. If you installed Ensim Pro under `C:\Program Files`, the path for the `cp\admin` directory will be `C:\Program Files\Ensim\WEBpliance\cp\admin\help`.
- 2 If you had already installed the general Help (the default English version), you will find a folder named `help` under `cp\admin` (that is, `cp\admin\help`).

If not, create a folder named `help` under the `cp\admin` directory and create the following four subfolders within the `help` folder: `isppadmin`, `siteadmin`, `resadmin`, `useradmin`

Example:

`cp\admin\help`      directory:    `isppadmin`, `siteadmin`, `resadmin`, `useradmin`

- 3 Create your language specific directory inside each of these four subfolders: `isppadmin`, `siteadmin`, `resadmin`, `useradmin`. The names for the language specific directories are specified in the language and directory names table ("[Languages and directory names](#)" on page 12).

For example, for **Chinese (People's Republic of China)**, the directory name is `zh-CN`.

Therefore, you will create four language-specific directories under each of these four subfolders:

- `cp\admin\help\isppadmin\zh-CN`
  - `cp\admin\help\siteadmin\zh-CN`
  - `cp\admin\help\resadmin\zh-CN`
  - `cp\admin\help\useradmin\zh-CN`
- 4 Go to the `<proj_dir>\!SSL!\Trinity` folder which was created during the generation of the Help output for each level (where `<proj_dir>` is the path where the RoboHelp source files are located).  
You will find four subdirectories in this directory.
    - `isppadmin`
    - `siteadmin`
    - `resadmin`
    - `useradmin`
  - 5 Copy the contents of:
    - `isppadmin` to `cp\admin\help\isppadmin\zh-CN`
    - `siteadmin` to `cp\admin\help\siteadmin\zh-CN`
    - `resadmin` to `cp\admin\help\resadmin\zh-CN`
    - `useradmin` to `cp\admin\help\useradmin\zh-CN`
  - 6 Access and use the Ensim Pro general online Help.

## Installing DNS Help and Windows Web Hosting Help

To install DNS Help and Windows Web Hosting Help onto the Ensim Pro server, follow the instructions in this section.





### ▼ To install DNS Help and Windows Web Hosting Help:

- 1 Go to the directory `$Ensim Pro Install Dir\cp\admin\help`. If you installed Ensim Pro under `C:\Program Files`, the path for the `cp\admin` directory will be `C:\Program Files\Ensim\WEBpliance\cp\admin\help`.
- 2 If not present, create the following folder structure under the following for both DNS and Windows Web Hosting:

- `ispadmin\<language_directory>\Services\<ServiceName>\<version number>`
- `siteadmin\<language_directory>\Services\<ServiceName>\<version number>`
- `resadmin\<language_directory>\Services\<ServiceName>\<version number>`
- `useradmin\<language_directory>\Services\<ServiceName>\<version number>`

where:

`<language_directory>` refers to the directory name for the selected language. For the complete list of languages and corresponding directory names, see the language and directory names table ("[Languages and directory names](#)" on page 12).

For example, for the Chinese (People's Republic of China) language, the directory name is `zh-CN`, so you would replace `<language directory name>` with `zh-CN`.

`<ServiceName>` refers to one of the following:

- `DNSService` - DNS
- `WebHosting` - Windows Web Hosting

`<version number>` refers to the current version number (dot release: x.x.x). For example, 10.0.0.

- 3 Go to the `<proj_dir>\!SSL!\Trinity` folder which was created during the generation of the Help output for each level (where `<proj_dir>` is the path where the RoboHelp source files are located).

You will find four subdirectories within this directory:

- `ispadmin`
- `siteadmin`
- `resadmin`
- `useradmin`

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**Note:** DNS has only three subdirectories: `isp_dns_trinity`, `org_dns_trinity`, and `res_dns_trinity`.

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- 4 Copy the contents of the folders as listed below:

- `ispadmin` to `ispadmin\<language directory name>\Services\<ServiceName>\<version number>\`
- `siteadmin` to `siteadmin\<language directory name>\Services\<ServiceName>\<version number>\`
- `resadmin` to `resadmin\<language directory name>\Services\<ServiceName>\<version number>\`
- `useradmin` to `useradmin\<language directory name>\Services\<ServiceName>\<version number>\`



- 5 Unzip **epw\_services\_xml.zip** from the CD-ROM to **C:\Program Files\Ensim\WEBppliance\cp\admin**. Click Yes if prompted to overwrite existing files.
- 6 Open a command prompt and cd to **C:\Program Files\Ensim\WEBppliance\cp\admin\bin**.
- 7 If not present, download the **ServiceHelpMaker.exe** from the CD-ROM and run it with the following options. This will create links to the DNS Help and Windows Web Hosting Help in the general Help.

**ServiceHelpMaker.exe " <ServiceName> " <Version> " <Physical Directory of the CP> " None <Installation Options>**

where:

**<ServiceName>** refers to:

- o **DNSService** - DNS
- o **WebHosting** - Windows Web Hosting

**<Version>** refers to the current version number of DNSService or Windows Web Hosting. For example, 10.0.0.

**<Physical Directory of the CP>** refers to the default directory path, **C:\Program Files\Ensim\WEBppliance\cp\admin**.

**<Installation Options>** refers to the following options:

- o C - create links to the **<ServiceName>** Help in the general Help
- o D - delete links to the **<ServiceName>** Help in the general Help (user either C or D, but not both)

**Example:**

```
ServiceHelpMaker.exe "DNSService" 10.0.0 "C:\Program Files\Ensim\WEBppliance\cp\admin" None C
```

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**Note:** Run the ServiceHelpMaker.exe for both DNS and Windows Web Hosting.

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- 8 Using a text editor such as Notepad, manually edit all instances of the **web.config** file at all levels with these instructions:
  - a Go to **C:\Program Files\Ensim\WEBppliance\cp\admin\ispadmin\web.config**; look for the variable **helpFilePath** under the tag **/configuration/ensim.wvh/pageFormat/menu** and change it to **"help/ispadmin/<language directory name>"**. Also change the variable **helpFilePathRes** to **"help/resadmin/<language directory name>"**, where **<language\_directory>** refers to the directory name for the selected language. For the complete list of languages and corresponding directory names, see the language and directory name table ("[Languages and directory names](#)" on page 12).
  - b Go to **C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\web.config**; look for the variable **helpFilePath** under the tag **/configuration/ensim.wvh/pageFormat/menu** and change it to **"help/siteadmin/<language directory name>"**.
  - c Go to **C:\Program Files\Ensim\WEBppliance\cp\admin\useradmin\web.config**; look for the variable **helpFilePath** under the tag **/configuration/ensim.wvh/pageFormat/menu** and change it to **"help/useradmin/<language directory name>"**.



- d Go to the following locations and edit each instance of the **web.config** file to change the variable **helpFilePath** as described in Step a, Step b, and Step c above. Also change the variable **helpIDPath** to "**help/<level name>/<language directory name>/Services/<service>/<version>/helpData.xml**", where **<level name>** is one of **ispadmin**, **resadmin**, **siteadmin**, or **useradmin**.

**Important:** Do not change the **helpIDPath** variable if the location it points to is the same as the location in which the **web.config** file is present.  
For example, if the **web.config** file is located in **C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\services\WebHosting** and **helpIDPath="/siteadmin/services/webhosting/helpData.xml"**, then do not change the **helpIDPath** variable.

**web.config** under **ispadmin** directory

- C:\Program Files\Ensim\WEBppliance\cp\admin\ispadmin\serviceComponents\frontpage\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\ispadmin\serviceComponents\msdns\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\ispadmin\serviceComponents\w3svc\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\ispadmin\services\WebHosting\web.config

**web.config** under **siteadmin** directory

- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\filemanager\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\frontpage\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\mail\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\msde\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\msdns\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\msftp\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\mysql\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\odbc\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\powertools\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\Urchin\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\w3svc\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\serviceComponents\webalizer\web.config



- C:\Program Files\Ensim\WEBppliance\cp\admin\siteadmin\services\WebHosting\web.config  
web.config under useradmin directory
- C:\Program Files\Ensim\WEBppliance\cp\admin\useradmin\ServiceComponents\frontpage\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\useradmin\ServiceComponents\mail\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\useradmin\ServiceComponents\msftp\web.config
- C:\Program Files\Ensim\WEBppliance\cp\admin\useradmin\ServiceComponents\w3svc\web.config

9 Access and use the Ensim Pro service-specific Help.

## Languages and directory names

The following table provides a complete list of languages and corresponding directory names.

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
Afrikaans	af
Afrikaans (South Africa)	af-ZA
Albanian	sq
Albanian (Albania)	sq-AL
Arabic	ar
Arabic (Algeria)	ar-DZ
Arabic (Bahrain)	ar-BH
Arabic (Egypt)	ar-EG
Arabic (Iraq)	ar-IQ
Arabic (Jordan)	ar-JO
Arabic (Kuwait)	ar-KW
Arabic (Lebanon)	ar-LB
Arabic (Libya)	ar-LY
Arabic (Morocco)	ar-MA
Arabic (Oman)	ar-OM
Arabic (Qatar)	ar-QA
Arabic (Saudi Arabia)	ar-SA



**Table 2. Complete list of languages and directory names**

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
Arabic (Syria)	ar-SY
Arabic (Tunisia)	ar-TN
Arabic (U.A.E.)	ar-AE
Arabic (Yemen)	ar-YE
Armenian	hy
Armenian (Armenia)	hy-AM
Azeri	az
Azeri (Cyrillic) (Azerbaijan)	az-AZ-Cyrl
Azeri (Latin) (Azerbaijan)	az-AZ-Latn
Basque	eu
Basque (Basque)	eu-ES
Belarusian	be
Belarusian (Belarus)	be-BY
Bulgarian	bg
Bulgarian (Bulgaria)	bg-BG
Catalan	ca
Catalan (Catalan)	ca-ES
Chinese (Hong Kong S.A.R.)	zh-HK
Chinese (Macau S.A.R.)	zh-MO
Chinese (People's Republic of China)	zh-CN
Chinese (Simplified)	zh-CHS
Chinese (Singapore)	zh-SG
Chinese (Taiwan)	zh-TW
Chinese (Traditional)	zh-CHT
Croatian	hr
Croatian (Croatia)	hr-HR
Czech	cs
Czech (Czech Republic)	cs-CZ
Danish	da
Danish (Denmark)	da-DK



**Table 2. Complete list of languages and directory names**

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
Divehi	div
Divehi (Maldives)	div-MV
Dutch	nl
Dutch (Belgium)	nl-BE
Dutch (Netherlands)	nl-NL
English	en
English (Australia)	en-AU
English (Belize)	en-BZ
English (Canada)	en-CA
English (Caribbean)	en-CB
English (Ireland)	en-IE
English (Jamaica)	en-JM
English (New Zealand)	en-NZ
English (Republic of the Philippines)	en-PH
English (South Africa)	en-ZA
English (Trinidad and Tobago)	en-TT
English (United Kingdom)	en-GB
English (United States)	en-US
English (Zimbabwe)	en-ZW
Estonian	et
Estonian (Estonia)	et-EE
Faroese	fo
Faroese (Faroe Islands)	fo-FO
Farsi	fa
Farsi (Iran)	fa-IR
Finnish	fi
Finnish (Finland)	fi-FI
French	fr
French (Belgium)	fr-BE
French (Canada)	fr-CA
French (France)	fr-FR



**Table 2. Complete list of languages and directory names**

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
French (Luxembourg)	fr-LU
French (Principality of Monaco)	fr-MC
French (Switzerland)	fr-CH
FYRO Macedonian	mk
FYRO Macedonian (Former Yugoslav Republic of Macedonia)	mk-MK
Galician	gl
Galician (Galician)	gl-ES
Georgian	ka
Georgian (Georgia)	ka-GE
German	de
German (Austria)	de-AT
German (Germany)	de-DE
German (Liechtenstein)	de-LI
German (Luxembourg)	de-LU
German (Switzerland)	de-CH
Greek	el
Greek (Greece)	el-GR
Gujarati	gu
Gujarati (India)	gu-IN
Hebrew	he
Hebrew (Israel)	he-IL
Hindi	hi
Hindi (India)	hi-IN
Hungarian	hu
Hungarian (Hungary)	hu-HU
Icelandic	is
Icelandic (Iceland)	is-IS
Indonesian	id
Indonesian (Indonesia)	id-ID
Invariant Language (Invariant Country)	
Italian	it



**Table 2. Complete list of languages and directory names**

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
Italian (Italy)	it-IT
Italian (Switzerland)	it-CH
Japanese	ja
Japanese (Japan)	ja-JP
Kannada	kn
Kannada (India)	kn-IN
Kazakh	kk
Kazakh (Kazakhstan)	kk-KZ
Konkani	kok
Konkani (India)	kok-IN
Korean	ko
Korean (Korea)	ko-KR
Kyrgyz	ky
Kyrgyz (Kyrgyzstan)	ky-KZ
Latvian	lv
Latvian (Latvia)	lv-LV
Lithuanian	lt
Lithuanian (Lithuania)	lt-LT
Malay	ms
Malay (Brunei Darussalam)	ms-BN
Malay (Malaysia)	ms-MY
Marathi	mr
Marathi (India)	mr-IN
Mongolian	mn
Mongolian (Mongolia)	mn-MN
Norwegian	no
Norwegian (Bokmål) (Norway)	nb-NO
Norwegian (Nynorsk) (Norway)	nn-NO
Polish	pl
Polish (Poland)	pl-PL
Portuguese	pt





**Table 2. Complete list of languages and directory names**

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
Portuguese (Brazil)	pt-BR
Portuguese (Portugal)	pt-PT
Punjabi	pa
Punjabi (India)	pa-IN
Romanian	ro
Romanian (Romania)	ro-RO
Russian	ru
Russian (Russia)	ru-RU
Sanskrit	sa
Sanskrit (India)	sa-IN
Serbian (Cyrillic) (Serbia)	sr-SP-Cyrl
Serbian (Latin) (Serbia)	sr-SP-Latn
Slovak	sk
Slovak (Slovakia)	sk-SK
Slovenian	sl
Slovenian (Slovenia)	sl-SI
Spanish	es
Spanish (Argentina)	es-AR
Spanish (Bolivia)	es-BO
Spanish (Chile)	es-CL
Spanish (Colombia)	es-CO
Spanish (Costa Rica)	es-CR
Spanish (Dominican Republic)	es-DO
Spanish (Ecuador)	es-EC
Spanish (El Salvador)	es-SV
Spanish (Guatemala)	es-GT
Spanish (Honduras)	es-HN
Spanish (Mexico)	es-MX
Spanish (Nicaragua)	es-NI
Spanish (Panama)	es-PA
Spanish (Paraguay)	es-PY



**Table 2. Complete list of languages and directory names**

<b>Language</b>	<b>Directory name</b> <i>&lt;language_directory&gt;</i>
Spanish (Peru)	es-PE
Spanish (Puerto Rico)	es-PR
Spanish (Spain)	es-ES
Spanish (Uruguay)	es-UY
Spanish (Venezuela)	es-VE
Syriac	syr
Syriac (Syria)	syr-SY
Swahili	sw
Swahili (Kenya)	sw-KE
Swedish	sv
Swedish (Finland)	sv-FI
Swedish (Sweden)	sv-SE
Tamil	ta
Tamil (India)	ta-IN
Tatar	tt
Tatar (Russia)	tt-RU
Telugu	te
Telugu (India)	te-IN
Thai	th
Thai (Thailand)	th-TH
Turkish	tr
Turkish (Turkey)	tr-TR
Ukrainian	uk
Ukrainian (Ukraine)	uk-UA
Urdu	ur
Urdu (Islamic Republic of Pakistan)	ur-PK
Uzbek	uz
Uzbek (Cyrillic) (Uzbekistan)	uz-UZ-Cyrl
Uzbek (Latin) (Uzbekistan)	uz-UZ-Latn
Vietnamese	vi
Vietnamese (Viet Nam)	vi-VN



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For Ensim online support or feedback, use the following links:

- <http://support.ensim.com> to create an Ensim Support account and access other documentation.
- <https://onlinesupport.ensim.com> to log in to Ensim Support using an existing account
- [http://onlinesupport.ensim.com/kb\\_search\\_sln.asp](http://onlinesupport.ensim.com/kb_search_sln.asp) to search the knowledge base
- <http://www.ensim.com/about/feedback.asp> to provide feedback to Ensim

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