Cubil18N

describe I18N support
Phase-Implementation

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Cubi Multi-language Support

Cubi provides a set of tools for developers to make language package. The following steps describe the flow of adding a new language in Cubi application.

- 1. Develop your module in English.
- 2. If the new language folder is not created under /cubi/languages/lang_code, create the folder and lang_code.xml. A new language can be created from the Language Management screen as well.
- 3. Use language generator tool to create a new language package
- 4. Edit the new language file
- 5. Test the new language package

Language generator tool

Language generator can be found at /cubi/bin/tools/gen_lang.php.

usage: php gen_lang.php [module] [locale] [translate]

Example: generate mainland Chinese language package

php gen_lang.php user zh_CN -t

Where "user" is the module name, "zh_CN" is the Chinese language code and "-t" enables translation with Google translator.

What the language generator does includes:

- 1. Scan and extract all translatable strings in
 - metadata files. E.g. "Title" of EasyForm, "Label" of Element ...
 - template files. {t}...{/t} declares the translatable strings in templates.
 - message files.
- 2. Put all translatable strings into /cubi/languages/lang_code/mod.module_name.ini that might contains 3 sections
 - METADATA
 - MESSAGE
 - TEMPLATES
- 3. If "-t" is given in the command line, google translate API will be invoked to auto-translate the strings

Language Management module

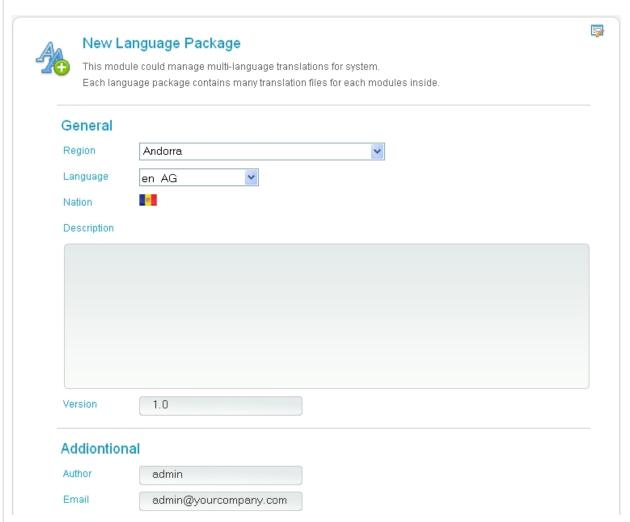
Language Management module can help users to

- Create a new language folder including land_code.xml and module.xml files (copied from English language pack)
- Edit translation text

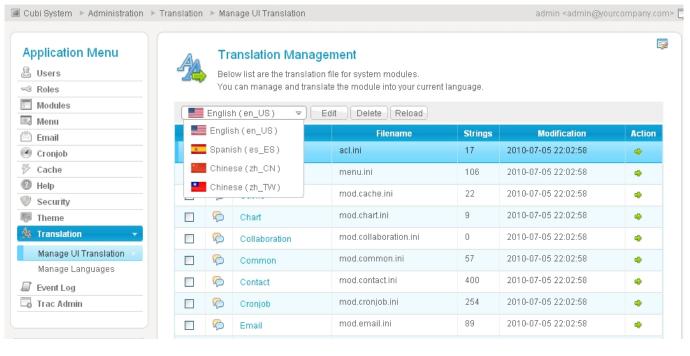
Manage languages



Create a new language package



Manage language translations



Edit language translation



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