

# Building Multilingual Sites using Drupal

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# Agenda

- Drupal's Translation Framework
- Installation of necessary modules
- Translation of Core Drupal
- Translation of Contributed Modules
- Demo of different modules required for localization



# Drupal's Translation Framework

- i18n – Internationalization
- l10n - localization
- Unicode
- UTF – Unicode Transformation Format
- GNU gettext framework



# Requirement

- Government Policies
- Various Application requirements
- “Don't you think you would simply love seeing your computer screen showing a lot less of English, and far more of your own language”



# Translation Packages

- Listing of all languages

<http://drupal.org/project/Translations>

- Gujararti Translation Package

<http://drupal.org/project/gu>

- Core Drupal Translation templates

<http://drupal.org/project/drupal-pot>



# Required Modules

- Locale – part of core drupal
- i18n - <http://drupal.org/project/i18n>
- Language icons -  
<http://drupal.org/project/languageicons>
- Localization client [http://drupal.org/project/l10n\\_client](http://drupal.org/project/l10n_client)
- Translation Overview  
[http://drupal.org/project/translation\\_overview](http://drupal.org/project/translation_overview)
- Translation template extractor - <http://drupal.org/project/potx>



# Locale Module

- Language Selection at Start of Installer
- Fully localized installer, imports translation for all enabled modules
- Automated translation import when
  - New Language is enabled
  - Module is installed
  - Theme is installed



# i18n Module

- Collection of modules
- Language selection block to switch the language
- Browser language detection
- Multilingual Content
- Multilingual Taxonomy
- Translatable Profile Fields



# Other Modules

- Language icons
  - provides icons for language links
- Localization client
  - on-page localization editor interface
- Translation Overview
  - comprehensive view of your content translation status
- Translation template extractor
  - command line and web based Gettext translation template extractor

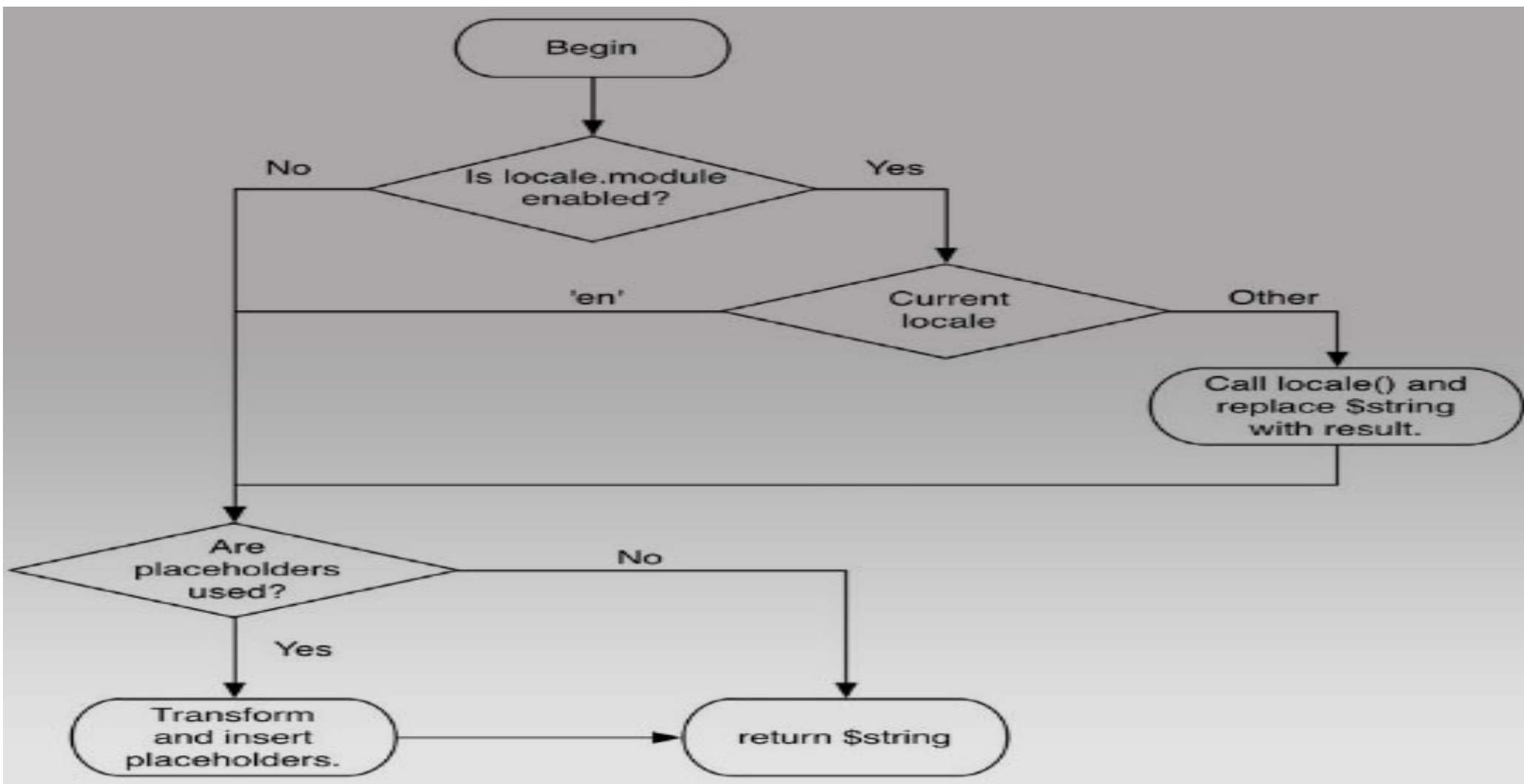


# Demo

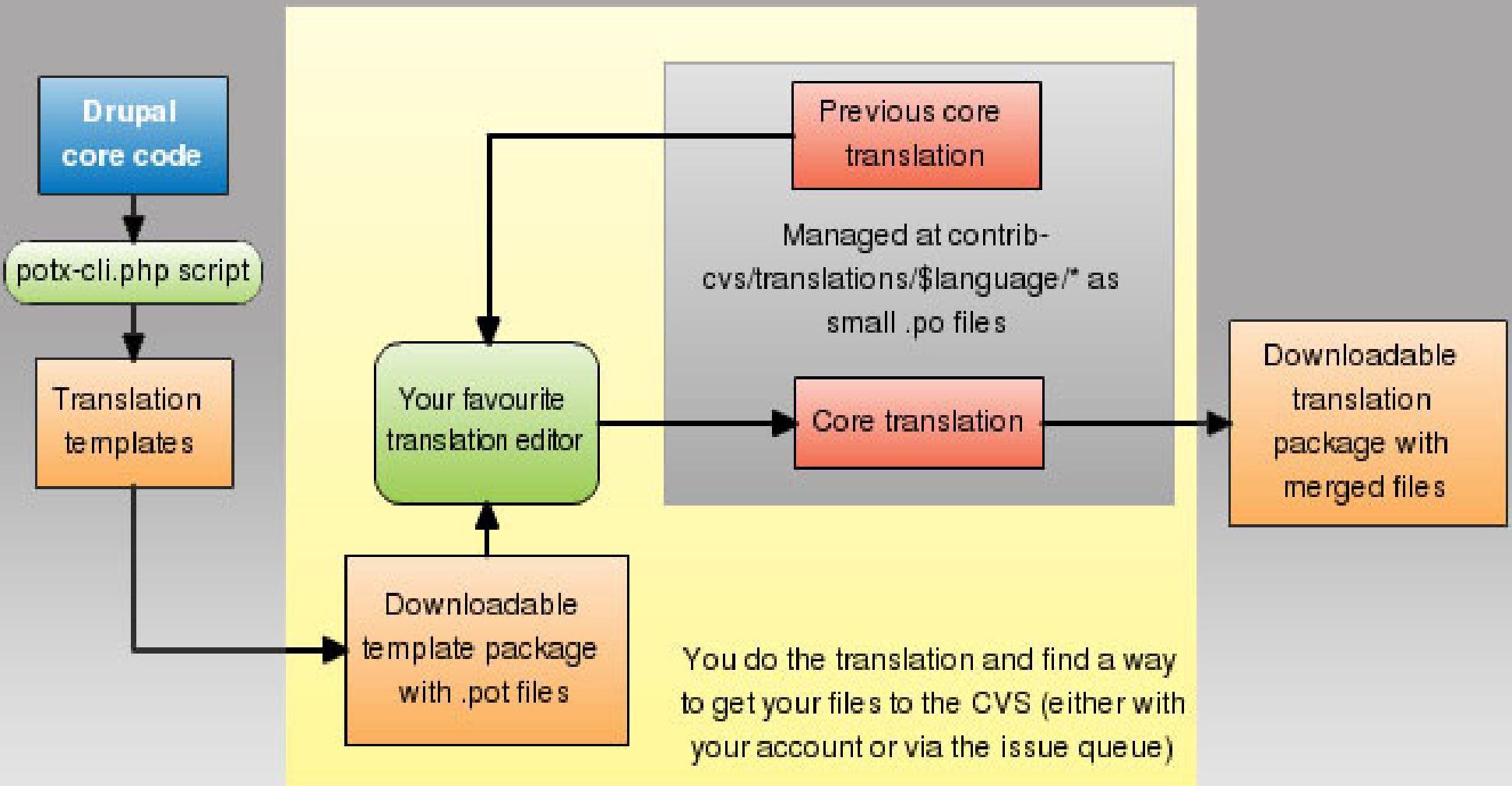
- Drupal installation in other languages
- Install different modules
- Working of different modules
- Different methods for translation
- Pot and po files structure



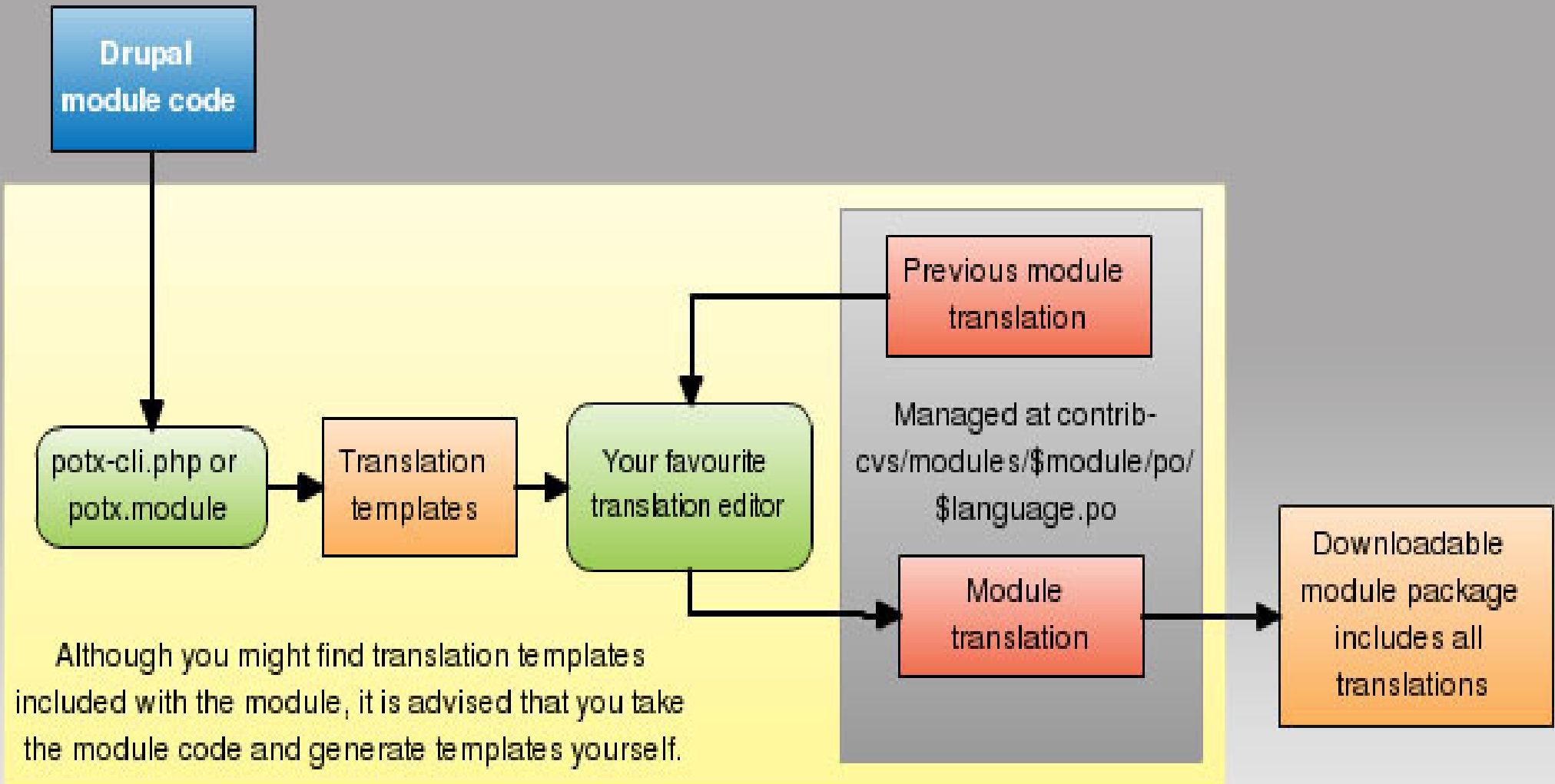
# t()'s Work Flow



# Core Process



# Contrib Process



# Packaging Format

- drupal-6.3
  - includes
  - + misc
  - modules
    - aggregator
      - translations
    - block
      - translations
    - blog
      - translations
    - + blogapi
    - + book
    - + color
    - + comment
    - + contact
- profiles
  - default
    - translations
  - scripts
- sites
  - all
    - modules
      - author\_taxonomy
        - translations
    - default
  - themes
    - bluemarine
    - + chameleon
    - + engines
    - + garland
    - pushbutton
      - translations



# Further Readings

- Translator's guide
  - <http://drupal.org/translators>
- Feature overview
  - <http://drupal.org/node/133978>
- Internationalization handbook.
  - <http://drupal.org/node/133977>



Questions ?

Thanks

