



DRUPALCON LONDON

Multilingual Drupal solutions: use cases and modules

Presented by Jose Reyero and Florian Loretan

Hi

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#dci18n

Why are multilingual solutions important?





Why are multilingual solutions difficult?



Business Logic

Every case is different

Multilinguality affects:

- Content creation
- Content storage
- Content moderation
- Content editing
- Content listing
- Content display
- ...

Languages just don't
work that way









Concepts:

Localization

Localisation



Translation



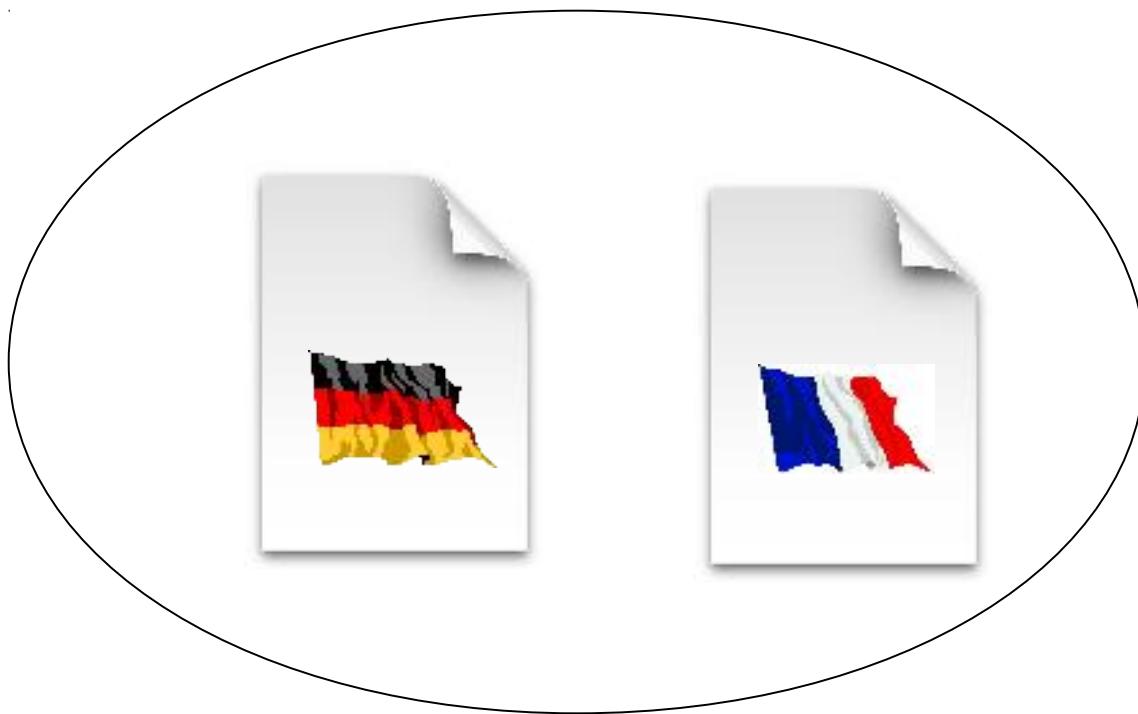
Language negotiation



Content selection



Translation sets



Content translation workflow

Features (break down)

- User Interface
 - Language detection
 - Language switcher
 - Language / translation links
 - On page translation
 - Translation per language
- Structure
 - Block visibility per language
 - Block translation
 - Menu items per language
 - Localizable menu items

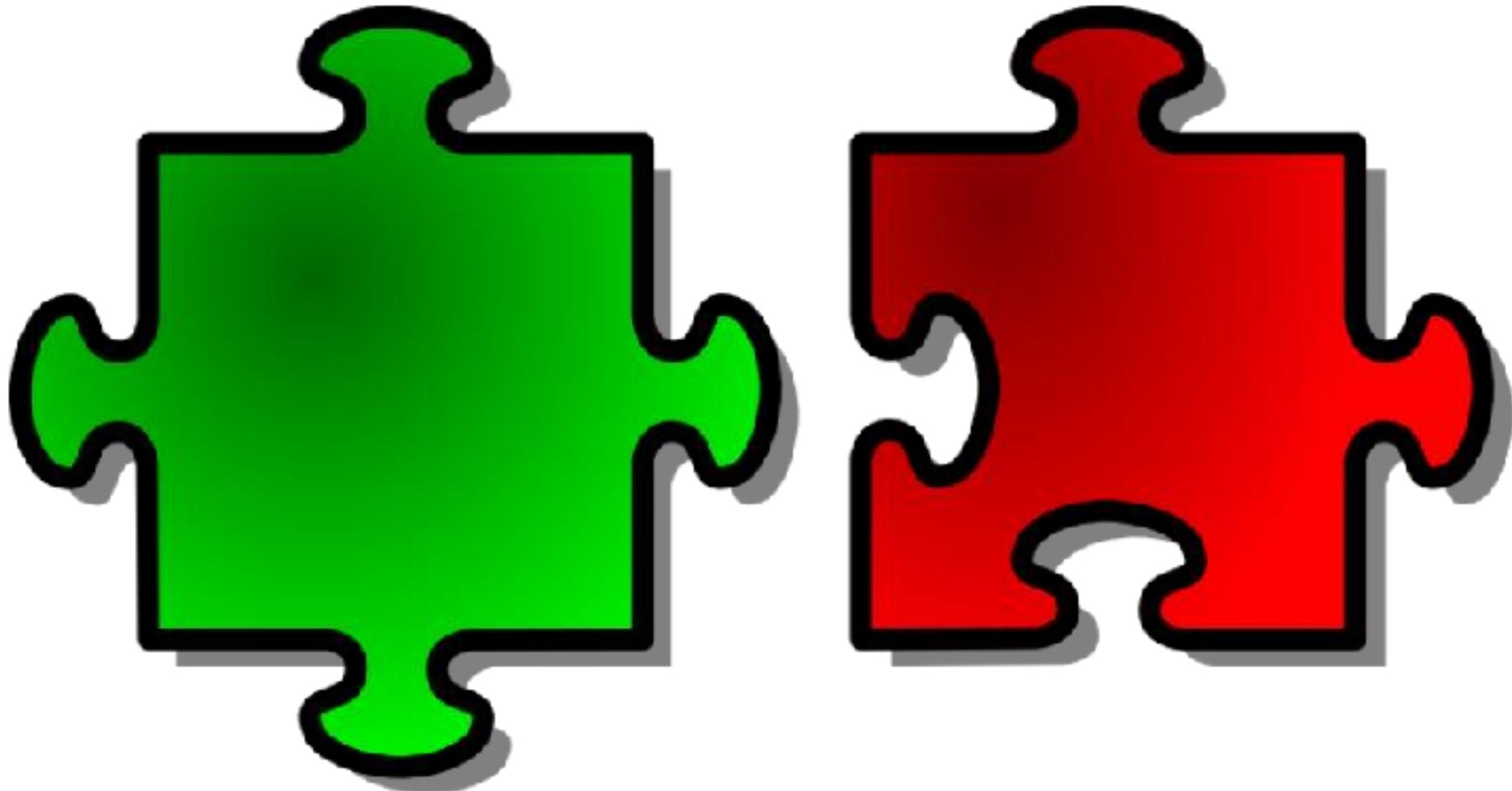
Features

- Content (nodes)
 - Different content per language
 - Translated content
 - Field translation
 - Field synchronization
 - Translation workflow
 - Language selection
- Taxonomy
 - Translated / different terms per language
 - Localizable terms
 - Multilingual tagging

Use Case #1: A multilingual blog

When you write
and translate -or not- everything

One site, two languages



Multilingual blog - Features

- Posts in two languages without translation
- Static pages in two languages with translation
- One main menu per language
- Simple multilingual taxonomy
- Simple node listings per language
- Language selector with icons

- Berlin Internationalization sprint or How i18n got some fresh blood and a sexy facelift
- Heading to Berlin - Drupal Internationalization Sprint May 15th
- How would a Drupal multilingual solution look like?
- Multilanguage for Drupal 7: Internationalization module (i18n beta)
- Brussels Drupal Day Days - Internationalization for Drupal 7
- Feliz Drupal 7 (y Navidad)
- Drupal, D7UX, and the 80% minority.
- Drupal.org - It's all about size.
- Parking for Drupalcon Paris
- Drupal: One core, many distributions
- Packaging Drupal translations: a proposal
- Seguridad en la Web - Fuentes
- Facebook vs Google (Wave)
- DrupalCon Washington DC 2010

This is Jose A Reyero's home page. I work as a Freelance IT Consultant on web development. I am a Drupal core developer and author and maintainer of modules like Internationalization. Here you can find my latest posts and information about my work on Drupal, Social Networks, Semantic Web, Internationalization and Web Technology in general.



Berlin Internationalization sprint or How i18n got some fresh blood and a sexy facelift

When I first heard of the idea of doing a Drupal Internationalization code sprint from Karsten Frohwlein I thought that though being a good idea, setting up such an event was so difficult and would take so much time an energy that we'd had little chances to get it done. It is certainly hard to find the time, the place, get together all the people from different countries and get something started.



It happens sometimes that good ideas become reality. So first of all, big thanks to the sprint organizers who were able to put everything together to help a team of 20 people from several countries to meet at some place and get something done. They kept everything going smoothly for us to be able to focus on what we like to do: Building great Drupal code that we are going to use later to build great internet sites.

3 comments [Read more](#)

i18n

Heading to Berlin - Drupal Internationalization Sprint - May 15th

- Nada nuevo bajo el sol eclipsado por el Copyright
- Feliz Drupal 7 (y Navidad)
- Wikisucks: Salve la libertad defendiendo la de los demás
- Gestores de contenido Web: Wordpress y Drupal
- Ponencias y Cursos
- Construyendo el futuro: Distributions y Productos basados en Drupal
- A mi Macbook le gusta Ubuntu
- En defensa de los derechos fundamentales en Internet
- Packing for Drupalcon Paris
- Un curso de Seguridad en la Web
- Seguridad en la Web - Fuentes
- Bienvenido a Open Alrium
- El mejor SEO para Google (y para el mundo)
- El iPhone y otros bichos y Movistar [?]
- Quedada de Drupal en Madrid
- Ubuntu Intrepid en HP Pavilion dv8000
- DrupalCon Washington DC

Este es el sitio web de Jose A. Reyero. Trabajo como **Consultor Freelance de Web e Internet**. Soy desarrollador de **Drupal** y el autor de módulos como Internationalization. Aquí puedes encontrar artículos e información sobre Drupal y sobre mi trabajo en el ámbito de la Web Semántica, Redes Sociales, Internacionalización y Tecnología Web en general.



Nada nuevo bajo el sol eclipsado por el Copyright

Esto es una traducción de *Nothing New Under The Copyright-Eclipsed Sun*, de Rick Falkvinge.



La industria del copyright ha utilizado los mismos trucos y retórica a lo largo de 500 años, además de ser aficionados a intentar reescribir la historia. Pero el relato de los libros de historia difiere claramente de lo que la industria del copyright está intentando pintar.

Cuando la Imprenta llegó en 1453, copista era una profesión en gran demanda. La Peste Negra había causado un gran número de bajas en los monasterios, que no habían sido cubiertas todavía, de ahí que la copia de libros fuera cara.

Retirar a los antiguos copistas no era una opción que le gustase a la Iglesia Católica, quién intentó prohibir la Imprenta con crueles castigos, incluida la pena de muerte por usarla para copiar libros.

“¿Cómo cobrarán los monjes?”, argumentaban para justificarlo. Aún así, ni siquiera la pena de muerte pudo parar el copiado.

4 comments [Read more](#)

Cultura Libre

User roles

One user = Site admin = Content writer = Translator

1 lazy user

Simple workflow

Edit & translate everything:
settings, menus, taxonomy

Most content has a language
but
Not all content has translation.

Write today,
translate next month.

Translate site information (variables)

Home > Administration > Configuration > System

Site information

There are multilingual variables in this form.

Check you are editing the variables for the right language or select the desired one. To enable more multilingual variables visit multilingual variables configuration.

Select language

[English](#) | [Español](#)

Site details

Site name *

reyero.net

This is a multilingual variable.

Slogan

IT Consulting - Web development - Drupal

How this is used depends on your site's theme. **This is a multilingual variable.**

E-mail address *

[REDACTED]

Translate site information

Home > Administration > Configuration > System

Site information

There are multilingual variables in this form.

Check you are editing the variables for the right language or select the desired one. To enable more multilingual variables visit [multilingual variables configuration](#).

Select language

[English](#) | [Español](#)

Site details

Site name *

reyero.net

This is a multilingual variable.

Slogan

Consultoría - Desarrollo Web - Drupal

How this is used depends on your site's theme. This is a multilingual variable.

E-mail address *

Content translation strategy

Most content has language

Content with translation

Content without translation

No need complex workflow

Simple content selection

Book pages = static content

Blog posts = different audiences

Translate any time

Display current language

Translate book page

Home > About...

Translations of *About...*

View

Edit

Outline

Track

Translate

Translations of a piece of content are managed with translation sets. Each translation set has one source post and any number of translations in any of the enabled languages. All translations are tracked to be up to date or outdated based on whether the source post was modified significantly.

Language	Title	Status	Operations
English	About...	Published	edit
Español (source)	Acerca de...	Published	edit

Select translations for *About...*

Alternatively, you can select existing nodes as translations of this one or remove nodes from this translation set. Only nodes that have the right language and don't belong to other translation set will be available here.

Español

Acerca de... [nid:31]



Update translations

Flexible structure & Navigation

Menus

One menu for every language

Taxonomy
Listings

Localized terms
1. Create terms default language
2. Translate if needed

Listing content

Filter by term + current language

One English menu

Home > Administration > Structure > Menus

Main menu [List links](#) [Edit menu](#) [Translate](#)

[Add link](#) [Show row weights](#)

Menu link	Enabled	Operations
⊕ Home	<input checked="" type="checkbox"/>	edit delete
⊕ Portfolio	<input checked="" type="checkbox"/>	edit delete
⊕ Curriculum	<input checked="" type="checkbox"/>	edit delete
⊕ Ponencias y Cursos	<input checked="" type="checkbox"/>	edit delete
⊕ Contact	<input checked="" type="checkbox"/>	edit delete
⊕ About...	<input checked="" type="checkbox"/>	edit delete

[Save configuration](#)

One Spanish menu

Home > Administration > Structure > Menus

Main menu (Spanish)

List links Edit menu Translate

Add link Show row weights

Menu link	Enabled	Operations
⊕ Inicio	<input checked="" type="checkbox"/>	edit delete
⊕ Trabajos	<input checked="" type="checkbox"/>	edit delete
⊕ Curriculum	<input checked="" type="checkbox"/>	edit delete
⊕ Contacto	<input checked="" type="checkbox"/>	edit delete
⊕ Acerca de...	<input checked="" type="checkbox"/>	edit delete

Save configuration

Localize taxonomy terms

Home > Administration > Structure > Taxonomy > Etiquetas

Etiquetas

List Edit Manage fields Manage display Translate

Name *
Etiquetas

Machine name: vocabulary_5 [Edit]

Description
Etiquetas para mis artículos

▼ Multilingual options

Translation mode

- No multilingual options for terms. Only the vocabulary will be translatable.
- Localize. Terms are common for all languages, but their name and description may be localized.
- Translate. Different terms will be allowed for each language and they can be translated.
- Fixed Language. Terms will have a global language and they will only show up for pages in that language.

For localizable elements, to have all items available for translation visit the translation refresh page.

Languages

- English
- Español

Drupal

View

Edit

Translate

Name *

Drupal

Description

Artículos relacionados con Drupal

More information about text formats **Text format**

Plain Text

- Allowed HTML tags: <a> <cite> <blockquote> <code> <dl> <dt> <dd>

URL alias

drupal

Optionally specify an alternative URL by which this term can be accessed. Use a relative path and don't add a trailing slash or the URL alias won't work.

→ Relations

Save**Save and translate****Delete****Languages**

- English
- Español

Translate taxonomy term

Home > Drupal

Translate to English View Edit **Translate**

Name
Drupal

Description
Articles related to Drupal

Text format: Plain Text

Allowed HTML tags: <a> <cite> <blockquote> <code> <dl> <dt> <dd>

Save translation

Languages

English
 Español

@ Jose A. Reyero, 2006
www.reyero.net

Translation UI

Single user

Write and translate everything

Most flexibility

Translate as you go

Create / Edit / Translate

As close as possible

Translate contact category (I)

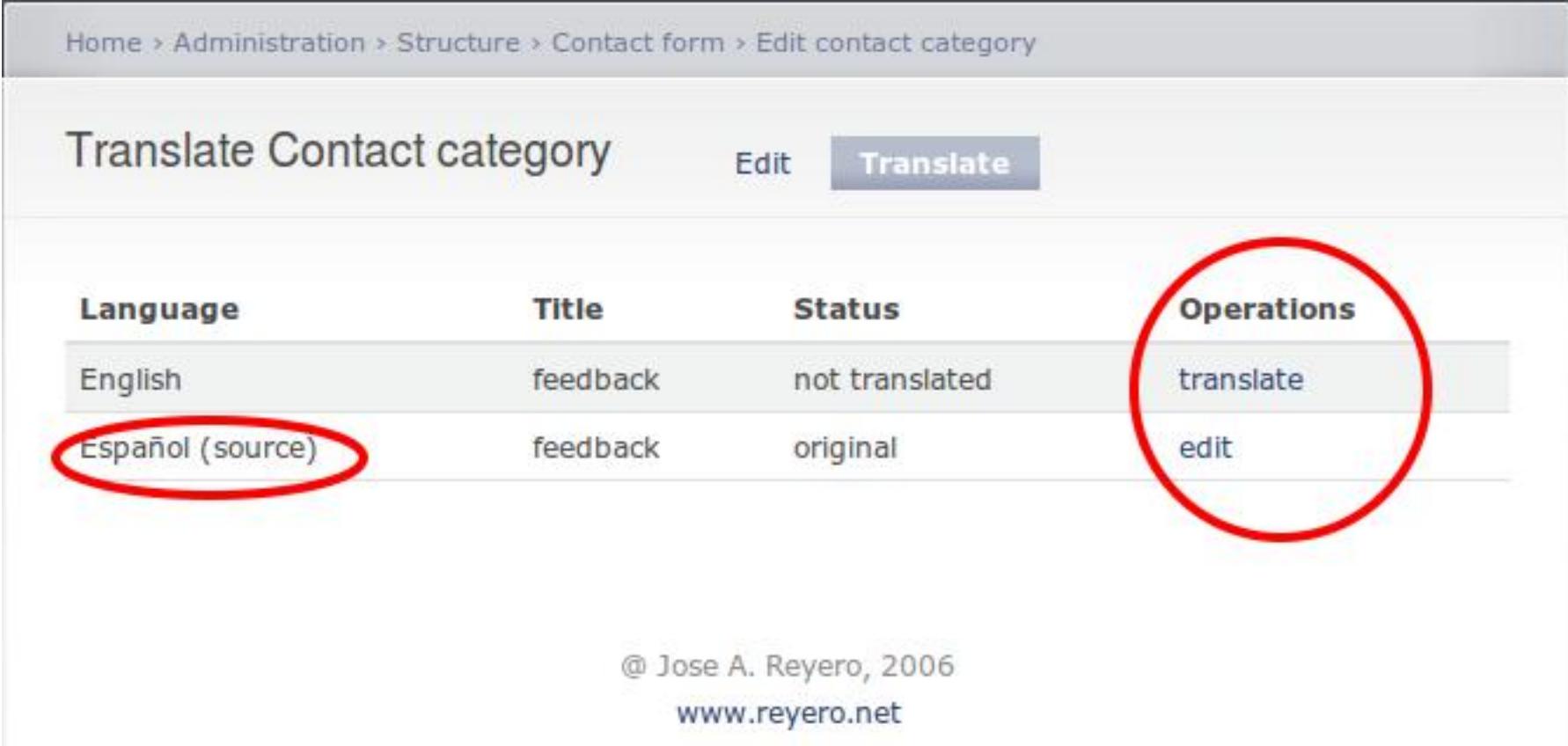
Home > Administration > Structure > Contact form > Edit contact category

Translate Contact category

Edit Translate

Language	Title	Status	Operations
English	feedback	not translated	translate
Español (source)	feedback	original	edit

@ Jose A. Reyero, 2006
www.reyero.net



Translate contact category (II)

Home > Administration > Structure > Contact form > Edit contact category

Translate to English [Edit](#) [Translate](#)

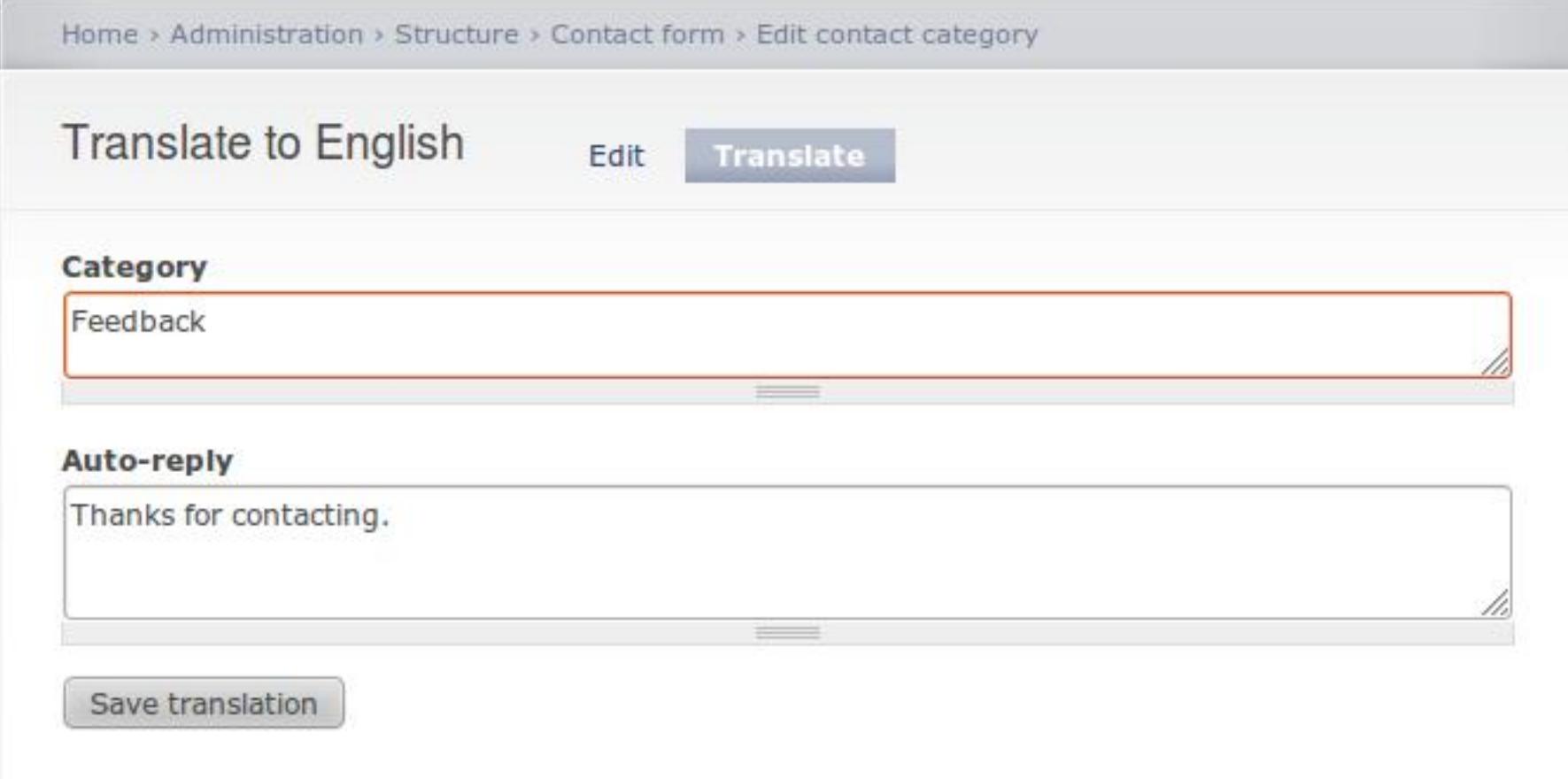
Category

Feedback

Auto-reply

Thanks for contacting.

[Save translation](#)



Want a install profile?

(Yes, me too)

Simple Multilingual Blog

<http://drupal.org/project/i18nblog>

(needs your help)

Use case #2: A multilingual brochure site

100% translated



Rosetta Stone, 193 B.C. - 3 languages, 100% translated



Bootstrap Lego at DrupalCon London



WUNDERKRAUT – WE LOVE DRUPAL

Wunderkraut makes your Drupal projects a success:

With consulting by the experts. With our Drupal training. As your reliable implementation partner incorporating professional methods. And with Drupal, the world's most successful allround open source CMS!

WHAT'S NEW?

[Wunderkraut at the DrupalCon – play BOOTSTRAP-LEGO with us!](#)

Wunderkraut is present at the DrupalCon with a silver sponsor table. The "catch... - 23.08.

[We are supporting the i18n sprint camp in Berlin](#)
From the 11. until the 15. of May the i18n sprint camp will take place in... - 09.05.

Feature Hats

Reduce merge conflicts with features in distributed teams. - 05.05.

Generating realistic test content

Make test content nicer by adding real images and other goodies. - 07.05.

UPCOMING EVENTS

- [Drupal Commerce Camp](#)
2011-09-02 09:00 - 2011-09-04 09:00
- [Drupal Social Networking Stammtisch](#)
2011-09-07 19:00
- [Drupalcity - DrupalCamp Berlin](#)
2011-09-17 09:00 - 2011-09-18 09:00



I'LL BE
VISITING
BRUNNEN CITY

DRUPAL CAMP BERLIN
SEPT 12-13, 2011

CO SPONSOR



commerce

DRUPAL CAMP

switzerland 2-4 Sept. 2011

SILVER
SPONSOR



DRUPALCON
LONDON

12 - 16 AUGUST 2011

Submission form settings

Title

Publishing options

Published , Create new revision

Display settings

Don't display post information

Comment settings

Hidden, Threading , 50 comments per page

Diff

Multilingual settings

Menu settings

Synchronize translations

Default options

Published

Promoted to front page

Sticky at top of lists

Create new revision

Users with the *Administer content* permission will be able to override these options.

Multilingual support

Disabled

Enabled

Enabled, with translation

Enable multilingual support for this content type. If enabled, a language selection field will be added to the editing form, allowing you to select from one of the [enabled languages](#). You can also turn on translation for this content type, which lets you have content translated to any of the installed languages. If disabled, new posts are saved with the default language. Existing content will not be affected by changing this option.

Submission form settings

Title

Publishing options

Published , Create new revision

Display settings

Don't display post information

Comment settings

Hidden, Threading , 50 comments per page

Diff

Multilingual settings

Menu settings

Synchronize translations

Select which fields to synchronize for all translations of this content type.

Standard node fields

Comment settings

Author

Status

Promote

Moderate

Sticky

Revision

Create also new revision for translations

Configurable fields

Body

Tags

Splash Image

settings	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bypass Mollom protection on forms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
View Mollom statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Multilingual content				
Administer content translations Add or remove existing content to translation sets.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Node				
Bypass content access control View, edit and delete all content regardless of permission restrictions. <i>Warning: Give to trusted roles only; this permission has security implications.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Administer content types				
<i>Warning: Give to trusted roles only; this permission has security implications.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Administer content				

MENU LINK		ENABLED	OPERATIONS
⊕ Schulungen	de	<input checked="" type="checkbox"/>	edit delete
⊕ Trainings	en	<input checked="" type="checkbox"/>	edit delete
⊕ Services	de	<input checked="" type="checkbox"/>	edit delete
⊕ Services	en	<input checked="" type="checkbox"/>	edit delete
⊕ Blog	neutral	<input checked="" type="checkbox"/>	edit reset
⊕ Team	de	<input checked="" type="checkbox"/>	edit delete
⊕ Team	en	<input checked="" type="checkbox"/>	edit delete
⊕ Über uns	de	<input checked="" type="checkbox"/>	edit delete
⊕ About	en	<input checked="" type="checkbox"/>	edit delete

Submission form settings

Title

Publishing options

Published , Create new revision

Display settings

Don't display post information

Comment settings

Hidden, Threading , 50 comments per page

Diff

Multilingual settings

Menu settings

Synchronize translations

Default options

Published

Promoted to front page

Sticky at top of lists

Create new revision

Users with the *Administer content* permission will be able to override these options.

Multilingual support

Disabled

Enabled

Enabled, with translation

Enable multilingual support for this content type. If enabled, a language selection field will be added to the editing form, allowing you to select from one of the [enabled languages](#). You can also turn on translation for this content type, which lets you have content translated to any of the installed languages. If disabled, new posts are saved with the default language. Existing content will not be affected by changing this option.

TODO: entity_translation

Use case #3: A multilingual community

Translating documentation and
multilingual forum.

Features

Static pages. Translated.

News and articles. May be translated.

Multilingual forum. Untranslated.

Multilingual taxonomy for tagging.

Handbook pages. To be translated.

Translation workflow.

Translation teams.

Multilingual user profiles.

Multilingual scrabble



Multilingual Scrabble <http://flickr.com/photos/urbanmkr/354776635/>

Multilingual handbook

Handbook pages with translation.
Content writers vs. translators.

Translation workflow:

- What needs translation?
- Keeping track of translated / updated pages
- Translators focusing on one language

Extended options for languages

- Interface languages
- Content languages

Extended language options

Describe this content type. The text will be displayed on the *Add new content* page.

Submission form settings Title	Extended multilingual options provided by Internationalization module.
Publishing options Published , Promoted to front page	Extended language options <input type="checkbox"/> Set current language as default for new content. <input type="checkbox"/> Require language (Do not allow Language Neutral). <input checked="" type="checkbox"/> Lock language (Cannot be changed).
Display settings Display author and date information.	
Comment settings Open Threaded , 50 comments per page	Extended language support <input type="radio"/> Normal - All enabled languages will be allowed. <input checked="" type="radio"/> Extended - All defined languages will be allowed. <input type="radio"/> Extended, but not displayed All defined languages will be allowed for input, but not displayed in links.
Multilingual settings	If enabled, all defined languages will be allowed for this content type in addition to only enabled ones. This is useful to have more languages for content than for the interface.
Menu settings	
Synchronize translations	

Save content type **Delete content type**

Content translation strategy

All content has language

Content with translation

Book pages = handbook

Content without translation

News may be translated
(or not)

Need translation workflow

Track translation status

Need translator roles

Translators per language

Translation overview

Home > Administer > Content management

Translation overview

All en es hu it ja ko pl pt-br th zh-hans zh-hant

The table uses the following symbols to indicate the translation status: ○ Original language, □ Current translation, ■ Out-of-date translation, ♦ Untranslated.

Title	Type	Created	en	es	hu	it	ja	ko	pl	pt-br	th	zh-hans	zh-hant
A	tech	4 Apr 2008	○	■	■	□	■	□	■	■	■	□	□
A o...	product	3 Apr 2008	○	□	□	□	■	□	□	■	□	□	□
A ...	product	3 Apr 2008	○	□	□	□	■	□	□	■	□	□	□
A .V	product	3 Apr 2008	○	□	□	□	■	□	□	■	□	□	□
E .I	product	5 Apr 2008	○	■	■	■	■	■	□	■	■	□	□
Fact She...	story	7 Apr 2008	○	■	■	■	■	■	■	■	■	□	■
	tech	4 Apr 2008	○	■	■	□	■	□	■	■	■	□	□
F ...	story	16 Apr 2008	♦	♦	○	♦	♦	♦	♦	♦	♦	♦	♦
L r...	product	4 Apr 2008	○	■	■	□	■	□	■	■	■	□	□
L ...	tech	4 Apr 2008	○	■	■	□	■	□	■	■	■	□	□
L st...	product	4 Apr 2008	○	■	■	□	■	□	■	■	■	□	□
F m C...	product	3 Apr 2008	○	□	□	□	■	□	□	■	□	□	□
F lis	product	3 Apr 2008	○	□	□	□	■	□	□	■	□	□	□
F tra	product	3 Apr 2008	○	□	□	□	■	□	□	■	□	□	□
F 2	product	7 Apr 2008	○	■	■	■	■	□	■	■	■	□	□
F In...	story	7 Apr 2008	○	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

Language oriented translation UI

Home > Administration > Configuration > Regional and language > Translate interface

Translate interface • OVERVIEW TRANSLATE IMPORT STRINGS EXPORT

This page allows a translator to search for specific translated and untranslated strings, and is used when creating or editing translations. (Note: For translation tasks involving many strings, it may be more convenient to export strings for offline editing in a desktop Gettext translation editor.) Searches may be limited to strings found within a specific text group or in a specific language.

FILTER TRANSLATABLE STRINGS

String contains

Leave blank to show all strings. The search is case sensitive.

Language	Search in	Limit search to	Filter
Spanish	Both translated and untranslated	Taxonomy	

The 'Language' and 'Limit search to' dropdowns are circled in red.

TEXT GROUP	STRING	CONTEXT	LANGUAGES	OPTIONS
Built-in Interface	An AJAX HTTP error occurred. misc/drupal.js		zh-hans de pt-br es	edit delete
Built-in interface	HTTP Result Code: status misc/drupal.js		zh-hans de pt-br es	edit delete
Built-in Interface	An AJAX HTTP request terminated abnormally. misc/drupal.js		zh-hans de pt-br es	edit delete
Built-in	Debugging information follows.		zh-hans de pt-br	edit delete

Taxonomy strategy

Predefined vocabulary

Fixed terms can be created
by admins and then localized

WOMAN
FEMME

ମୁଖ୍ୟ

MULHER

MUJER

女

FRAUEN

සාම්ජන

WOMAN

ఆస్తిలు

DONNA

សාම්ජන

GYNAIKA

κυνήγε

ମୁହଁ ମ

ЖЕНЩИНА

ମୁହଁ

WENA

ମୁହଁ

WOMAN

HOMME

ମୁଖ୍ୟ

НОМЕР

HOMBRE

男

MÄNNER

සාම්ජන

HOMBRE

යାନ୍ତ୍ର

ମୁହଁ

СУДІЙСКІ

ମୁହଁ

ମୁହଁ

ମୁହଁ

ମୁହଁ

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Tagging strategy

Tagging vocabulary "Chaos"

=

Terms in multiple languages

Two step translation:

1. Create tags any language
2. Link or create translations

Tags can be created on any language

Multilingual taxonomy

Home > Administration > Structure > Taxonomy > Colors (translate)

Colors (translate) + LIST EDIT MANAGE FIELDS MANAGE DISPLAY TRANSLATE

Name *
Colors (translate) Machine name: colors [Edit]

Description
Colors in the world wide web.

MULTILINGUAL OPTIONS

Translation mode

No multilingual options for terms. Only the vocabulary will be translatable.

Localize. Terms are common for all languages, but their name and description may be localized.

Translate. Different terms will be allowed for each language and they can be translated.

Fixed language. Terms will have a global language and they will only show up for pages in that language.

For localizable elements, to have all items available for translation visit the [translation refresh](#) page.

Save Save and translate Delete

Colors (translate)

LIST

EDIT

MANAGE FIELDS

MANAGE DISPLAY

TRANSLATE

Terms

Translation sets

You can reorganize the terms in *Colors (translate)* using their drag and drop handles, and group terms under a parent term by sliding them under and to the right of the parent.

Colors (translate) is a full multilingual vocabulary. You will be able to set a language for each term and create translation relationships.

Add term

Show row weights

NAME	OPERATIONS
+ red (English)	edit
+ rojo (Spanish)	edit
+ rot (German)	edit
+ green (English)	edit
+ verde (Spanish)	edit
+ blue (English)	edit

Translation sets (terms)

Home » Administration » Structure » Taxonomy > Colors (translate)

Colors (translate) • LIST EDIT MANAGE FIELDS MANAGE DISPLAY TRANSLATE

Terms Translation sets

+ Create new translation

TITLE	ITEMS	CREATED	UPDATED	OPERATIONS
blue / azul / blau	blue azul blau	08/10/2011 14:18	08/19/2011 15:29	edit delete
weiß / blanco / white	weiß blanco white	07/11/2011 - 13:50	08/19/2011 - 15:27	edit delete
black / negro / schwarz	black negro schwarz	07/13/2011 - 11:17	08/19/2011 - 15:26	edit delete

Select / create term translations

Home

Edit translation

SELECT TRANSLATIONS

Select existing terms or type new ones that will be created for each language.

English
white

German
weiß

Spanish
banco

Save **Delete**

The screenshot shows a user interface for managing term translations. At the top, there's a navigation bar with 'Home' and 'Edit translation'. Below it is a section titled 'SELECT TRANSLATIONS' with a descriptive subtitle: 'Select existing terms or type new ones that will be created for each language.' There are three language sections: 'English' with the term 'white' and a radio button; 'German' with the term 'weiß' and a radio button; and 'Spanish' with the term 'banco' and a radio button. At the bottom are 'Save' and 'Delete' buttons.

Multilingual forum

?

Mixing comments in multiple languages?

One thread per language?

One forum per language
(forum container = taxonomy)

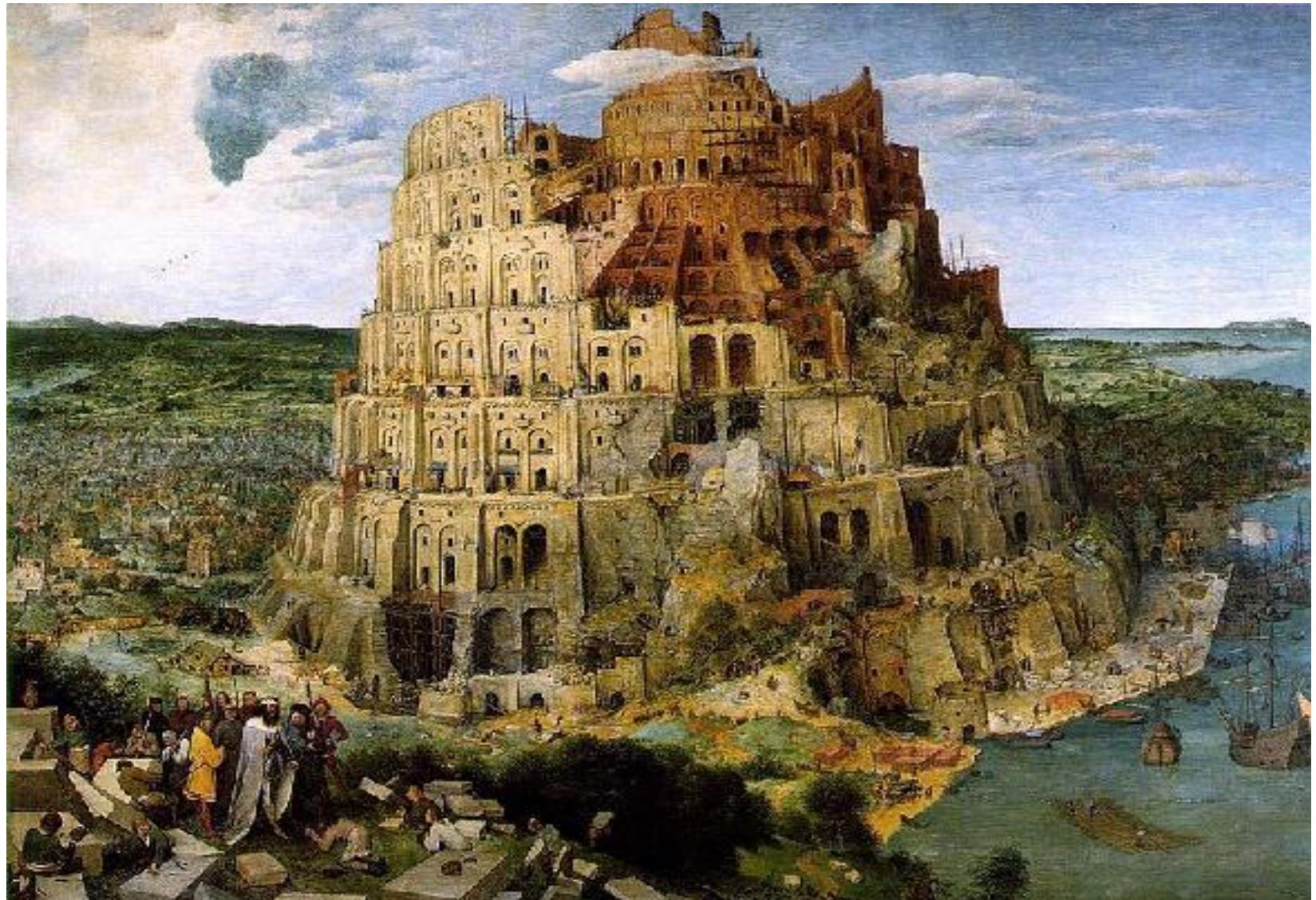
Do we need an administrator for every language?

Can two random users understand each other?

Complex workflow

One source language
Create -> Translate -> Publish
Update -> Retranslate

Many source languages
Content can be posted in any language.
Translate to any language anytime.



Turmbau zu Babel - Tower of Babel - La Tour de Babel
Torre de Babel - Torre di Babele
Вавилонская башня - Budowa wieży Babel
<http://en.wikipedia.org/wiki/File:Brueghel-tower-of-babel.jpg>

Features and modules

Drupal core, Localization client and server, Internationalization, Multilingual fields, Entity translation, Language icons...

	Case 1	Case 2	Case 3	Yours	Drupal core	Internationalization	Entity translation	Views	Translation	Language over view	Localization icons	Localization client	Localization update	Transferation
User Interface														
Language detection	Green	Green	Green	Yellow	Green									
Language switcher	Green	Green	Green	Yellow										
Language / translation links	Green	Green	Green	Yellow										
On page translation	Green	Green	Green	Yellow										
Translation per language		Green	Green	Yellow										
Translate hard coded strings	Green	Green	Green	Yellow	Green	Green	Green							
Translate user defined strings	Green	Green	Green	Yellow	Green	Green	Green							
Structure / Taxonomy														
Block visibility per language	Green	Green	Green	Yellow										
Block translation	Green	Green	Green	Yellow										
Menus per language	Green	Green	Green	Yellow										
Menu items per language	Green	Green	Green	Yellow										
Localizable menu items		Green	Green	Yellow										
Terms per language		Green	Green	Yellow										
Translation sets		Green	Green	Yellow										
Localizable terms	Green	Green	Green	Yellow					Green					
Multilingual tagging	Green	Green	Green	Yellow										
Content (nodes)														
Content per language	Green	Green	Green	Yellow	Green									
Translated content	Green	Green	Green	Yellow	Green									
Translate field values		Green	Green	Yellow	Green									
Field synchronization		Green	Green	Yellow	Green	Green								
Translation workflow		Green	Green	Yellow	Green	Green	Green		Green					
Language selection	Green	Green	Green	Yellow	Green	Green	Green	Green	Green					
Multilingual forum		Green	Green	Yellow	Green	Green	Green	Green	Green					
Automatic paths		Green	Green	Yellow	Green	Green	Green	Green	Green		Green			
Custom node listings		Green	Green	Yellow	Green	Green	Green	Green	Green					
Other														
Variable translation	Green	Green	Green	Yellow	Green	Green	Green	Green	Green					
Update translations		Green	Green	Yellow	Green	Green	Green	Green	Green					
Extended languages		Green	Green	Yellow	Green	Green	Green	Green	Green					
Translated tokens		Green	Green	Yellow	Green	Green	Green	Green	Green					

User Interface	Case 1	Case 2	Case 3	Yours	Drupal core	Internationalization	Entity translation	Translation views	Language overview	Localization icons	Localization client	Transliteration update
Language detection	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
Language switcher	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
Language / translation links	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
On page translation	Green	White	White	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
Translation per language	White	White	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
Translate hard coded strings	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
Translate user defined strings	White	Green	Green	Yellow	White	White	Green	Green	Green	Green	Green	Green

	Case 1	Case 2	Case 3	Yours	Drupal core	Internationalization	Entity translation	Translation views	Translation overview	Language icons	Localization client	Localization update	Transliteration
Structure / Taxonomy													
Block visibility per language	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Block translation	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Menus per language	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Menu items per language	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Localizable menu items	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Terms per language	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Translation sets	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Localizable terms	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green
Multilingual tagging	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green

	Case 1	Case 2	Case 3	Yours	Drupal core	Internationalization	Entity translation	Translation Views	Localization overview	Language icons	Localization client	Localization update	Transliteration
Content (nodes)													
Content per language	Green		Green	Yellow		Green							
Translated content	Green		Green	Yellow		Green							
Translate field values			Green	Yellow			Green						
Field synchronization		Green		Yellow		Green			Green				
Translation workflow			Green	Yellow			Green		Green				
Language selection	Green		Green	Yellow		Green	Green						
Multilingual forum				Yellow									Green
Automatic paths				Yellow									Green
Custom node listings	Green		Green	Yellow		Green							

	<i>Case 1</i>	<i>Case 2</i>	<i>Case 3</i>	<i>Yours</i>	<i>Drupal core</i>	<i>Internationalization</i>	<i>Entity translation</i>	<i>Translation views</i>	<i>Language overview</i>	<i>Localization icons</i>	<i>Localization client</i>	<i>Transliteration</i>
Other												
Variable translation	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
Update translations			Green	Yellow					Green			
Extended languages			Green	Yellow		Green	Green	Green				
Translated tokens				Yellow		Green	Green	Green				
Translatable user profiles				Yellow		Green	Green	Green				

Module list

Internationalization
Internationalization Views

<http://drupal.org/project/i18n>
<http://drupal.org/project/i18nviews>

Language icons
Localization update
Localization client

<http://drupal.org/project/languageicons>
http://drupal.org/project/l10n_update
http://drupal.org/project/l10n_client

Translation Overview
Language Assignment

http://drupal.org/project/translation_overview
<http://drupal.org/project/languageassign>

Transliteration
Entity Translation
Title

<http://drupal.org/project/transliteration>
http://drupal.org/project/entity_translation
<http://drupal.org/project/title>

Select your Modules



Adrian Rossouw: "Drupal Teddy Bear", <http://developmentseed.org>

to build your Solution



Adrian Rossouw: "Drupal Teddy Bear", <http://developmentseed.org>

Multilingual problem / use case sharing (Gábor Hojtsy)
Today at 12:30
Croydon College, Room 332

Module developers: i18n and related modules
Today at 13:45
Croydon College, Room 334

Thank you

Gracias ខុសគុណ Danke Obrigado Gràcies

Eskerrik asko Juspajaraña благодаря

Hvala आभारी हुँ दankon Tänan teid

Takk Gratia tibi ago Graciñas Jag tackar

Thank you Danku Merci дякую Arigato

Feedback? Questions?

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THANK YOU!

