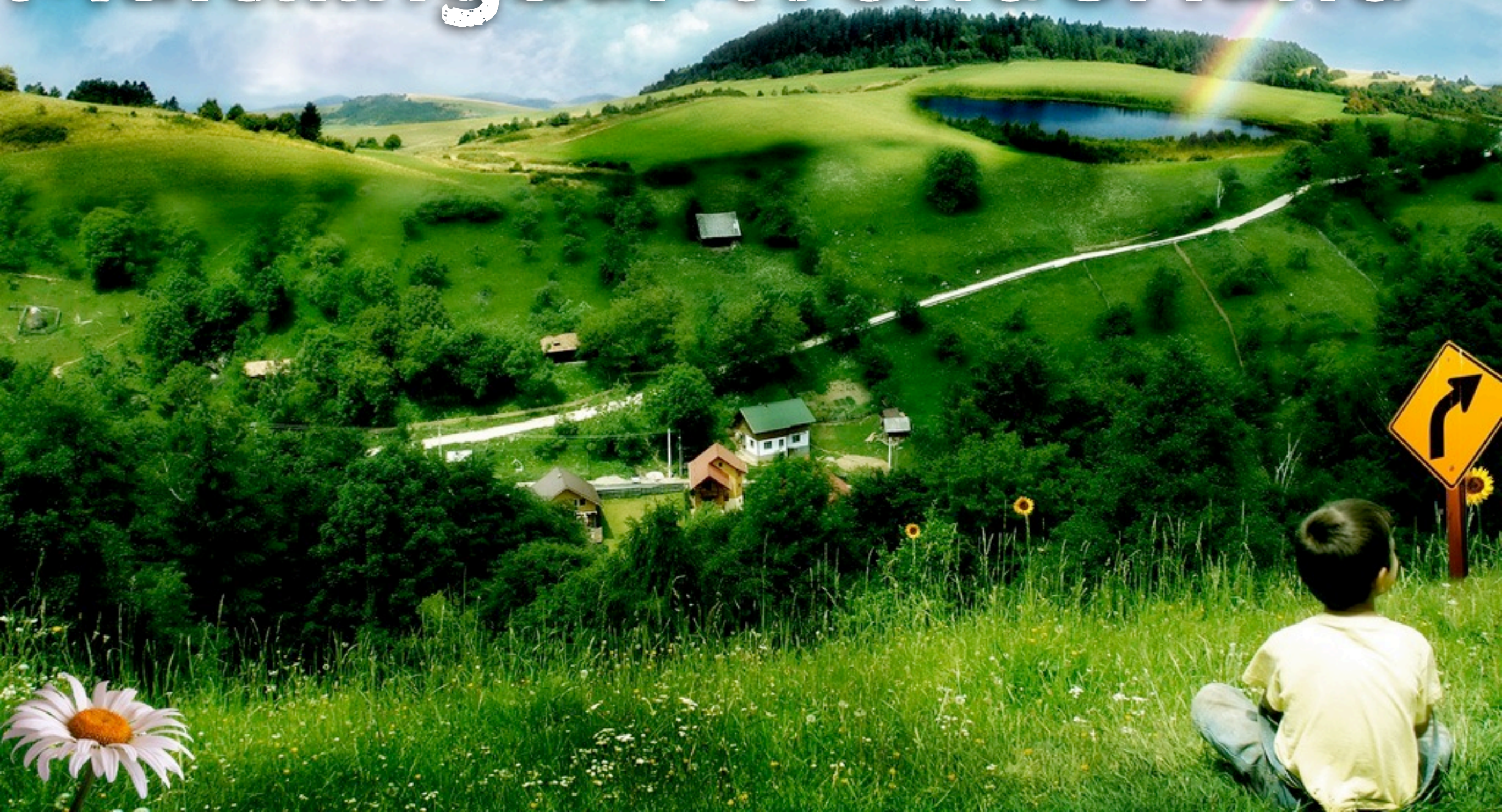


Drupal 8

Multilingual Wonderland



Gabor Hojtsy
Acquia

a1russell adamdicarlo AdrianB agentrickard akahn akejoha Alan D. alberto56 **Albert Volkman** alduya alexanderpas **alexpott** Alex UA alex_b
Alice Heaton amateescu Amitaibu anavarre andremolnar Andrew Schulman Andreyy **andypost** animelion Antton arianek **aries** Aron
Novak **Artusamak** **aspilicious** **attiks** August1914 babasse05 balagan balintk BarisW bcn beberlei **beejeebus** BenK bensemme**l** **Berdir**
bfroehle bjaspan Bodo Maass **bojanz** **Bojhan** Boobaa boombatower boran Boriss brantwynn brianV bsherwood **c31ck** **c960657** caktux casey
catch cburschka cha0s Charles Belov chrispomeroy **chx** ckng CKoch clashar claudiu.cristea **clemens.tolboom** colan
cosmicdreams Countzero cpelham Crell csg cweagans cwgordon7 Cyberwolf dado Daemon_Byte DamienMcKenna **Damien**
Tournoud danillonunes DanPir das-peter Dave Reid David Lesieur David Strauss **David_Rothstein** dawehner dboulet dcmistry dddave delmarr
desbeers dimduj **disasm** **dixon_** DjebbZ dmitrig01 Dmitriy.trt dodorama donquixote douggreen dpearceMN drewish **Dries** drifter dropcube
droplet drubage drupaljoe drupalvino dtarc duellj dvinegla dww Désiré e2thex eaton **ebeyrent** EclipseGc **effulgentsia** eigentor el22or elcuco
elfur emarchak eojthebrave ericduran erno ershov.andrey Everett Zufelt evolvingweb ezra-g fabsor **fago** Fannon fastangel **fgm** fietserwin
Fleshgrinder **floretan** Frando franskuipers franz Freso **fubhy** fwalch Gabriel Radic Garrett Albright **gaspaio** gbentley geerlingguy Georgii Gerhard
Killesreiter giorgio79 GiorgosK good_man greggles grendzy gumanist gusgsm1 guygg **hairqles** Hanno hansfn hass Haza hefox **heyrocke**
hinikato HnLn hswong3i IceCreamYou2 idflood Ignacio Sánchez iliphil indytechcook infowonders intuited izmeez j.somers Jacine jackhutton
jamiehollern jamienotweet janusman Jaza jcisio Jeff Burnz Jelle_S jenlampton **jepSter** jherencia **jhodgdon** jmesam joachim **joewatkins** johnv
jonaswouters JonMcL Jon Pugh joris.verschueren **Jose Reyero** jrglasgow jschrab jthorson JuliaKM jwilson3 kaakuu **kalman.hosszu** KarenS
kbasarab keith.smith kevee kika killes@www.drop.org klausi klonos kompressaur Kristen Pol ksenzee kwinters lambic langworthy larowlan
LarsKramer Lars Toomre legendm33066 lelizando lilou LittleViking litwol loganfsmyth **LoMo** lonelyrobot lotyrin Islinnet lsmith77 marcel66
marcingy marcushenningsen marcvangend markus_petrux martin_q matason mattyoung mbyrnes mermenggc mfb **mgifford** mhlut Michelle
mikeryan mikewink mikey_p mikl Mirabuck mirocow **miro_dietiker** mitchell mjreich mlncn moshe weitzman mr.baileys mrsinguyen mustafau **mvc**
my-family nadavoid NancyDru naught101 nbz **neclimdul** nedjo neochief nevets nicholosophy **Nick_vh** nielsvm nkschaefer **nod_** nonsie Noyz
no_commit_credit omar omercioglu OnkelTem oriol_e9g Owen Barton Pasqualle pdrake Pedro Lozano **penyaskito** perusio **pfrenssen**
pillarsdotnet pixelite pkiraly **plach** Plascual podarok Pol pounard pp pwolanin q0rban quazardous quicksketch Ranko rasskull rdickert
redndahead reglogge renat rfay rlmumford Roberto Gerola Robin Millette Robin Monks **Rob Loach** rocket_nova roderik rooby rupl **rvilar** rwt
Ryan Weal Sborsody **Schnitzel** scor SeanBannister SebCorbin Seldaek Sephi77 sethiele seutje Shellingfox shuklasp silverdog silverwing Simon
Georges Soul88 sourcesoft sreynen Stefan Nagtegaal steinmb stella Steven Jones stevepurkiss **Sun** sun.core **surgeonbor** **Sutharsan**
svendecabooter **svenryen** **Sweetchuck** swentel sylvain_a tarmstrong te-brian thamas thePanz theunraveler thomastorfs Thomas_Zahreddin
tim.plunkett timmillwood timofey tkoleary tobiasb toemaz tomsm **Tor Arne Thune** TR **tstoeckler** tsvenson Ujin Unsupported Projects valokettu
Vapes **vasi1186** voxpelli walkah weakqueen99 **webchick** **webflo** WilliamB willvincent wmostrey wojtha Xano xecstasix **xjm**
xmacinfo yched YesCT yhager yohannbzh yoroy **yurtboy** z.stolar **ZenDoodles** zilverdistel zirvap zkday Zoltán Balogh zroger



Foreign language site

Multilingual site

Foreign language site

Multilingual with translation

Multilingual site

Foreign language site

Multilingual with translation

Multilingual site

Foreign language site

Language

Multilingual with translation

Multilingual site

Foreign language site

Language

Interface

Multilingual with translation

Multilingual site

Foreign language site

Language

Interface

Languages

Multilingual with translation

Multilingual site

Foreign language site

Language

Interface

Languagesu

Display

Multilingual with translation

Multilingual site

Foreign language site

Language

Interface

Languages

Display

Translation

LIVE DEMO
(yes, I know)

Drupal 7 multilingual site modules

Interface translation

Localization update

Localized Drupal

Content language/translation

Content translation

Translation
overview

Entity translation

Title

Config. language/translation

Variable (store/realm)

Internationalization

Locale

Base language functionality
(languages, negotiation)

Admin language

Drupal 7 multilingual site modules

Interface translation

Localization update

Localized Drupal

Content language/translation

Content translation

Translation
overview

Entity translation

Title

Config. language/translation

Variable (store/realm)

Internationalization

Locale

Base language functionality
(languages, negotiation)

Admin language

Drupal 7 multilingual site modules

Interface translation

Localization update

Localized Drupal

Content language/translation

Content translation

Translation
overview

Entity translation

Title

Config. language/translation

Variable (store/realm)

Internationalization

Locale

Base language functionality
(languages, negotiation)

Admin language

The diagram illustrates the architecture of Drupal 7 multilingual site modules, organized into three main horizontal layers:

- Top Layer (Interface and Configuration):**
 - Interface translation:** Includes "Localization update" and "Localized Drupal".
 - Config. language/translation:** Includes "Variable (store/realm)".
- Middle Layer (Content and Internationalization):**
 - Content language/translation:** A central green box containing:
 - Content translation
 - Translation overview
 - Entity translation
 - Title
 - Internationalization:** A white box on the right.
- Bottom Layer (Base Functionality):**
 - Base language functionality (languages, negotiation):** A large white box at the bottom.
 - Admin language:** A white box on the bottom right.

Additional components and connections:

- A **Locale** box (yellow) is positioned between the middle and bottom layers, connected to the "Internationalization" box.
- A dashed orange line connects the "Locale" box to the "Content language/translation" box.
- A dashed brown line connects the "Content language/translation" box to the "Interface translation" box.

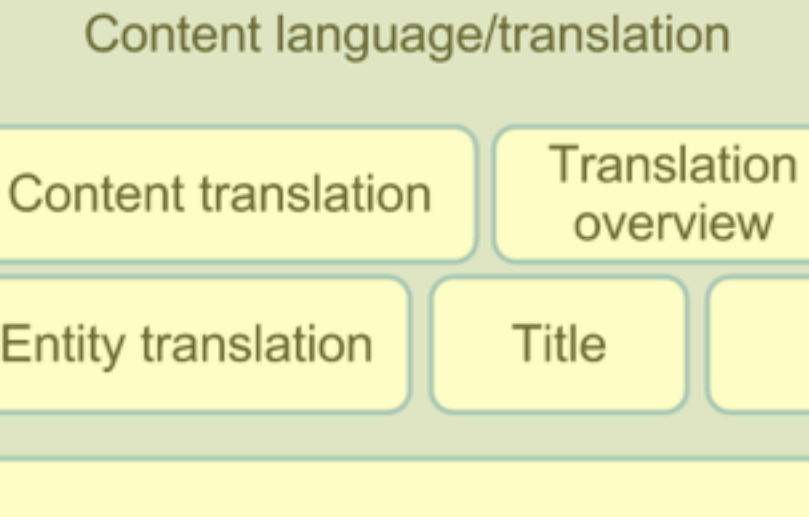
Interface translation

Localization update

Localized Drupal

Localization update

Localized Drupal



The diagram illustrates the structure of the Content language/translation. It features a central light green rounded rectangle with a dashed blue border. Inside this rectangle, the text "Content language/translation" is at the top. Below it, there are four yellow rounded rectangles arranged in a 2x2 grid: "Content translation" (top-left), "Translation overview" (top-right), "Entity translation" (bottom-left), and "Title" (bottom-right). To the right of the "Title" box is a yellow rectangle with a dashed orange border, containing the text "Locale".

```
graph TD; A[Content language/translation] --> B[Content translation]; A --> C[Translation overview]; A --> D[Entity translation]; A --> E[Title]; E --- F[Locale];
```

Content language/translation

Content translation

Translation overview

Entity translation

Title

Locale

Content translation

Translation overview

Entity translation

Title



Locale

Config. language/translation

Variable (store/realm)

Internationalization

Variable (store/realm)

Internationalization

Base language functionality
(languages, negotiation)

Admin language

Drupal 7 multilingual site modules

Interface translation

Localization update

Localized Drupal

Content language/translation

Content translation

Translation
overview

Entity translation

Title

Config. language/translation

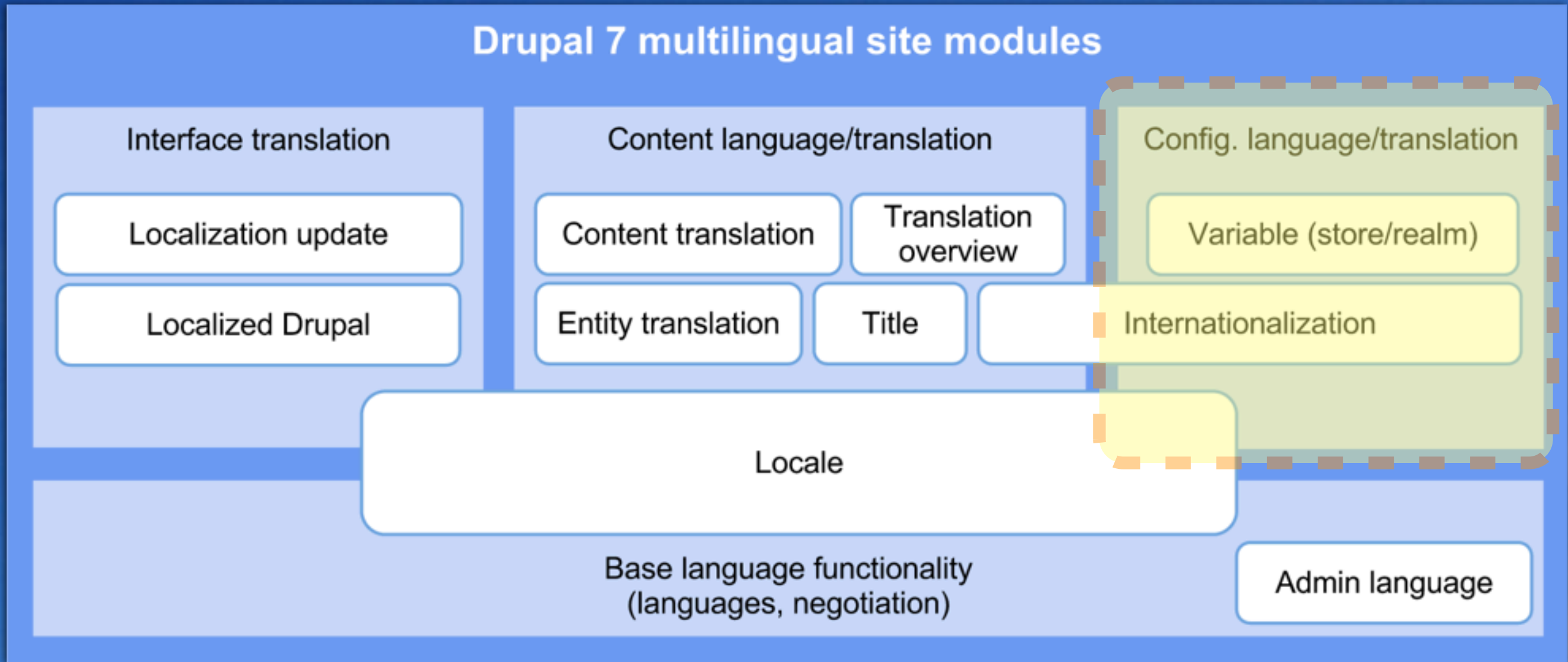
Variable (store/realm)

Internationalization

Locale

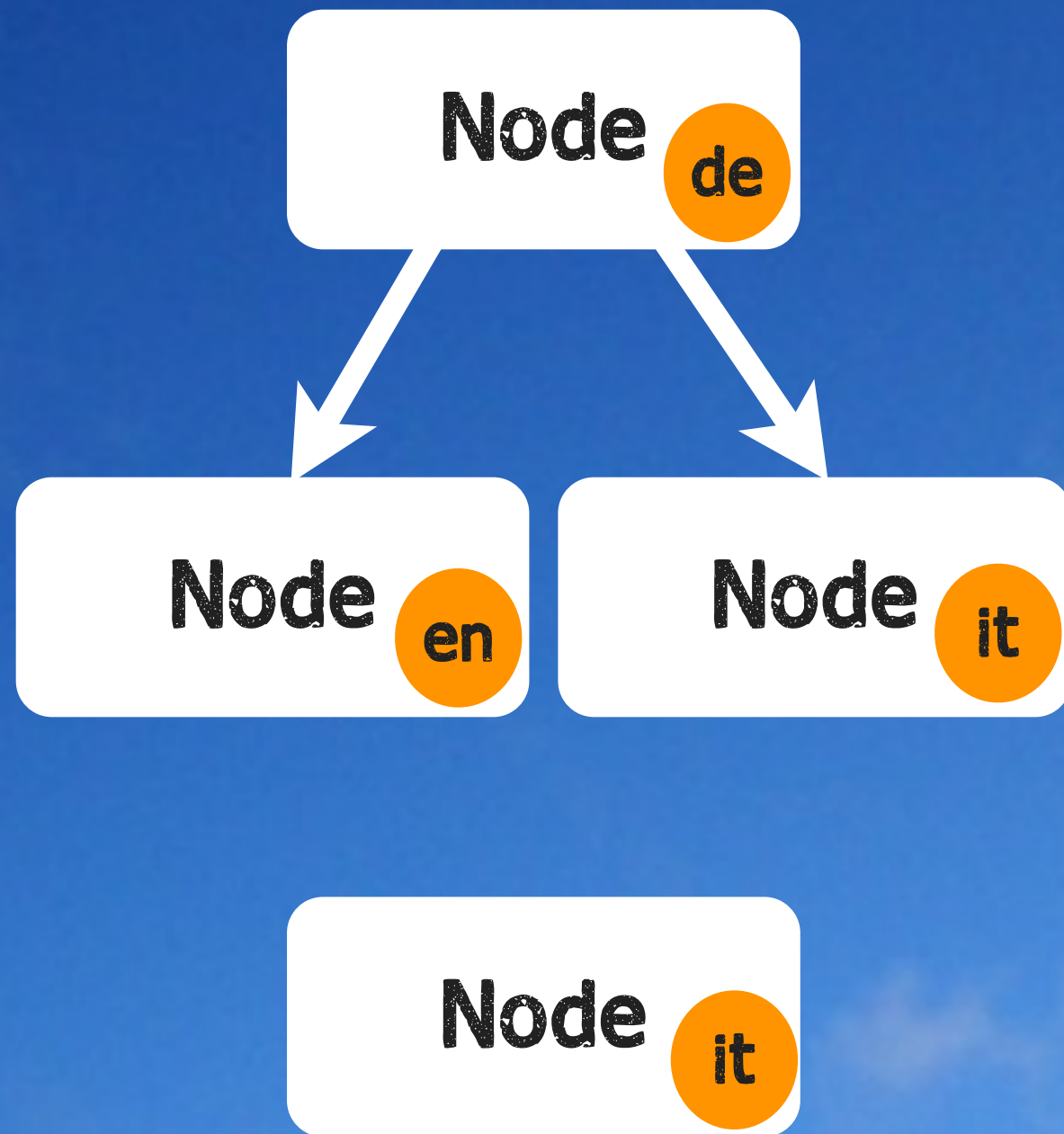
Base language functionality
(languages, negotiation)

Admin language

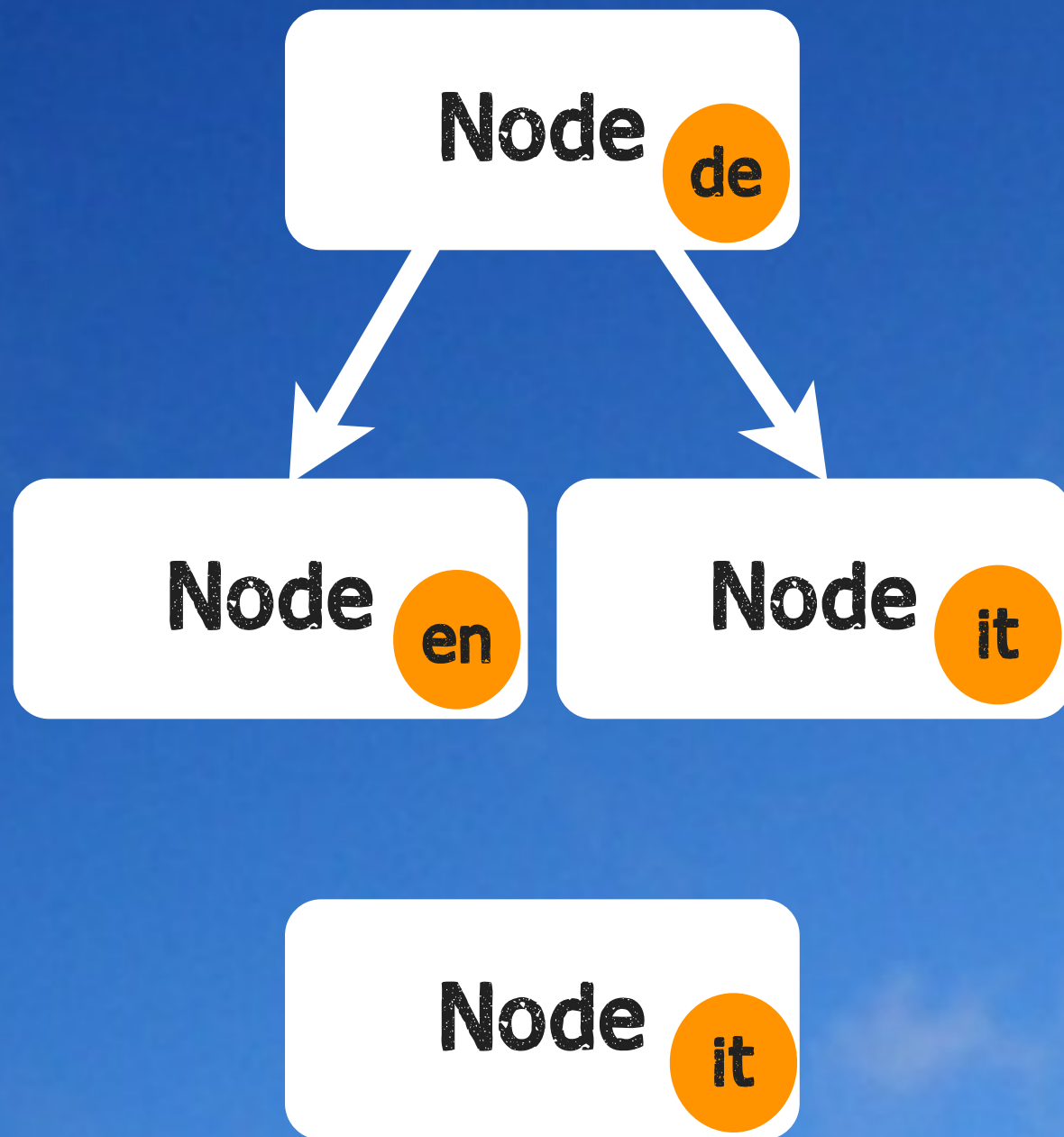


Content language and translation

Node translation



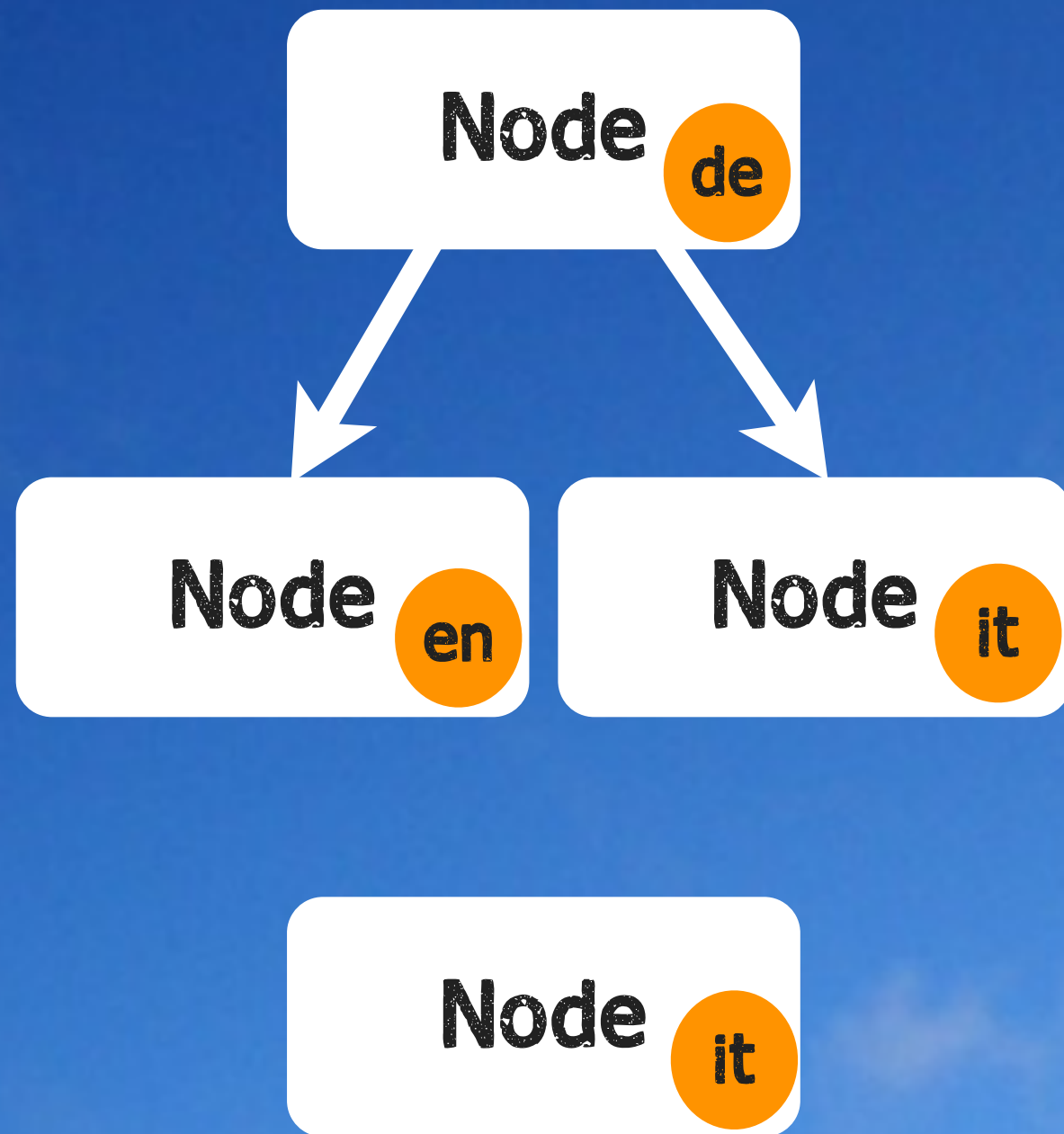
Node translation



Field translation



Node translation



Property translation



Property translation

de

Node

Price (und)

Body (de)

Body (en)

Body (it)

Title (de)

Title (en)

Title (it)

Photo (und)



Property translation

de

Node

Price (und)

Body (de)

Body (en)

Body (it)

Title (de)

Title (en)

Title (it)

Photo (und)

Configuration language and translation

Site config

- Site name**
- Site slogan**
- Logo image**
- Default front page**

Site config

- Site name
- Site slogan
- Logo image
- Default front page



Translatable

The diagram consists of a blue rounded rectangle on the left containing a list of site configuration items. Two orange arrows originate from the right side of the first two items, 'Site name' and 'Site slogan', and point towards a yellow rounded rectangle on the right. This yellow rectangle contains the word 'Translatable' in bold black text, indicating that these two configuration items are translatable.

Site config

- Site name
- Site slogan
- Logo image
- Default front page

Translatable

Multilingual

Site config

- Site name
- Site slogan
- Logo image
- Default front page

Translatable

Widgets & validation

Multilingual

Field config

- Field label**
- Field description**
- Allowed values**

Field config

- Field label
- Field description
- Allowed values



**Admin
form**

Original

Field config

- Field label
- Field description
- Allowed values



**Admin
form**

Original



Node form

Interface

Field config

- Field label
- Field description
- Allowed values

**Admin
form**

Original

Node form

Interface

**Node
display**

Content

Contact config

- Contact category**
- Recipients**
- Autoreply text**

Contact config

- Contact category
- Recipients
- Autoreply text



Web display

Interface

Contact config

- Contact category
- Recipients
- Autoreply text



Web display

Interface



Email to recipient

Recipient language

Contact config

- Contact category
- Recipients
- Autoreply text

Web
display

Interface

Email to
recipient

Recipient
language

Email copy to
submitter

Submitter
language

**Stored/staged with
config**

Config overrides

Contexts

[http://drupal.org/
node/1616594](http://drupal.org/node/1616594)

Sprint at Drupalcon Munich
**[http://groups.drupal.org/
node/203523#munich-
sprint](http://groups.drupal.org/node/203523#munich-sprint)**

IRC Meeting every second Wednesday

[http://drupal.org/
community-initiatives/
drupal-core](http://drupal.org/community-initiatives/drupal-core)

<http://hojtsy.hu/d8mi>