

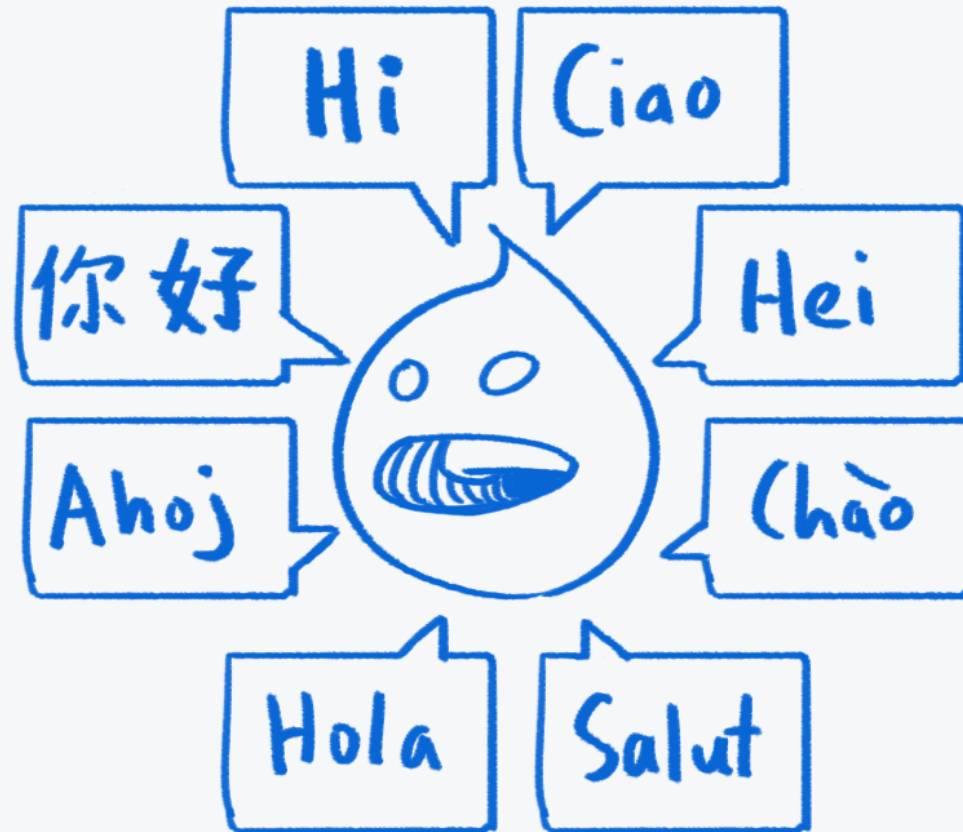
Multilingual Module Madness

Which i18n modules do
I really need?

Kristen Pol /
kristen@hook42.com

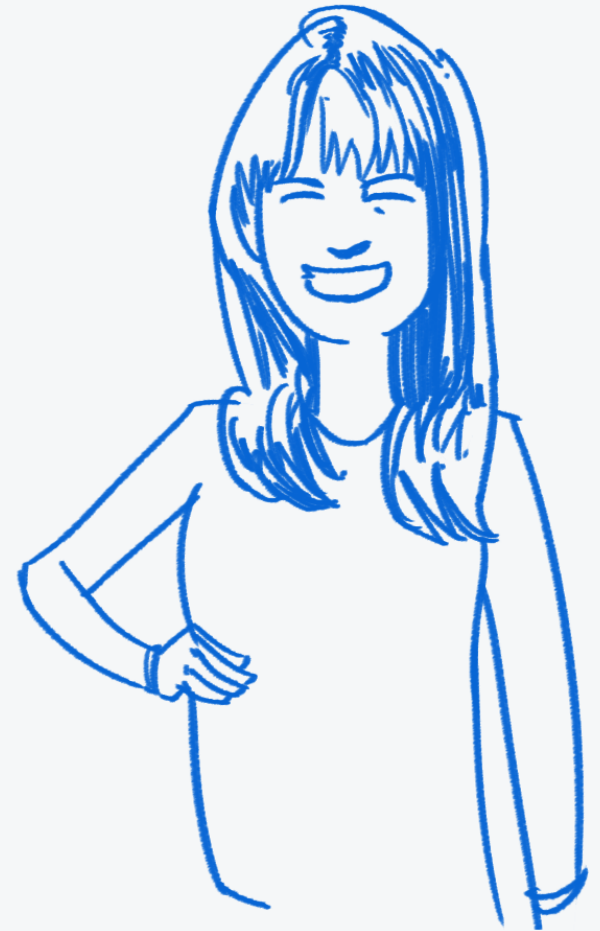


Welcome!



Me

- Kristen Pol
- Drupal 2004 to 2013+!
- Hook 42
- kristen@hook42.com
- @kristen_pol
- kristen.org



<shameless plug>



</shameless plug>

Raffle for Free Multilingual Book

Put your name on a piece of paper and put in the bag at the front of the room and I'll draw a name at the end :)

You?



Site Builder



Customer



Customer



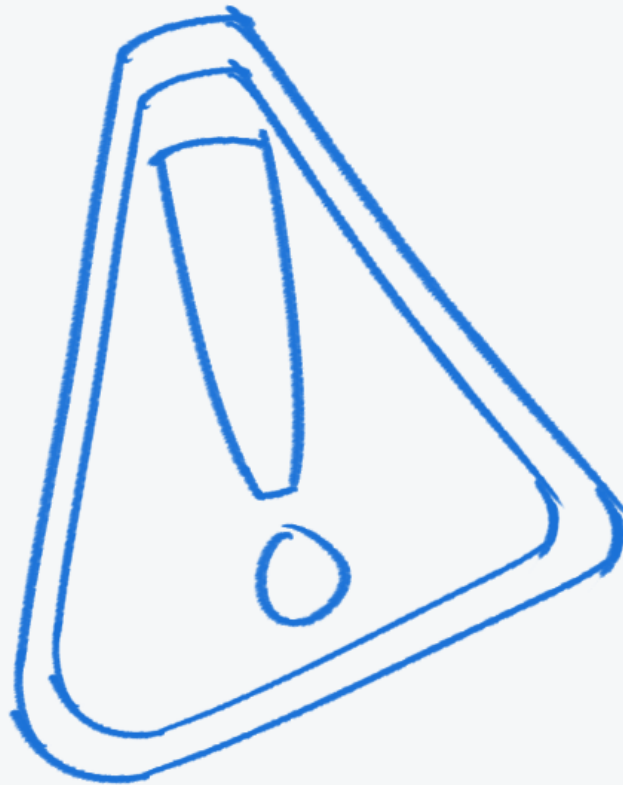
Site Builder



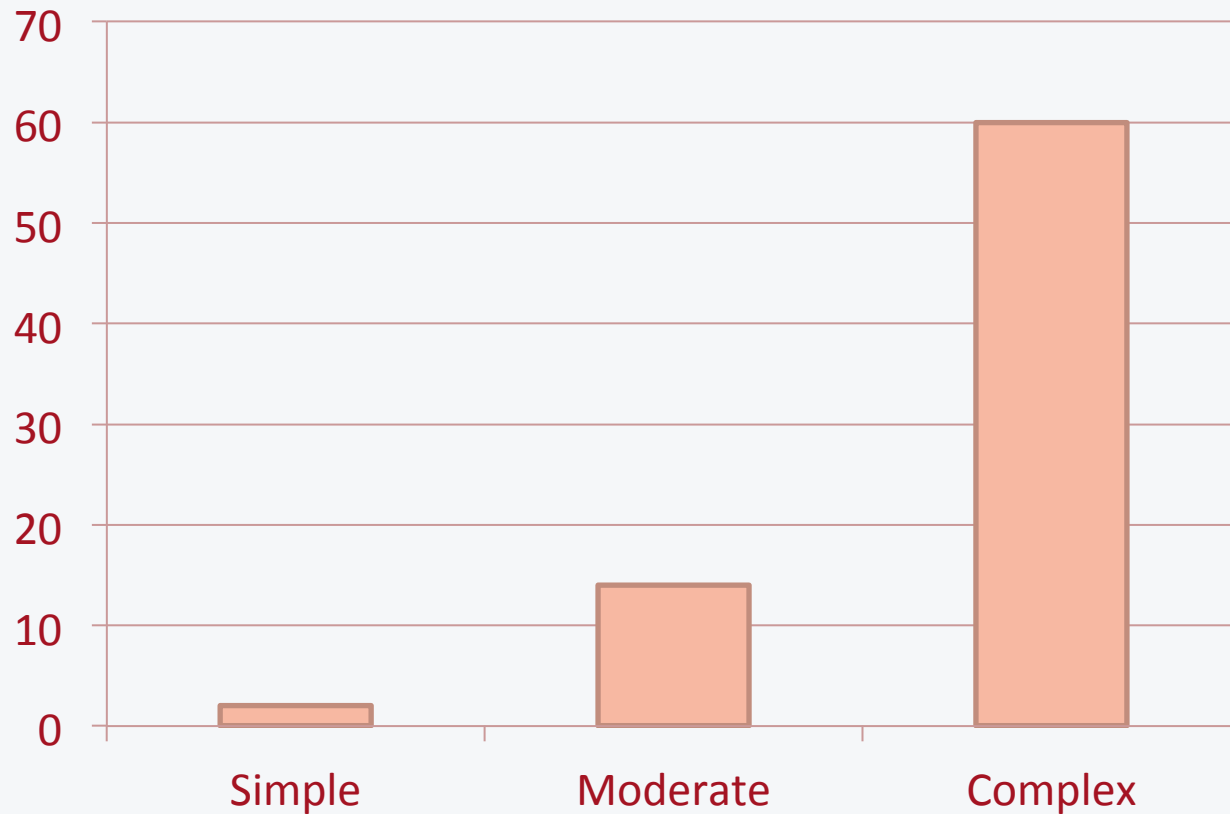
Don't Panic!



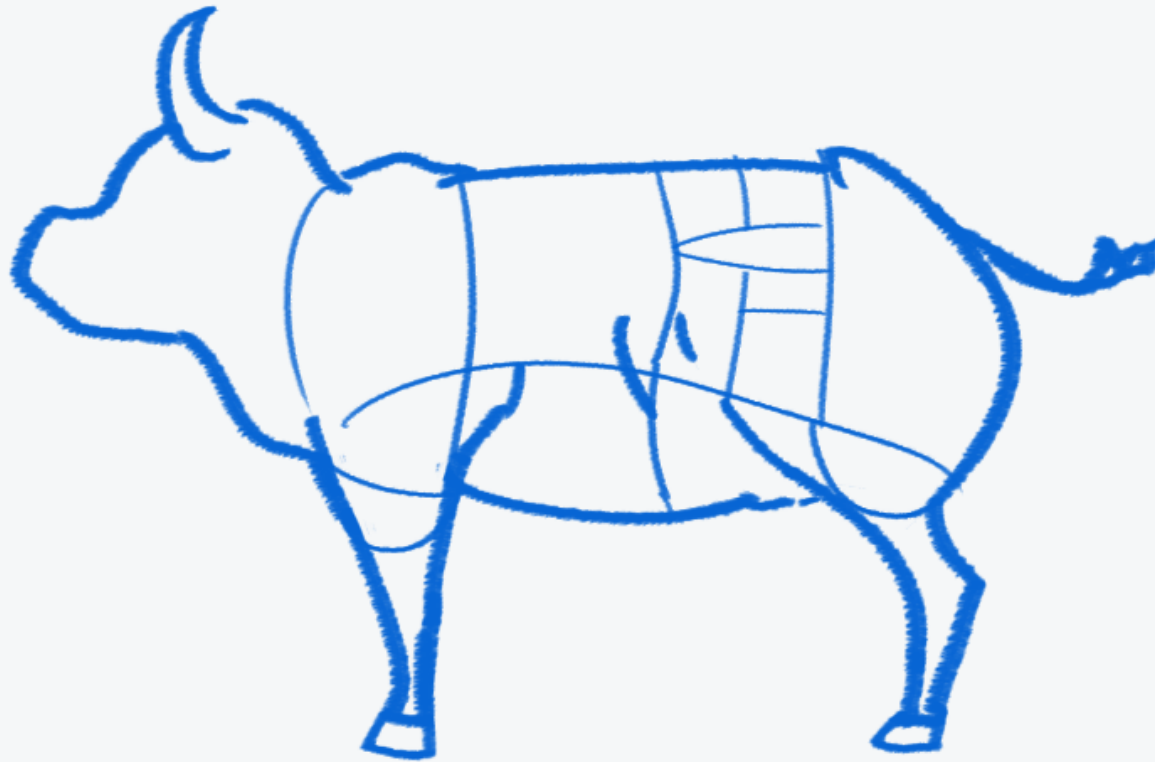
But... it probably won't
be simple



How long with it take?



Anatomy of a ~~Cow~~ Drupal Site



Drupal Site

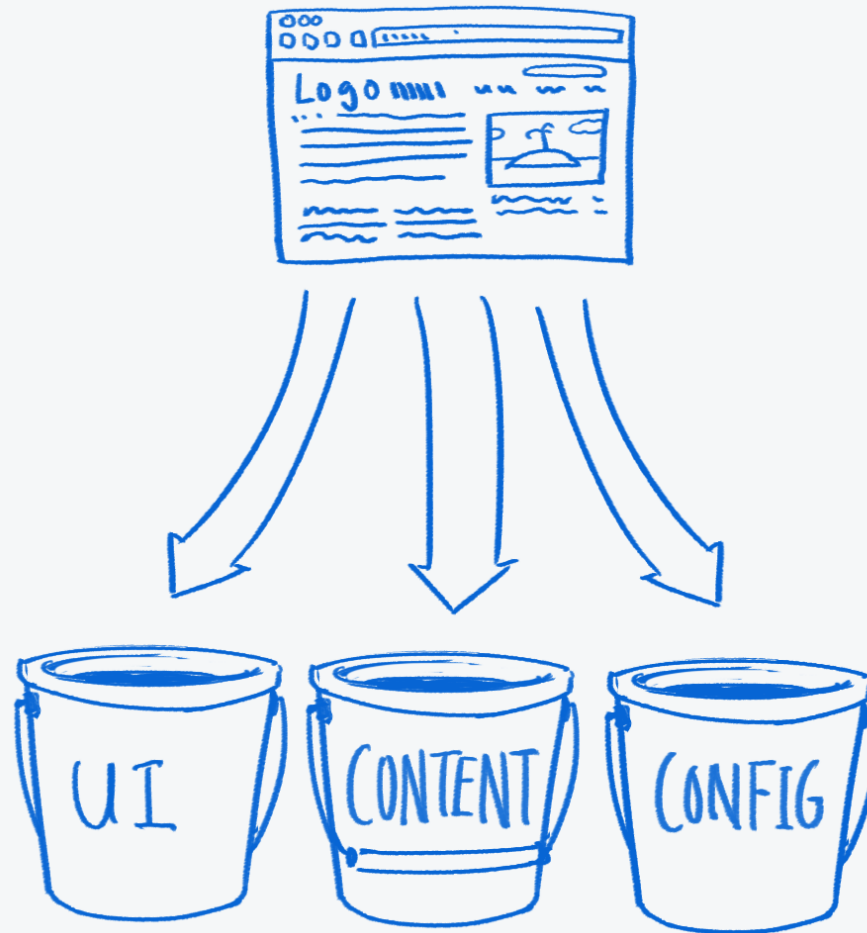
- Logo
- Menus
- Images
- Blocks
- Nodes
- Layout
- ...

The screenshot shows the Stanford University Department of Physics website. At the top, there is a dark red header with "STANFORD UNIVERSITY" on the left and "SUNet ID Login" on the right. Below the header is the department's logo (a circular seal) and the text "DEPARTMENT OF PHYSICS". A search bar is located on the right side of the page. A horizontal navigation menu includes links for HOME, PEOPLE, UNDERGRADUATE, GRADUATE, RESEARCH, NEWS & EVENTS, and RESOURCES. Below the menu is a row of four images: a student working in a lab, a plaque for the Russell H. Varian Laboratory of Physics, a group of students in graduation gowns, and a student in a lab. A "RESEARCH HIGHLIGHTS" section features three articles with small images and text: "Evidence for Majorana fermions in a nanowire", "First Two-Neutrino and Neutrinoless Double-Beta Decay Measurements by EXO 200", and "Quantum Degenerate Dipolar Fermi Gas". To the right of the highlights is an "ABOUT US" section with a paragraph of text and a list of links: Contact Us, Awards, Related Sites, Physics Newsletter, Our History, and Job Opportunities. At the bottom, there are three columns labeled "NEWS", "EVENTS", and "NOBEL PRIZES IN PHYSICS".

Analyze!

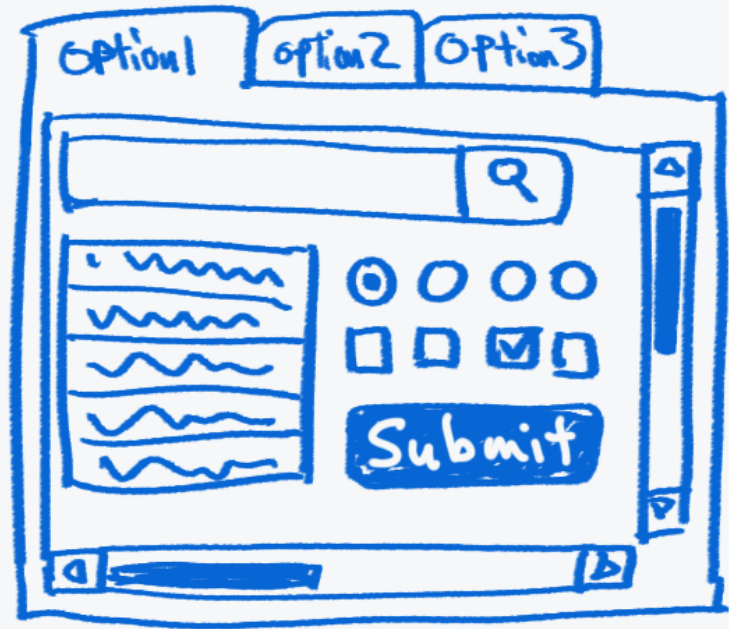


Multilingual Buckets



UI / Interface

Text (strings)
coming from
modules and
themes



`echo t("Stanford Drupal Camp rocks!");`

UI / Interface

USER ACCOUNT

SUNet ID Login

Username: *

Enter your Department of Physics username.

Password: *

Enter the password that accompanies your username.


Content (Entities)

- Nodes
- Comments
- Users
- Taxonomy terms*
- Custom entities (e.g. Commerce Products)




Content (Entities)

STANFORD UNIVERSITY SUNet ID Login




DEPARTMENT OF PHYSICS

Search this site... 

[HOME](#) [PEOPLE](#) [UNDERGRADUATE](#) [GRADUATE](#) [RESEARCH](#) [NEWS & EVENTS](#) [RESOURCES](#)

EXPERIMENTAL & OBSERVATIONAL ASTROPHYSICS AND COSMOLOGY



Viewing the formation and evolution of stars, galaxies, and the cosmos. Galaxy clusters, cosmic microwave background radiation, ultra high-energy sources, large scale structure in the universe and cosmic evolution.

Current research in observational astrophysics and cosmology at Stanford covers a wide range of approaches to tackling the most important frontiers. Major topics include direct detection of dark matter, probes of dark energy (via gravitational lensing, surveys of galaxy clusters and supernovae), sources of gamma rays (pulsars, blazars, supernova remnants, dark matter annihilation or decay), the structure of clusters of galaxies and their use as probes of cosmology, the development of next generation detectors of photons (radio through gamma-ray), the origins of solar variability on a wide range of time scales, and experiments in gravitation (detection of gravitational waves, probes of gravity at short distance scales).

Major experiments and facilities include the Cryogenic Dark Matter Detector (direct detection of dark matter), the Fermi Large

RESEARCH HIGHLIGHTS

ATOMIC, MOLECULAR AND OPTICAL PHYSICS

BIOPHYSICS

EXPERIMENTAL & OBSERVATIONAL ASTROPHYSICS AND COSMOLOGY

EXPERIMENTAL CONDENSED MATTER PHYSICS

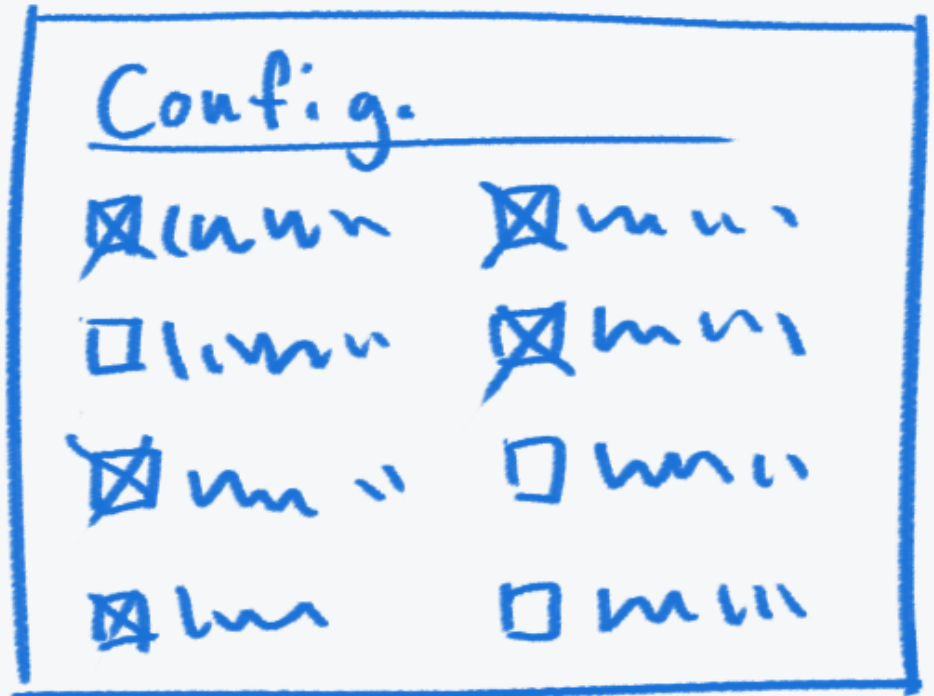
EXPERIMENTAL PARTICLE PHYSICS

OTHER RESEARCH INTERESTS

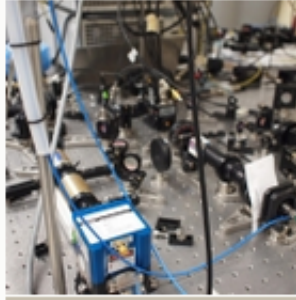
THEORETICAL ASTROPHYSICS AND

Config (Everything Else!)

- Menus
- Blocks
- Taxonomy terms*
- Views
- Variables
- Contact form
- Panels
- SEO config
- Etc....



Config (Everything Else!)



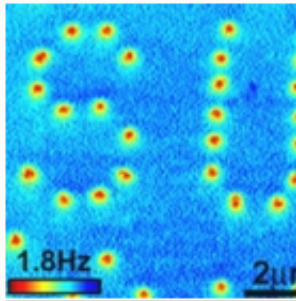
**ATOMIC,
MOLECULAR AND
OPTICAL PHYSICS**



BIOPHYSICS



**EXPERIMENTAL &
OBSERVATIONAL
ASTROPHYSICS
AND COSMOLOGY**



**EXPERIMENTAL
CONDENSED
MATTER PHYSICS**



**EXPERIMENTAL
PARTICLE
PHYSICS**



**OTHER
RESEARCH
AREAS**

Which Modules?



Which Modules?

It depends!

Finding Multilingual Modules

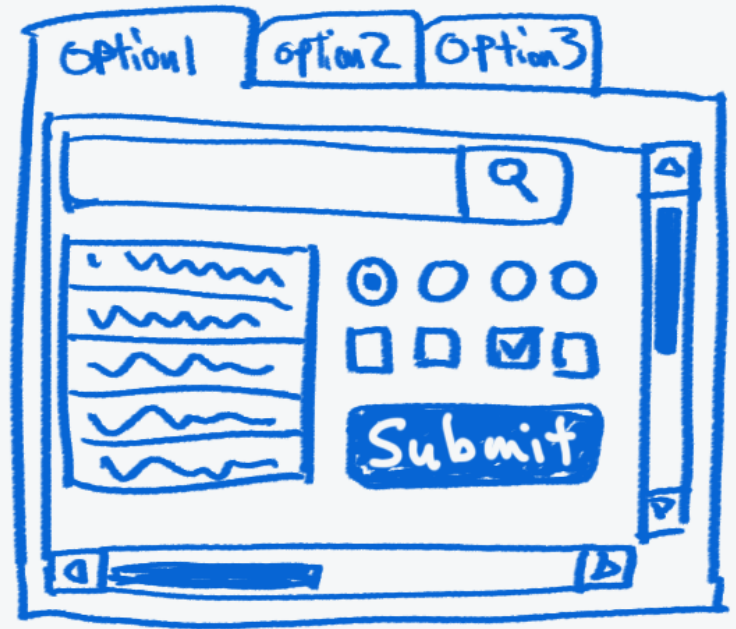
The screenshot shows the 'Download & Extend' page on the Drupal website. The navigation tabs include 'Download & Extend Home', 'Drupal Core', 'Distributions', 'Modules', and 'Themes'. The 'Modules' tab is active. Below the navigation, the text '95 Modules match your search' is visible. A large red overlay text '1000+!' is positioned over the search filters. The filters include: 'Modules categories:' with a dropdown menu showing 'Multilingual'; 'Filter by availability:' with a dropdown menu; 'Status:' with a dropdown menu showing 'Full projects'; 'Search Modules:' with an empty text input field; and 'Sort by:' with a dropdown menu showing 'Most installed'. A 'Search' button is located at the bottom left of the filter area.

Multilingual Modules



UI Modules

- Locale (core)
- Localization Update
- Localization Client
- String Overrides

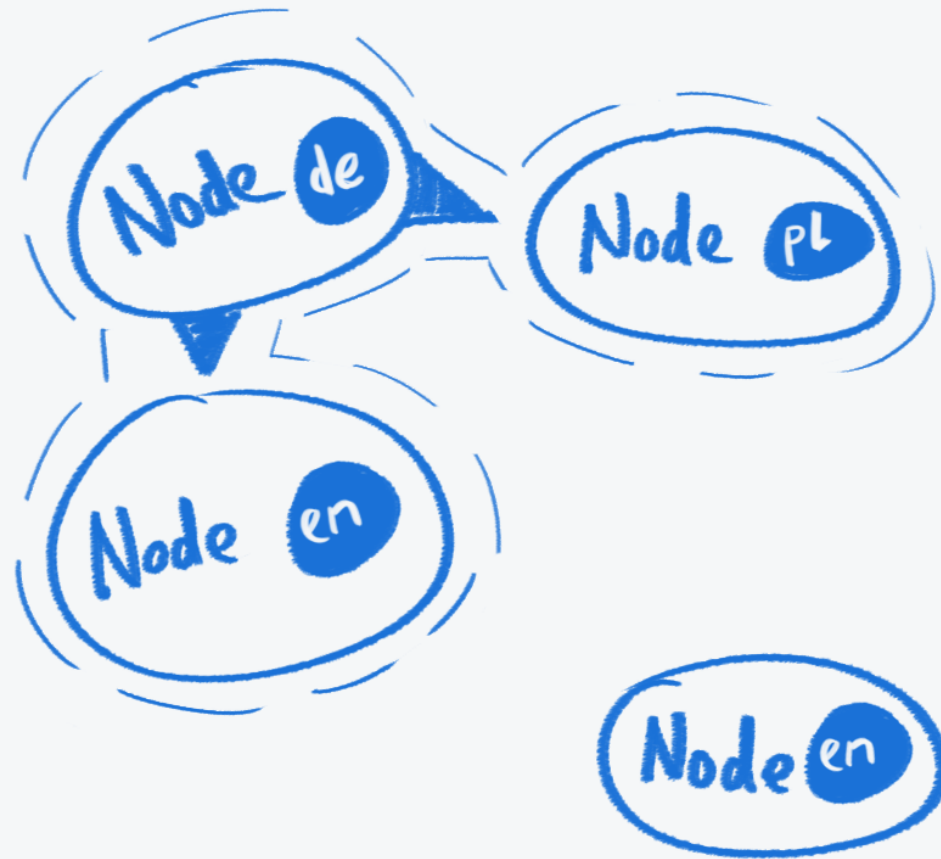


Content Modules

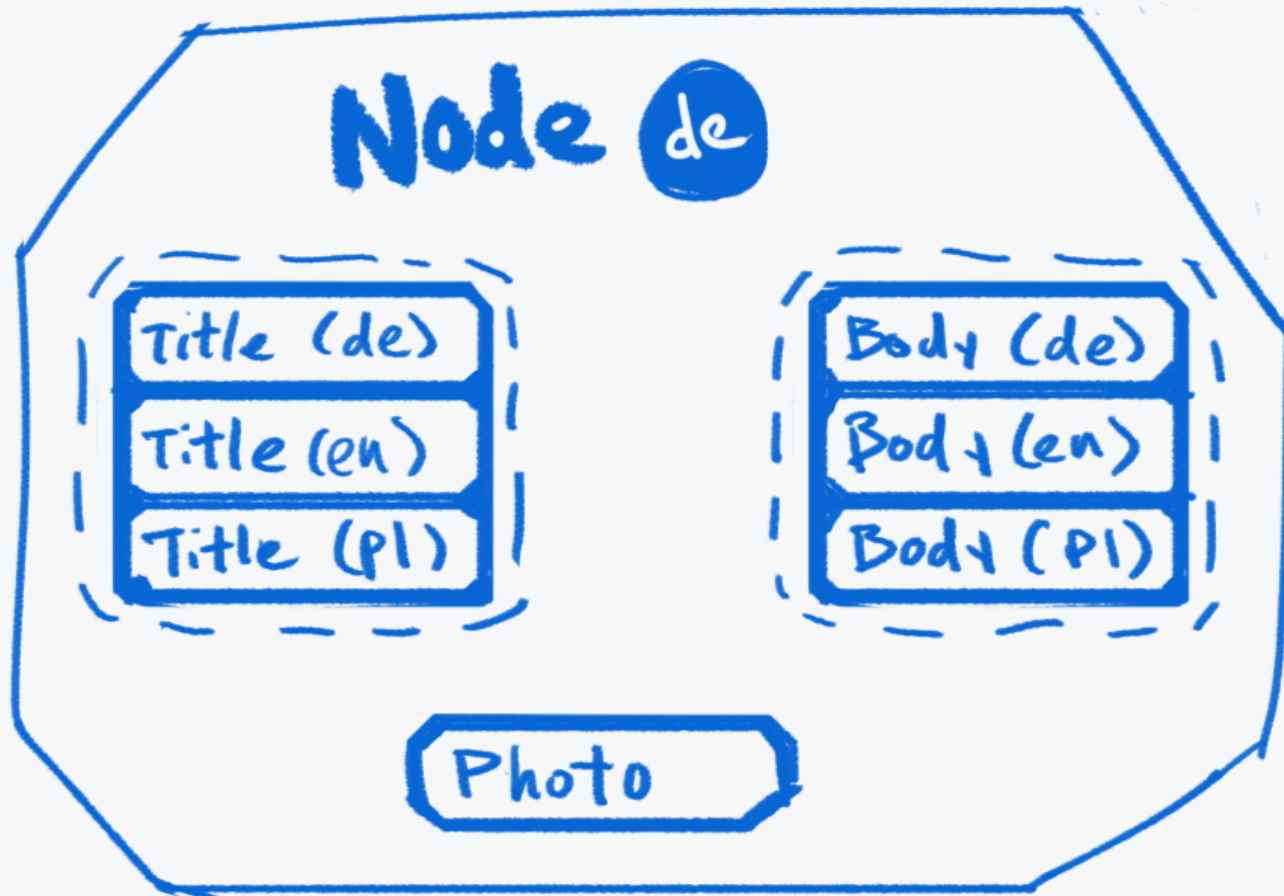
- Nodes
 - Node Translation modules or Field Translation modules
- Other Entities
 - Field Translation modules



Node Translation Method

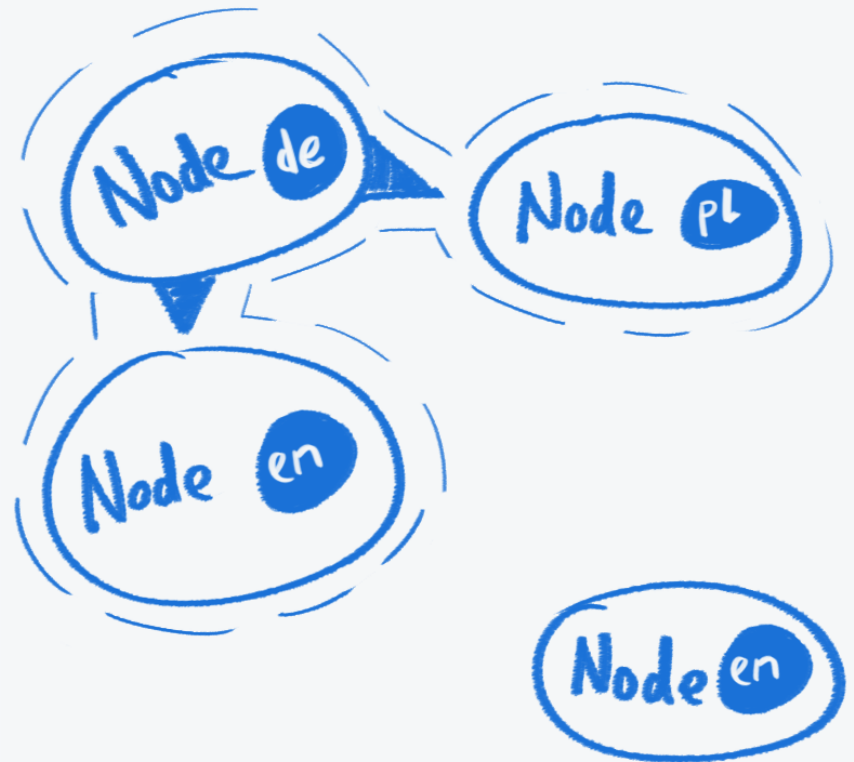


Field Translation Method



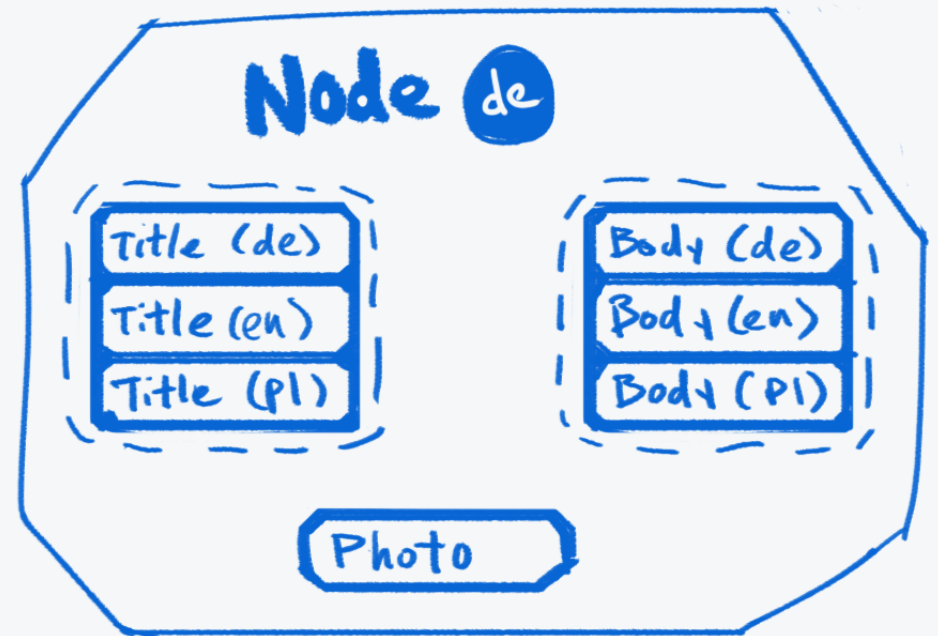
Node Translation Modules

- Content Translation (core)
- Synchronize Translations (i18n)



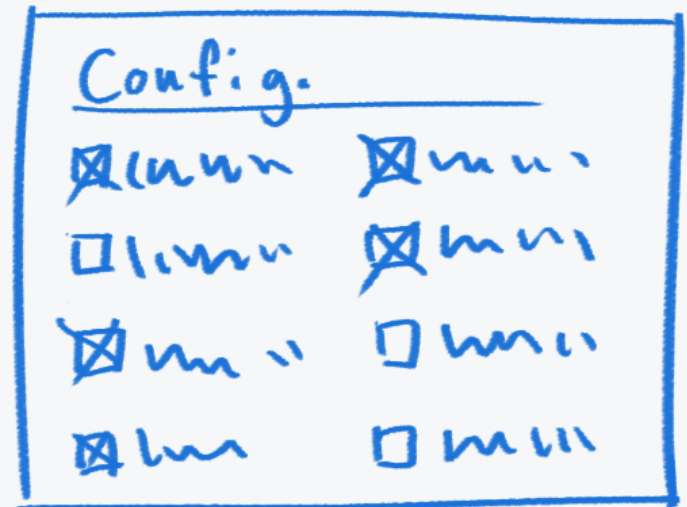
Field Translation Modules

- Entity Translation (core contrib)
- Title



Config Modules

- Transliteration
- Menu Translation (i18n)
- Block Languages (i18n)
- Taxonomy Translation (i18n)
- Contact Translation (i18n)
- Variable Translation (i18n)
- Internationalization Views
- ...



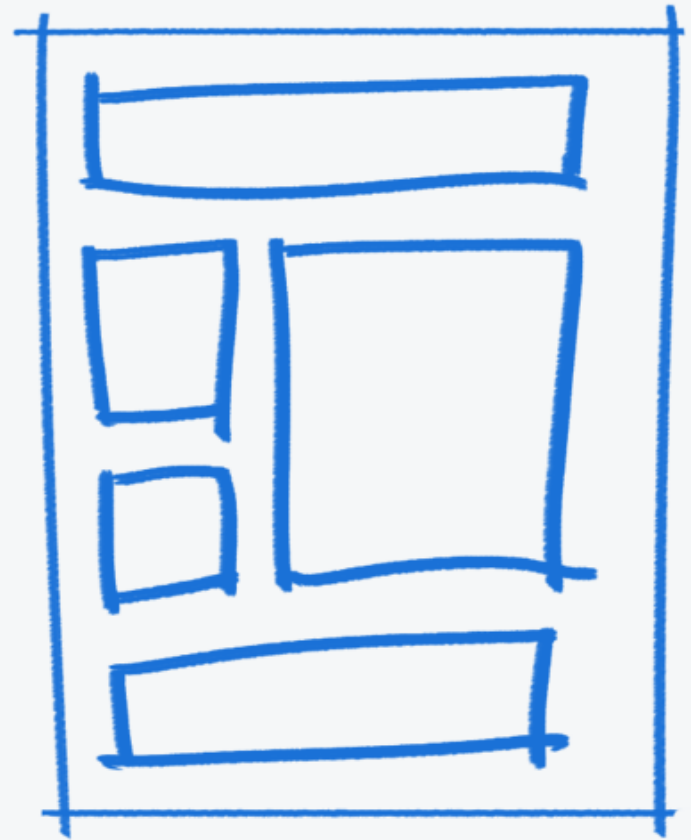
URL Modules

- Pathauto
- Path Translation (i18n)

http://

Panels Modules

- Multilingual Panels
- Or just put content into nodes/etc.



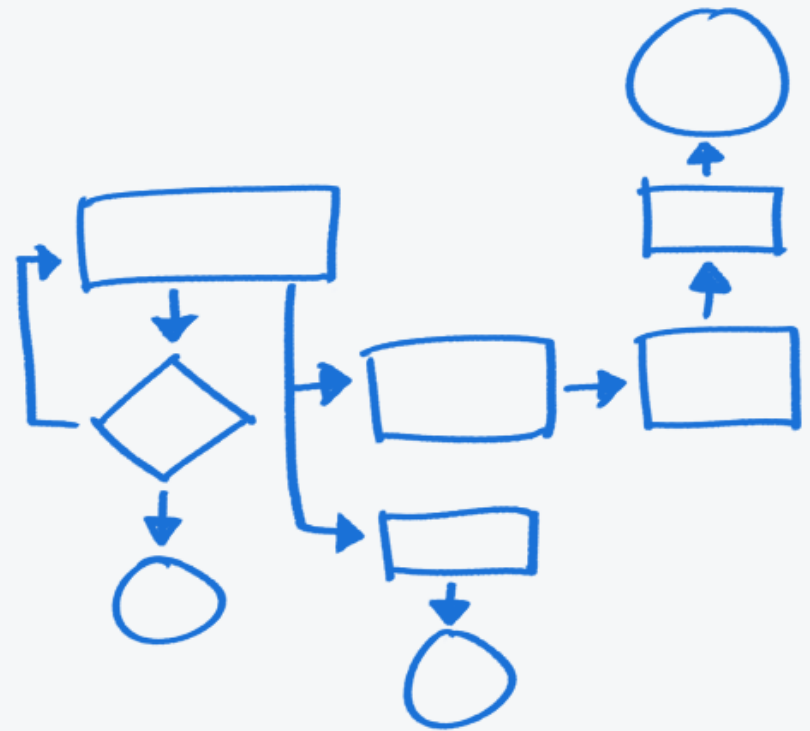
SEO Modules

- Meta Tags or Meta Tags Quick
- Page Title
- Global Redirect
- Redirect
- XML Sitemap
- Translation Redirect (i18n)



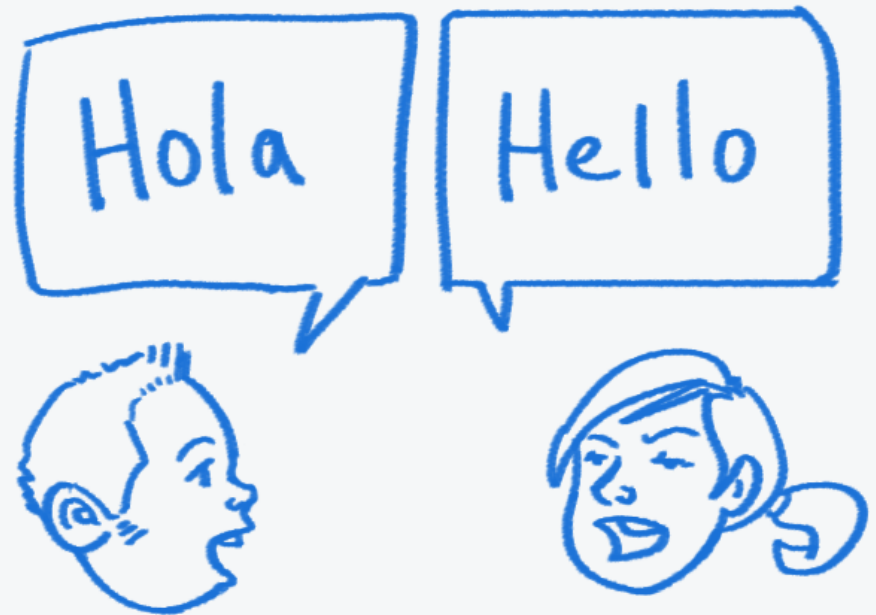
Admin/Workflow Modules

- Administration Language
- Translation Overview
- Translation Table
- Translation Management Tool



Third Party Translator Modules

- Translation Management Tool sub-modules
 - Supertext
 - Microsoft
 - Google
 - Nativy
 - Gengo
- Lingotek
- iCanLocalize (D6)
- OneHourTranslation



Drupal 8!

Drupal 8
Multilingual
Initiative



Learn More

- [Groups.drupal.org](https://groups.drupal.org)
 - i18n
 - translations
- [Drupal.org](https://drupal.org) Forums
 - translations
- IRC
 - #drupal-i18n
- [Drupal.org](https://drupal.org) docs
 - Multilingual Guide
 - i18n How To
- hojtsy.hu
- kristen.org



Have patience

It takes time.



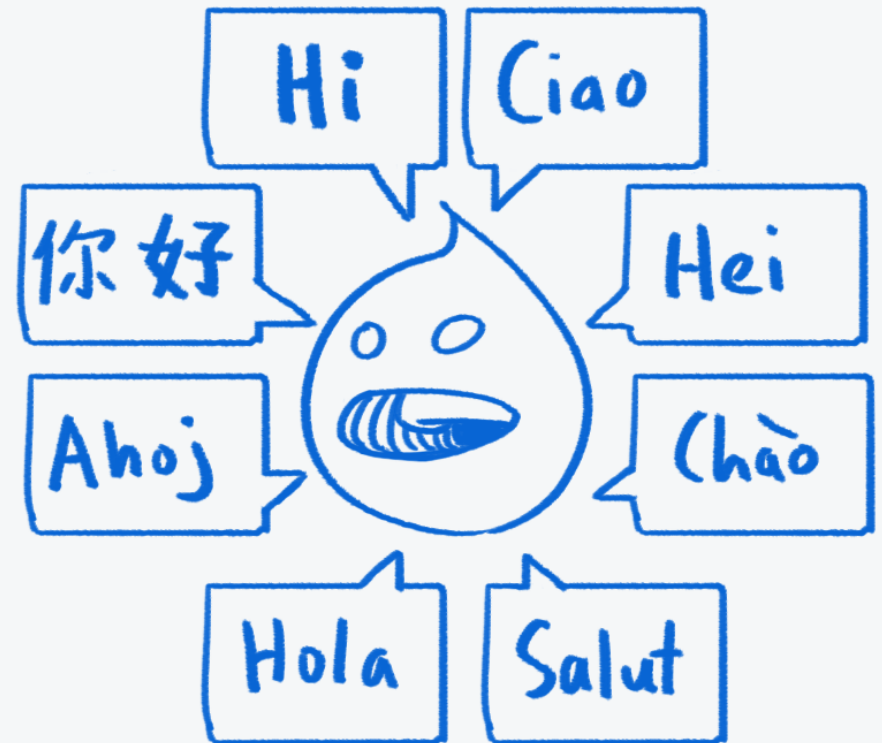
Don't give up

You can do this!



Build a better Drupal

You can make a difference :)



Questions?



THANKS!

Questions: answers@hook42.com



Thanks, Joe!

Raffle!



Courtesy of Packt :)