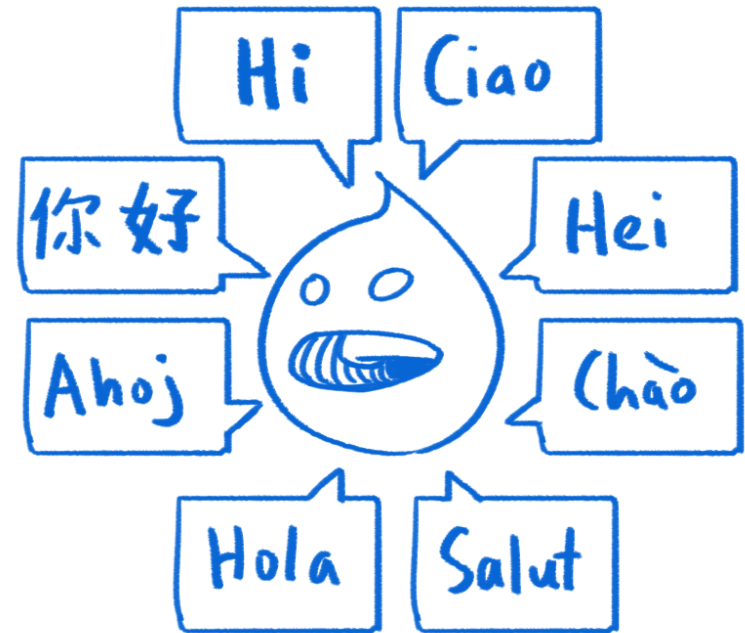# Drupal 8 Multilingual Lab - Get Started!

1. Install an instance of Drupal 8 (**beta16**)

2. Download the Step-by-Step guide

    http://tiny.cc/d8mi-handout

3. Need help? Find a mentor!

4. Can't get D8 running? Find a partner!

5. This slide deck: http://tiny.cc/d8mi-slides

6. https://simplytest.me/

Drupal 8 Multilingual Hands-On Lab

Provided by the global Drupal 8 Multilingual team.
Compiled by Gábor Hojtsy & Aimee Degnan

"With content + config
translation in Core,
D8 Core is more Multilingual
than D7 with all of contrib"

- Tobias Stöckler via Twitter (@tstoeckler)

Rodrigo Aguilera

Drupal developer at Ymbra

D8MI contributor

@marinero

drupal.org/u/rodrigoaguilera

1100+ Contributors!

-enzo- 1ethylotest 5ven 12345678912345678 a.ross a1russell aaronaverill aaronott Abhishek_R_Shah ACF achton acrollet adam7 AdrianB afeijo agentrickard agrozyme ainigma32 aitiba AjitS akahn akejoha akozma akshay.swnt22 Alan D. Alan Evans alansaviolobo alarcombe alberto56 Albert Volkman alduya alexanderpas alexh58 alexkb **alexpott** Alex UA alexweber alex_b Alice Heaton **alimac** alippai almaudoh aloyr Alumei alvar0hurtad0 alweb amateescu Amitaibu amitgoyal amontero amourow anarcat anavarre ancamp andrei.dincu andrejsmuzikovs andremolnar Andrew Schulman andyceo andymartha **andypost** aneek animelion annikaC anrikun Antti J. Salminen Anybody ardas areke arianek aries arkestra arlinsandbulte Aron Novak aroq artem.aryan Artusamak arunaseva aschiwi AshishK ashwinikumar asif_khan aspilicious attiks attila.fekete aturetta August1914 axel.rutz ayelet_Cr a_thakur a_webb babasse05 babruix balagan balintcsaba balintk bannorb **BarisW** barraponto batigolix bbinkovitz bechtold beejeebus bendev benjf benjifisher benjy BenK bensemmel **Berdir** beretta627 bforchhammer bfroehle biro.botond bisonbleu bjaspan blackdog bleen18 blueminds BMDan Bodo Maass bojanz **Bojhan** Bojhan.core Boobaa bookmarvel boran borisbaldinger boris sondagh botanic_spark bowersox boztek brantwynn brianV BrightBold BrockBoland **bserem** bshaffer bsherwood Buratino42 c-c-m c4doug c31ck c960657 CaDyMaN caktux calliandra cam8001 Carl Johan carsonevans **Carsten Müller** carwin casey **catch** cbiggins cburschka cesarmiquel cha0s chakrapani **Charles Belov** charmi chr.fritsch chrisbloomfield chrischinchilla Chris Dart chrishks chrisjlee chrispomeroy Christopher James Francis Rodgers **chx** cilefen cirage CKoch clashar claudinec Claudis claudiu.cristea clemens.tolboom CMS Dude colan colbol cordoval corvus_ch cosmicdreams Cottser Countzero cpelham craychee Crell crispiatico crotown **csakiistvan csc4** csg cshuangtw cs_shadow cweagans cwgordon7 Cyberschorsch Cyberwolf Cyclodex czigor dado Daemon_Byte daffie dagmar dagmita dags damiankloip DamienMcKenna Damien Tournoud danielnolde danillonunes DanPir danylevskyi das-peter dasjo dasrecht Dave.Ingram Dave Cohen Dave Reid david.lukac David Hernández David Lesieur David Strauss David_Rothstein **dawehner** dbazuin dboulet dcam dclavain dcmistry dcmouyard dcrocks dddave deepakaryan1988 delmarr DeNelo denjell derek.deraps derEremit dermario desbeers develCuy deveshpal **Devin Carlson** devuo DickJohnson diego21 diqidoq disasm dixon_ djdevin DjebbZ dlu dman Dmitriy.trt DmitryDrozdik docker dodorama dokumori donquixote douggreen dpearceMN dpi Dragan Eror drewish Dries drifter dropcube dropfen droplet drubage drunken monkey drupalninja99 drupleg dsnopek dtarc DuaelFr dubcanada dudycz duellj durifal Dustin@PI dutchyoda DuttonMa dvinegla dww dysrama **Désiré** e0ipso e2thex earnie eaton ebeyrent ebrowet Ec1ipsis echoz **EclipseGc** edmoran edrupal edward_or effulgentsia **eftimitac** ehegedus eigentor ekes **el7cosmos** elachlan elcuco eleisoncruz elfur Eli-T Elijah Lynn **EllaTheHarpy** emarchak emma.maria eojthebrave epari.siva er.pushpinderrana ericduran ericski Eric_A ershov.andrey eshta **estoyausente** eugenesia eule Everett Zufelt evolvingweb ezeedub ezra-g Fabianx fabpot fabsor **fago** fakingfantastic falcon03 Fannon fastangel fenda fgm Fidelix fietserwin filijonka FiNeX fjd Fleshgrinder floretan FMB fmizzell foopang FrancescoQ Frando Frank Ralf **fran seva** franskuipers franz Freso fubhy fureigh fwalch g3r4 gabriel.achille Gabriel Radic Gaelan gaele gagarine garphy Garrett Albright gaspaio gaurav.goyal gaurav26570 gauravkhambhala gausarts gbentley geerlingguy generalredneck geoffreyr george.echim Georgii Gerhard Killesreiter giorgio79 GiorgosK gloob gnuget gobilo good_man googletorp gpapadongonas Grayside greenc greenSkin greg.1.anderson greggles **Greg Sims** grisendo guillaumev gumanist gusgsm1 guygg guy_schneerson gyuhyon h3rj4n Hadi Farnoud hairqles **Hanno** hansfn hardy99 harrrrrr hass Haza hbblogger heather heddn hefox hejazee helenkim hellolindsay henribergius **herom** heyrocker hinikato HnLn holly.ross.drupal holtzermann17 hpz hron84 hswong3i hussainweb Hydra iamEAP ianthomas_uk ibullock IceCreamYou2 icseh. idflood ifrik ifux Ignacio Sánchez iliphil iMiksu indytechcook InternetDevels intuited IshaDakota itarato ivanchaer ivanjaros Ivan Zugec izmeez izus j.somers j0rd Jacine jackhutton JacobSanford jagalbraith jair Jake081 **Jalandhar** jamesharv jamesliu78 jamiehollern jamienotweet **janoka** janusman japicoder jaredsmith javisr jayboodhun JayMN Jaypan Jaza jbrown jcisio jdanthinne jeanfei Jeff Burnz Jeffrey C. jefkin Jelle_S jeni_dc jenlampton jepSter jerdavis Jeroen JeroenT jessebeach jessehs jgSnell jhedstrom jherencia **jhodgdon** jibran jimyhuang JirkaRybka jiv_e jjcarrion jlbellido jlscott jmesam jmmarquez jmolivas jnicola joachim joates Jody Lynn joelpittet joewatkins JohnAlbin John Bickar johnheaven johnish johnv JonMcL Jon Pugh joris.verschueren **Jose Reyero** joshi.rohit100 JoshuaRogers jpd4nt jrglasgow jsbalsera jstoller jthorson juhovh JuliaKM julien JulienD junedkazi jvieille jvns jwilson3 **k4v** kalabro kalman.hosszu KarenS Karmen Kartagis katbailey kathyh kbasarab kbentham KCarlile kcouch keith.smith kevee Kevin Morse **kfritsche** kgoel **kholloway** kid_icarus kika killes@www.drop.org killua99 kim.pepper Kiphaas7 klausi klonos kmharrell knalstaaf kompressaur KRaisor kreatIL KrisBulman Kristen Pol kristiaanvandeneynde kristintko krlucas ksenzee kurt.iverson lambic langworthy lanthaler **larowlan** LarsKramer Lars Toomre LAsan laura.johnson laurii **lazysoundsystem** LeeHunter leenwebb leeotzu legaudinier Leksat **Lendude** leschekfm Les Lim Letharion LewisNyman Liam McDermott Liam Morland likin lilou linclark LinL liquidcms lisarex LittleViking litwol lixiphp Imeurs loganfsmyth lokapujya lokeoke LoMo lonelyrobot longwave lostkangaroo lotyrin LoveCharge lpalgarvio lslinnet lsmith77 lucascaro luismagr Lukas von Blarer lund.mikkel Luxian lvbeck lydie m1r1k maciej.zgadzaj MacMladen Mac_Weber maggo magico Malerio manningpete MantasK manu4543 Manuel Garcia marcel66 Marc Hannaford marcingy marco marcoscano marcushenningsen marcusx **marcvangend** marfillaster mariancalinro Mark Carver markie MarkusDBX markus_petrux Mark_L6n marthinal **martin107** martin_q maryedith mas0h mashermike matason MathieuSpil matsbla matt2000 MattDanger mattyoung Maune **mauzeh** mavimo maxchock maxterner23 maxtorete mbyrnes mcrittenden mdrummond mducharme MegaChriz merlinofchaos mermenggc mesr01 mfb **mgifford** mgriego mhagedon MHLut MichaelCole michaelfavia michaellenahan michaelmol Michelle micnap mikeryan mikewink mikey_p mikispeed mikl Mile23 minff mioan Mirabuck mirocow miro_dietiker mitchell mitron mitsuroseba Mixologic mjohnq3 mjorlitzky mjreich mkapst mlecha mlehner616 mlncn mmilano moe4715 mondrake mongolito404 **mon_franco** mortendk moshe weitzman mparker17 mpg mr.baileys mr.york mradcliffe mrded mrf MrHaroldA mrjmd mrP mrsinguyen msonnabaum mstrelan mtift mtomaizy mustafau MustangGB mvc my-family n3or nadavoid nagwani NancyDru natuk naught101 naveenvalecha naveko naxoc nbz neclimdul nedjo neetu morwani nerdstein nevergone nevets ngocketit nicholosophy nick_schuch Nick_vh nicu nicxvan nikhilasrani nikhilsukul nikkubhai Niklas Fiekas niko- NITEMAN Nitesh Sethia nkschaefer **nod_** Nomes NonProfit nonsie NotNotCow no_angel no_commit_credit no_longer_active_13 nvinayvinay nyirocsaba nyleve101 oadaeh oheller olli omar omercioglu omers OnkelTem opi oresh oriol_e9g oussema Outi Owen Barton Pafla **pameeela** Pancho Paracetamol parasite ParisLiakos parthipanramesh Pasqualle patrickd paularmand **Paul Broon paulmckibben** pcambra pdrake Pedro Lozano pedrop **pefferen** penyaskito perusio peximo pflame **pfrenssen** phiit philbar philipnorton42 philipz pillarsdotnet Pinolo pixelite pixelwhip piyuesh23 pkiraly **plach** Plascual plopesc pmackay pmelab podarok Pol pounard pp pplantinga PrabhuG Prashant.c prashantgoel prateek479 pratik60 prodosh psynaptic purabkharat pwieck pwolanin qgil quicksketch quietone rachel_norfolk rachit_gupta rahul.shinde rahuldolas123 RajeevK Rajesh Ashok rak2008 rameshbabu.g ramlev Ranko rasskull rbayliss rbosscher rbunch rdickert rdrh555 realityloop redndahead reglogge renat rfay rhabbachi ricardoamaro rickmanelius rickvug rkjha rli rlmumford **robertdbailey** robertgarrigos Roberto Gerola Robin Millette Robin Monks RobLoach robmc RobW rocket_nova roderik rodrigoaguilera RodrigoBalest ronald_istos rooby RoySegall rpayanm rpsu rszrama rteijeiro rudiedirkx Rumato rupl russo79 rvilar rwt ry5n ryanissamson Ryan Weal rych sahain saki007ster salvis Sam152 sandipmkhairnar sandykadam savithac Sborsody Schnitzel scor sdboyer SeanBannister SeanKelly SebCorbin sebi segi seiplax Sephi77 seranooo5 sergeypavlenko Sethie sethiele seutje sfyn Shai shanethehat Sharique Shellingfox shenzhuxi shixish shuklasp Shyamala sidharthap **sihv** SiliconMind Sill silverdog silverwing simolokid Simon Georges sinasalek sir_squall **skipyT** skwashd slashrsm slowflyer smiletrl smithworx smokris snufkin Snugug socketwench soipo Soul88 sourcesoft spacereactor spearhead93 speely Spleshka Stalski starchild stefan.r Stefan Nagtegaal steinmb stella stephen.colson Steven Jones stevepurkiss stijndmd stkrzysiak stpaultim StryKaizer StuartJNCC Sumeet.Pareek **sun** sun.core superspring surandesilva surgeonbor sushantpaste sushyl **Sutharsan** svendecabooter svenryen swastik1608 Sweetchuck **swentel** sxnc Sylvain Lecoy sylvain_a szato T-lo tammo tarmstrong tatarbj te-brian tedbow tetranz thamas thechanceg thedavidmeister thegreatone thehong thePanz theunraveler the_phi ThisIsDog thlafon thomas4019 thomastorfs Thomas_Zahreddin ti2m tim-e **tim.plunkett** Tim Bozeman timmillwood timofey tinker tkoleary tky tloudon tobiasb toemaz tomreavley tomsm Tor Arne Thune torpy TR Transition TravisCarden trevjs tsi **tstoeckler** tsvenson twistor TwoD twomasc typhonius Uccio Ujin ultimike underq ursula vaartio vaibhavjain valdo valokettu valthebald Vapes vasi1186 vasike vastav **vijaycs85** Vikas Negi virgo visabhishek VladSavitsky vlkff vollepeer voxpelli vuzzbox vyasamit2007 vzblk walkah wamilton weakqueen99 **webchick** webflo webkenny webmozart webwarrior westie wilco WilliamB willieseabrook wiltyk **Wim Leers** wjaspers wmostrey wojtha wooody WormFood wrg20 wroxbox wusel xaav **Xano** xecstasyx Xen xjm xmacinfo xpound xslim XTCHost yang_yi_cn yanniboi yannickoo yannisc **yched** **YesCT** ygerasimov yhager yohannbzh yoroy ytsurk yukare yurtboy z.stolar ZenDoodles zerodeux zetagraph zirvap zkday znerol Zoltán Balogh zroger zschmid zserno zuuperman

About the lab...

BUILD on concepts due to complexity

QUICKLY cover many topics

LOCAL D8 installation is preferred

MENTORS can help

INFORMATION for post-lab reference

Overview

SITE Demonstration

D8 MULTILINGUAL concepts & terms

INSTALLATION

LANGUAGE MODULE + create site structure

INTERFACE TRANSLATION

CONTENT TRANSLATION

CONFIG TRANSLATION

TRANSLATION WORKFLOW

WRAP-UP + more information

D8 Multilingual Concepts

LANGUAGE

Base services for all modules dealing with data.

Not just multilingual.

INTERFACE

Interface translation has a built-in update feature and improves usability.

CONTENT

Field translation in a built-in API for all entities.

Content translation provides user interface

CONFIG

Common configuration system handles blocks, views, field settings.

Unified translation.

Lab resources

Step-by-step:

http://tiny.cc/d8mi-handout

Start the demo!!

Launch on SimplyTestMe:

http://simplytest.me/project/multilingual_demo/8.x-1.x

Multilingual Demo on Drupal.org:

https://www.drupal.org/project/multilingual_demo

Start the lab!

Step-by-step: http://bit.ly/d8mi-lab-handout

Finishing Up

So much information, so little time.

Translation Workflow

CONTRIB will handle translation workflow

DOCUMENTATION efforts need help

TESTING efforts need help

COMPLEXITY increases due to fallback language settings

Reference Links

Multilingual Demo:

https://www.drupal.org/project/multilingual_demo

MANY THANKS TO KRISTEN POL AND JEFF MAHONEY!!

Multilingual Demo (Simply Test Me):

http://simplytest.me/project/multilingual_demo/8.x-1.x

D8MI Information:

http://drupal8multilingual.org

Gábor Hojtsy on Multilingual in Drupal 8:

http://hojtsy.hu/multilingual-drupal8

Questions?
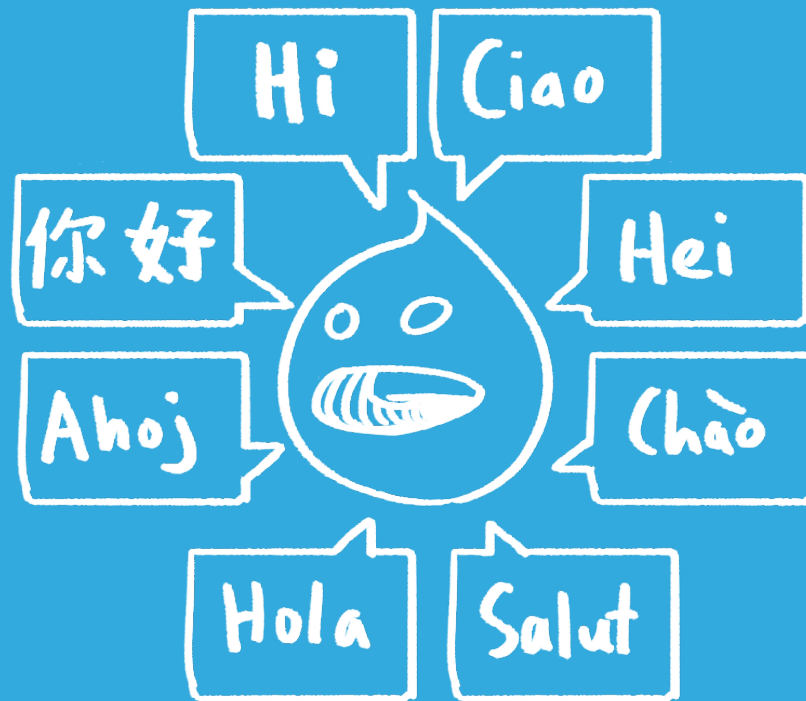
answers@hook42.com

Appendix

All the extra stuff you don't need to print.

Cathy Theys

Drupal 8
Contributor
and Mentor

@YesCT
BlackMesh.com
YesCT.net

Introductions

Gábor Hojtsy	Aimee Degnan
D8ML Lead	Author Drupal 8 Multilingual
Drupal Developer	Websites, CMS Architect
@gaborhojtsy	@hook42inc
Hojtsy.hu	Hook42.com

Cathy Theys

Drupal 8
Contributor
and Mentor

@YesCT
BlackMesh.com
YesCT.net

Rodrigo Aguilera

Drupal
developer
at Ymbra

@marinero
rodrigoaguilera.net
ymbra.com

Aimee Degnan

Drupal Architect

Author Drupal 8 Multilingual Websites

@hook42inc

@aimeeraed

hook42.com

Introductions (template)

Name Name

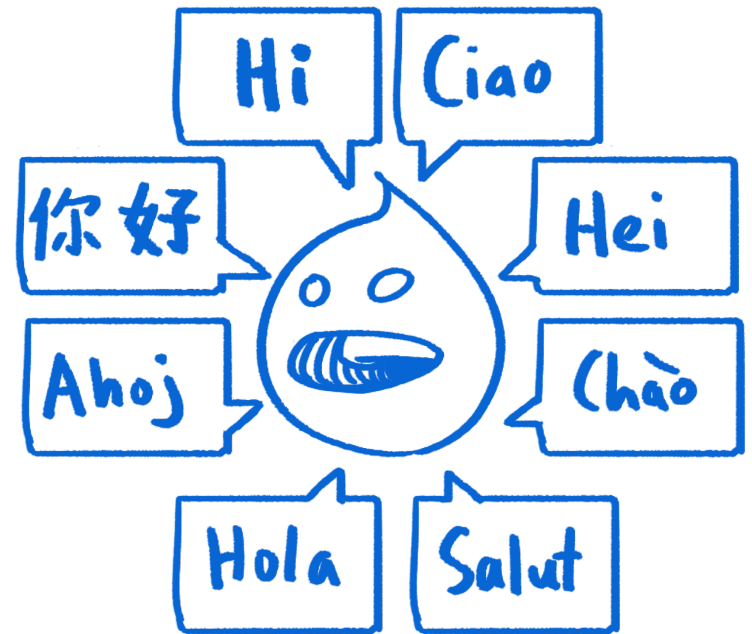Position Name
Position Skills

@twitter
url.com

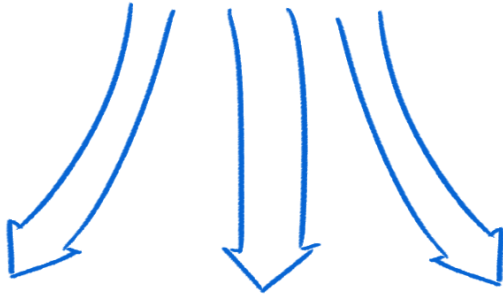Name Name

Position Name
Position Skills

@twitter
url.com

answers@hook42.com