

From D7 to D8: My experience

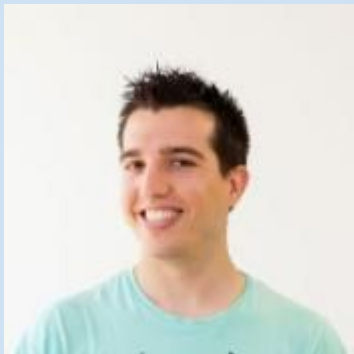
Drupal Day Murcia 2015



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You already know me from...



José Luis Bellido
(jlbellido)

Other sessions like:

- [Render API - DrupalCamp Spain 2015](#)

Member of:

- [Asociación española de Drupal](#)
- [Drupal Sevilla](#)

You can find me:

- [@jose_lakatos](#)
- [https://www.drupal.org/u/jlbellido](#)
- [https://github.com/jlbellido](#)



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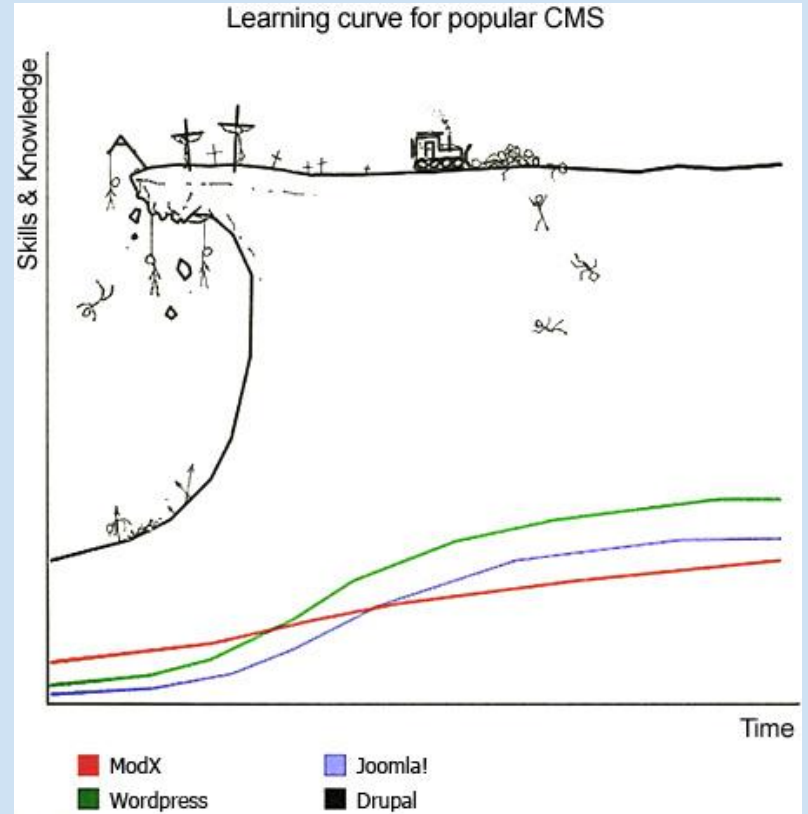
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We're hiring!



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Why Are we here today?



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- Background && Context.
- Reset yourself.
- Useful points of documentation.
- Useful tools.
- Looking back.



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1. Background & Context.



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1. Background && Context : Why Drupal 8?



- Only a few contrib modules.
- Release planned for at the same time that Drupal 8.0.0 should be.
- Research project.
- Drupal 8 already includes some of the desired features.
- Contribute back!



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1. Background && Context : Previous sessions.



Thinking about starting *now* a project with
Drupal 8? Here is my story. by @penyaskito



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2. Reset yourself.



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2. Reset yourself : My starting point



- Drupal developer for 3+ years
- Lack of a real experience with other technologies.
- Learned about good practices hard to implement in drupal 7.
- Living in the island.
- Attendee of several events.



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2. Reset yourself: Forget almost all.

"Just keep in mind the concepts and good practices. Forget everything else."



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2. Reset yourself

“Read and learn modern PHP concepts. Traits, Plugins..Will be your friends.”

Must read: <http://www.phptherightway.com/>



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2. Reset yourself

“Don’t stay in the surface. Dig in the concept.”



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2. Reset yourself

“Reset and review your current development process”



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2. Reset yourself

“The best examples you can find are in Core!”



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2. Reset yourself

“Have a good test coverage in your project and maintain it.”



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3. Useful points of documentation.



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3. Useful points of documentation:

Change records for Drupal core

Published Draft Review

[Add new change record](#)

Keywords

Introduced in branch

Introduced in version

Change node created Is greater than or equal to ▾

Impacts
Site builders, administrators, editors
Module developers
Themers

Introduced in branch/version	Notice created ▾	Change
8.0.x	18-Nov-2015	Views no longer uses fields on base tables when they also exists on the data table
8.0.x / 8.0.0	16-Nov-2015	New ContentEntityStorageInterface added
8.0.x / 8.0.0	16-Nov-2015	New hook_entity_field_values_init() and hook_entity_translation_create() added
8.0.x / 8.0.0-RC4	13-Nov-2015	Entity reference Selection plugins are now responsible for validating the values of an entity reference field
8.0.x / 8.0.0-rc4	13-Nov-2015	node--type-TYPE body class in Classy theme changed to page-node-type-TYPE
8.0.x / 8.0.0-rc4	13-Nov-2015	Many methods for generating URLs and links deprecated; EntityInterface::toUrl() and EntityInterface::toLink() added

[Drupal.org change records.](#)

[@drupal8changes](#)

Development

[View pending patches](#)

[Browse code repository](#)

[View commits](#)

[Report a security vulnerability](#)

[View change records](#)



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3. Useful points of documentation:

Drupal Contrib Tracker

Project branches ▾ Issue priorities ▾ Issue Category ▾

Needs research (3)

[commerce_discount_product_category] Commerce Discount Product Category #2613944

8.X-0.X-DEV MINOR MODULE

No Port Active (50)

Proposal: D8 Contrib Office Hours #2612094

8.X-0.X-DEV CRITICAL DISTRIBUTION

ASSIGNED: 24967 TASK

Work Started (50)

[pathauto] Pathauto #2573683

8.X-0.X-DEV CRITICAL MODULE

[ctools] Chaos tool suite #2574395

8.X-0.X-DEV CRITICAL MODULE

ASSIGNED: ECLIPSEGC

Has Alpha/Beta (50)

[panels] Panels #2574421

8.X-0.X-DEV CRITICAL MODULE

ASSIGNED: JAPERRY

[nivo_slider] Nivo Slider #2611346

8.X-0.X-DEV MAJOR MODULE BUG

Has RC (6)

[examples] Drupal Examples for Developers #2578721

8.X-0.X-DEV CRITICAL MODULE

[superfish] Superfish #2574839

8.X-0.X-DEV NORMAL MODULE

Stable release (37)

[google_analytics] Google Analytics #2574649

8.X-0.X-DEV NORMAL MODULE

[bad_judgement] Bad judgement #2575087

8.X-0.X-DEV NORMAL MODULE

Drupal 8 Contrib Porting Tracker

Drupal 8 Contrib Porting Tracker

Issues for Drupal 8 Contrib Porting Tracker

Login or register to create an issue [Advanced search](#)

Search for

Status Priority Category Version

Component

Displaying 50+ issues.

[Hide irrelevant issues](#)

Summary	Status	Priority	Category	Version	Component	Replies	Last updated	Assigned to	Created
[autocomplete_deluxe] Autocomplete Deluxe	Active	Minor	Plan	8.x-0.x-dev	Module	1	2 min 23 sec		2 min 23 sec
[adaptive_image] Adaptive Image	Needs work	Minor	Plan	8.x-0.x-dev	Module	1	41 min 51 sec		41 min 51 sec



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3. Useful points of documentation:

Drupal API Documentation

Drupal 8

[Drupal 4.6](#) [Drupal 4.7](#) [Drupal 5](#) [Drupal 6](#) [Drupal 7](#) **[Drupal 8](#)**

Welcome to the Drupal API Documentation!

This site is an API reference for Drupal, generated from comments embedded in the source code. More in-depth documentation can be found at <https://www.drupal.org/developing/api>.

Here are some topics to help you get started developing with Drupal.

Essential background concepts

- [Object-oriented conventions used in Drupal](#)
- [Extending and altering Drupal](#)
- [Security and best practices](#)
- [Types of information in Drupal](#)

User interface

- [Menu entries, local tasks, and other links](#)
- [Routing API and page controllers](#)
- [Forms](#)
- [Blocks](#)
- [Ajax](#)

Storing and retrieving data

- [Entities](#)
- [Fields](#)
- [Configuration API](#)
- [State API](#)
- [Views](#)
- [Database abstraction layer](#)

Other essential APIs

- [Plugins](#)
- [Services and the Dependency Injection Container](#)
- [Events](#)
- [Internationalization](#)
- [Caching](#)
- [Utility classes and functions](#)
- [User accounts, permissions, and roles](#)
- [Render API](#)
- [Theme system](#)
- [Update API](#)
- [Migration](#)

Additional topics

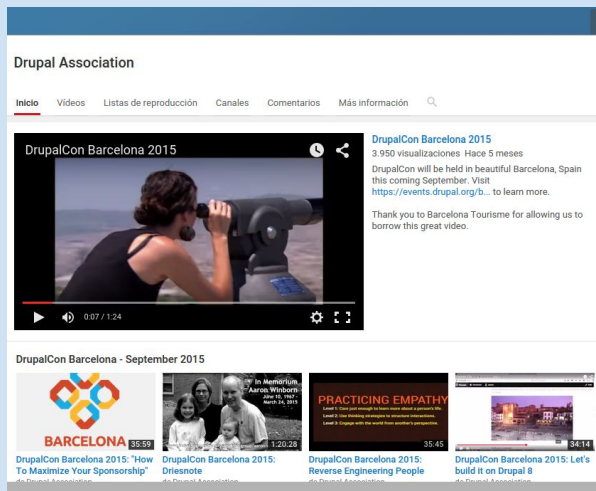


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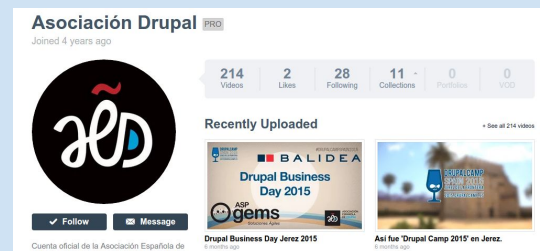


3. Useful points of documentation:

*Youtube channel of
Drupal Association*



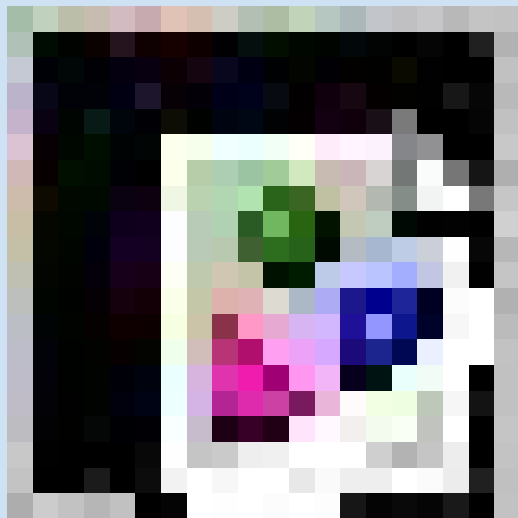
AED's channel in Vimeo



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3. Useful points of documentation:



*The Examples
module*

- New examples:
 - Content entity example.
 - Config entity example.
 - Tour example.
 - Plugin system example.
- Already ported examples:
 - Cache example
 - Field permission example
 - js example

Your help is needed for having more examples!



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4. Useful Tools.



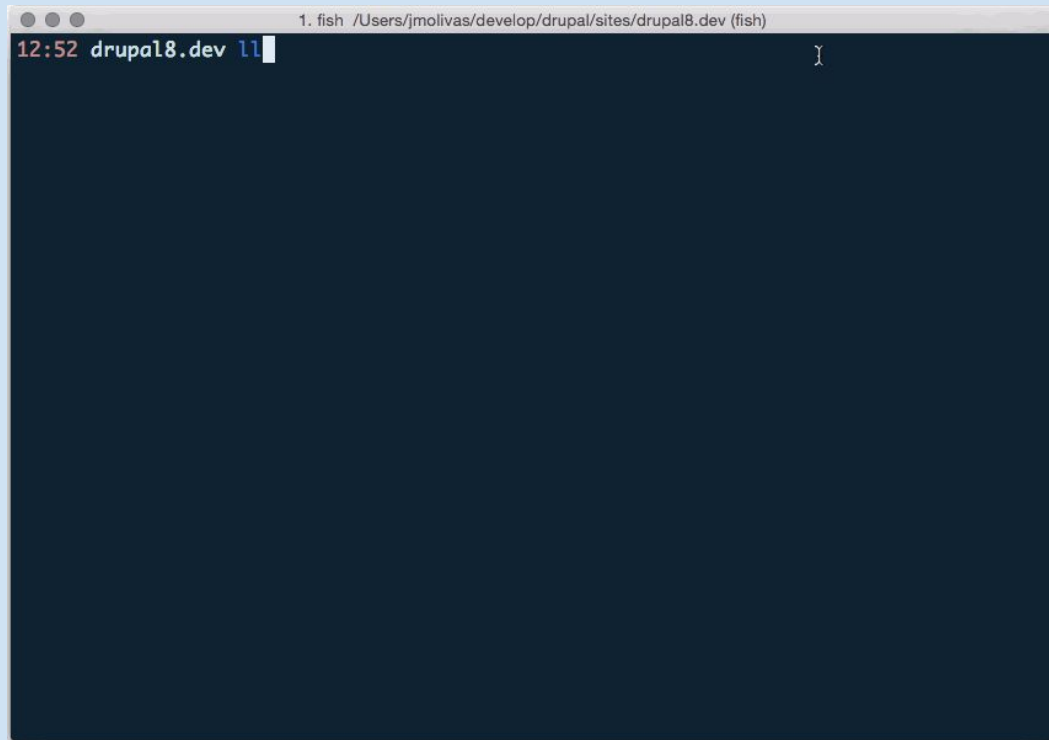
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4. Useful tools: Drupal Console

Drupal Console

<http://drupalconsole.com/>



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4. Useful tools: Drush VS Drupal Console



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4. Useful tools: Drush & Drupal Console

Drush from Drupal Console: `$ drupal drush [arguments]`

Drupal Console from Drush: [Call Drupal Console commands natively from Drush #1337](#)



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4. Useful tools

XDebug

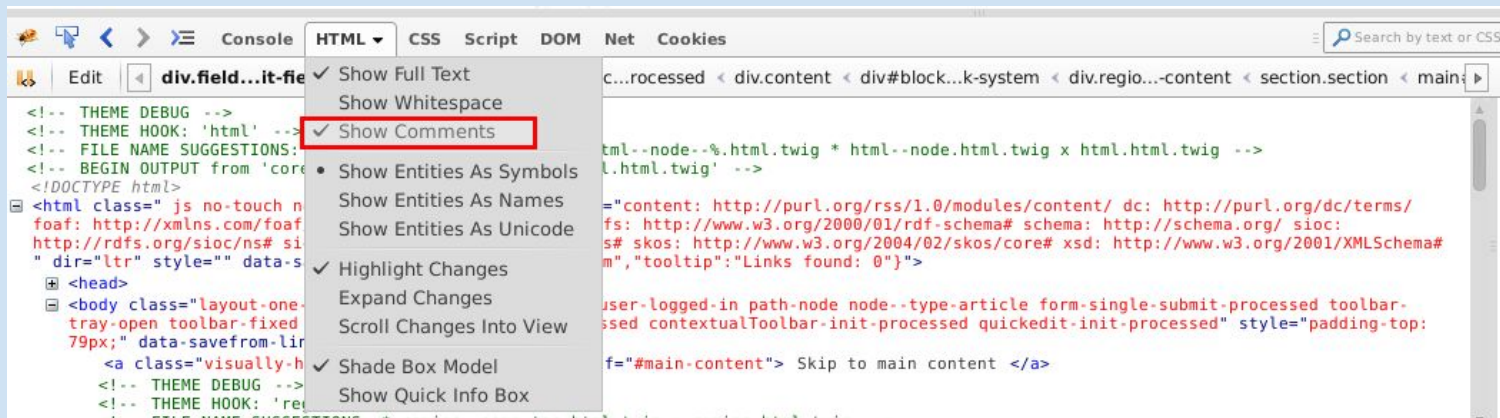
- dpm() now is not useful.
- Knowing better how it's built.
- Run custom short scripts in run time!
- Definitely required.

PHP Debugging [AED: Virtual BoF]



4. Useful tools

Debugging Twig Templates



```
parameters:
  twig.config:
    debug: true
```



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4. Useful tools



- Included in Devel (D8+).
- Search and inspect final queries run!
- Tons of other tools!



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4. Useful tools



Composer && Composer manager

- We're getting out the island!
- Using Composer in a Drupal project.
- Composer in relation to Drush Make



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5. Looking back



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