How am migrating JeffGeering.com from Drupal 7 to 8 "It'll be easy," they said.

Jeff Geerling (@geerlingguy) at



Hello, I'm Jeff Geerling (a.k.a. geerlingguy)



"It'll be easy," they said.

"It'll be easy," they said.

Narrator: *It was not easy.*





Source: https://www.youtube.com/watch?v=vu2NK5REvWM





Source: https://www.youtube.com/watch?v=vu2NK5REvWM



98 "We'll be done soon, I promise!"





98 "We'll be done soon, I promise!"



- c. 2004: Thingamablog
- c. 2009: Drupal 6
- c. 2011: Drupal 7 (migrated)
- c. 2018: Dark mode redesign
- 2020: Migrating to Drupal 8!

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Life is a Prayer.com

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Blog - Matthew 12:37 (Life is a Prayer.com)



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Crusaders for Christ Theseus and the Minotaur Duel of the Seminarians SLU for U (Animations)

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Seminarians in Cassocks "The Thrill of the Chaste" C.S. Lewis and Latin Priestie Boyz - Lost in Ecstasy "Wives, Submit to Your Husbands..." Wednesday, June 27, 2007

Summer of Movies - 'Bella' is a Stand-Out

This summer has been laden with tons of movies; some good, some really bad, and a few that were excellent (I still haven't watched Ratatouille, but I have high expectations... it's a Pixar film!).

I'd like to highlight one film that I first heard about a few months ago, and just viewed at a screening by a really cool group, <u>Guys for Life</u>, last night. The movie, 'Bella,' is a story about a woman who wants to have an abortion, but has a male friend who cares about her and wants to show her the value of life.



There are two main watershed parts of the movie, and both scenes are meaningful and well

- c. 2004: Thingamablog
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Jeff Geerling



Web and App Developer - St. Louis, MO

Current Position: Technical Architect, Acquia

You might also know me as <u>geerlingguy</u> (my username most places online). <u>View my resume</u>, <u>visit my personal website</u>, or <u>send me an email</u>.

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- Book: <u>Ansible for DevOps</u>
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Migration Goals

- Preserve all content
- 'Lift and shift' (limit scope creep, no redesign!)
- Preserve all URLs, redirects, SEO optimizations
- Be able to reinstall site at any point during the migration
- Use modern goodies like:
 - GitHub Actions for CI
 - Composer

Total time: 98 days (abs) \approx **30 hours**

Total time: 98 days (abs) \approx **30 hours**

(SO far...)

Highlights

Configuration Management made re-installation and changes easy.

migrate-upgrade mostly did everything as if by magic.

Almost all my D7 modules were available in D8.

Almost all my D7 modules were available in D8.

(let the "Upgrade Status" module help!)

Drupal

Download & Extend Distributions

Drupal Core

Modules

Themes

Upgrade Status

View

Version control Automated testing

By sun on 31 May 2008, updated 28 January 2020

Drupal 7 and earlier

This module checks the list of projects you have installed and shows their availability for newer versions of Drupal core, which can be one of the following:

- Available: A stable release of this project is available.
- In development: A development release of this project is available, which can be installed for testing purposes.
- Not ported yet: There are no releases available for this project.
- **Replaced by**: A list of other modules that have superseded this one.

For each module, the report will show you notes about upgrading the project, as well as a link to download the new version.

Drupal 8 and later

This module scans the code of the contributed and custom projects you have installed, and reports on any deprecated code that must be replaced before the next major version. Available project updates are also suggested to keep your site up to date as project will resolve deprecation errors over time.

Due to third party PHP library dependencies, the module needs to be installed with Composer.

\$ composer install --dev \$ composer require 'drupal/upgrade_status:^2.0'

If you have an existing Drupal 8 site that does not use Composer, this may be a good time to make the move. Composer is a tool to download and manage the different dependencies a Drupal site has, making sure that all their requirements are met.

ncludes: Chaos tools

ebform 7.x-4.19

Upgrade status

nalyze your site's Drupal 9 r

Example.com Form Tool

CDN 8.x-3.3

Chaos Teels 8.x-3.0

Refirect 8.x-1.3

Upgrade Status 8.x-1.0-alpha5+3-dev

al formula configurator 7.x-1.2

ecommended version: 8.x-5.1 (2019-Jan-02)





LIST UPDATE

Available Å

Download Release notes

In core 🔔

Form Wizard.

No available update data Å

In development: 8.x-1.0-alphaI 🔔

Download Release notes

Download Release notes

In core 🗸

Available Å

Download Release notes

Download Release notes

Net scanned

O 4 errors, 2 warnings

O 1 error, 4 warnings

V No knowe error

O 1 emar Net scanned
 Not scanned

Up to date

Up to date

8.8-1.4

Maintainers for Upgrade Status

Gábor Hojtsy - 158 commits last: 1 day ago, first: 1 year ago

herczogzoltan - 65 commits last: 11 months ago, first: 1 year ago

colan - 19 commits last: 1 year ago, first: 1 year ago

webchick - 49 commits last: 1 year ago, first: 6 years ago

xjm - 16 commits last: 4 years ago, first: 4 years ago

View all committers View commits

Issues for Upgrade Status

To avoid duplicates, please search before submitting a new issue.



Site building in D8 is SO much better.



Claro admin theme rocks.

Manage 🛨 Shortcuts	👤 Admin
Content 🚠 Structure 🔦 Appearance 🏟 Extend 🔧 Configuration 🤷 People 💵 R	Reports 🕜 Help 🔶
Home → This is a page title This is a page title ☆ View Edit Delete	
Title * This is a page title	Last saved: Not saved yet Author: admin
B I Image: Source B I Image: Source	Revision log message
Typical Catalan dessert made from cream and egg yolks, covered with a traditional layer of caramelized sugar to provide a crispy contrast.	Briefly describe the changes you have made.
	> Menu settings
Text format Filtered HTML V	✓ URL alias
Maecenas faucibus mollis interdum. Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh, ut fermentum massa justo sit amet risus.	Label
V Published	Specify an alternative path by which this data can be accessed. For example, type "/about" when writing an about page.
Save Preview Delete	> Comment settings
	> Authoring information

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Last saved: Not saved yet

Author: admin

Revision log message



Disappointments

migrate-upgrade mostly did everything as if by magic.

migrate-upgrade mostly did everything as if by magic.



Ĩ

Many migration issues are hard to debug.





Just spent an hour chasing down a lingering migration issue prepping for Episode 8 of Drupal 7 to Drupal 8 migration series on YouTube (issue link: github.com/geerlingguy/je...).

(a thread)



Getting 'Field discovery failed for Drupal core version 7.' when migrating . I... Full message: [notice] Field discovery failed for Drupal core version 7. Did this site have the CCK or Field module installed? Error: No database ... ⊘ github.com

3:50 AM · Mar 31, 2020 · Tweetbot for Mac

2 Retweets 5 Likes









Jeff Geerling @geerlingguy · Mar 31

Replying to @geerlingguy

After digging through the bowels of the Internet for "No database connection configured for source plugin d7_field_instance", and only finding like 2 semi-relevant links besides my own site... and about to give up and go to bed ...

I found a tweet from @DelishCreative (cont'd)

1J



 \heartsuit



Jeff Geerling @geerlingguy · Mar 31

It sounds like she had run through the exact same issues I did-endless debugging and having no clue where this mysterious message was coming from.

And I agree exactly with her first statement in the thread: "So much WTF."

1.

Jeff Geerling @geerlingguy · Mar 31

A lot of the Drupal 7 to Drupal 8 migration process has been like that. I know the migrate-incore initiative is officially "Mission Accomplished" — and I don't downplay the achievements they've made with such an incredible task.

But upgrading Drupal 6/7 to 8 is *hard*.

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Jeff Geerling @geerlingguy · Mar 31

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Jeff Geerling @geerlingguy · Mar 31

Anyways, here's the link to the thread mentioned earlier: twitter.com/DelishCreative...

In the end, somewhere in the bowels of Drupal's migrate modules, there must be a hardcoded instance of the database key "migrate". (cont'd)

🚯 Jeni Tehan @DelishCreative · Jan 30

There I was just working on my migrations when boom, they all disappeared. Logs now say they're malformed, "No database connection configured for source plugin d7_field_instance" and I'm not using that plugin anywhere. Fresh installs not helping. So much WTF.

Show this thread



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 \heartsuit

Jeff Geerling @geerlingguy · Mar 31

Because after an hour tonight (and a few hours other nights) tearing out my hair debugging rabbit holes in Migrate, I finally found what @DelishCreative did:

The moral of the story kids: Don't name your migration DB group anything other than "migrate".

I had called it `drupal7`







Jeff Geerling @geerlingguy · Mar 31

Anyways, I guess in the end, thank you @DelishCreative for posting this to Twitter, and preserving my sanity. You rock!

And Drupal 8 rocks—or it *will* rock once I get done with this migration project! 🤪

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Catholic dad and husband, author, developer,

maker. Sometimes called "an inflammatory enigma". #stl #drupal #ansible #k8s #raspberrypi #mac #crohns

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3

Theme upgrade is practically a rewrite.

Theme upgrade is practically a rewrite.

(but Twig is awesome!)

Local development environments are still not easy.



Local development environments are still not easy.

(I say that as the maintainer of Drupal VM)



Where am I today?

0 \odot

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jeffgeerling.com/d8-migrate



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(and subscribe to my YouTube channel!)

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