

Drupal as a Platform

A love affair with automation



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@nicxvan 774.242.2904

Crowd Participation

Is mandatory



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Co Host Talking Drupal

<http://talkingdrupal.com/live>

In business since 2008 Drupal 5.2x



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New Initiative

Module Release Task Force (MRTF)

Module Release Police

Version of Drupal Contrib Alliance [VODCA]

Thanks bayousoft and IRC



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Technology - Then



- Implementation
- Design
- Project overhead
- Other

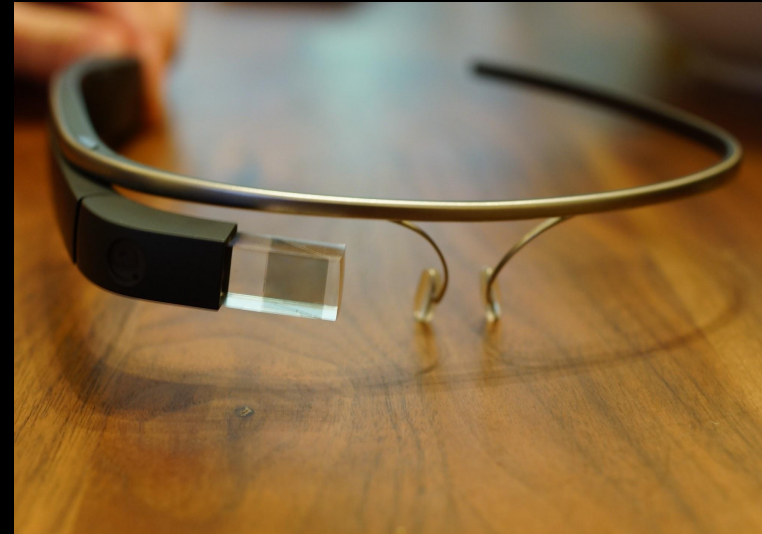


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Technology - Now

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What do people hire us for?

Content Strategy
Information Architecture
SEO
Project Management
Design

Experience!

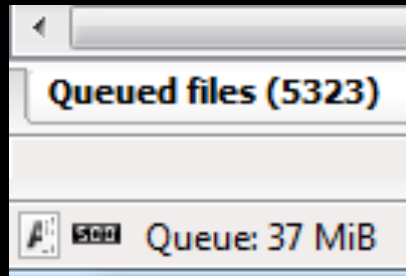


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In the beginning there was FTP

How not to build a Drupal site



Next there was SSH

CLI - a little better!

```
qwaszx@qwaszx-PC ~/dev/nlightstart/sites/all/modules
$ ls
admin_menu          google_analytics    node_export
checklistapi        insert              pathauto
colorbox            libraries           profiler_builder
content_type_overview metatag             README.txt
ctools              module_filter       redirect
date                mollom              strongarm
entity              nlight_checklist    switchtheme
faq                 nlight_start_blog   token
features            nlight_start_checklist uuid
field_collection    nlight_start_default views
fpa                 nlight_start_events webform
fullcalendar        nlight_start_gallery webform_validation
galleryformatter     nlight_start_restaurant_menu wysiwyg
globalredirect      nlight_start_testimonials xmlsitemap

qwaszx@qwaszx-PC ~/dev/nlightstart/sites/all/modules
$ tar -zxvf *.gz
```

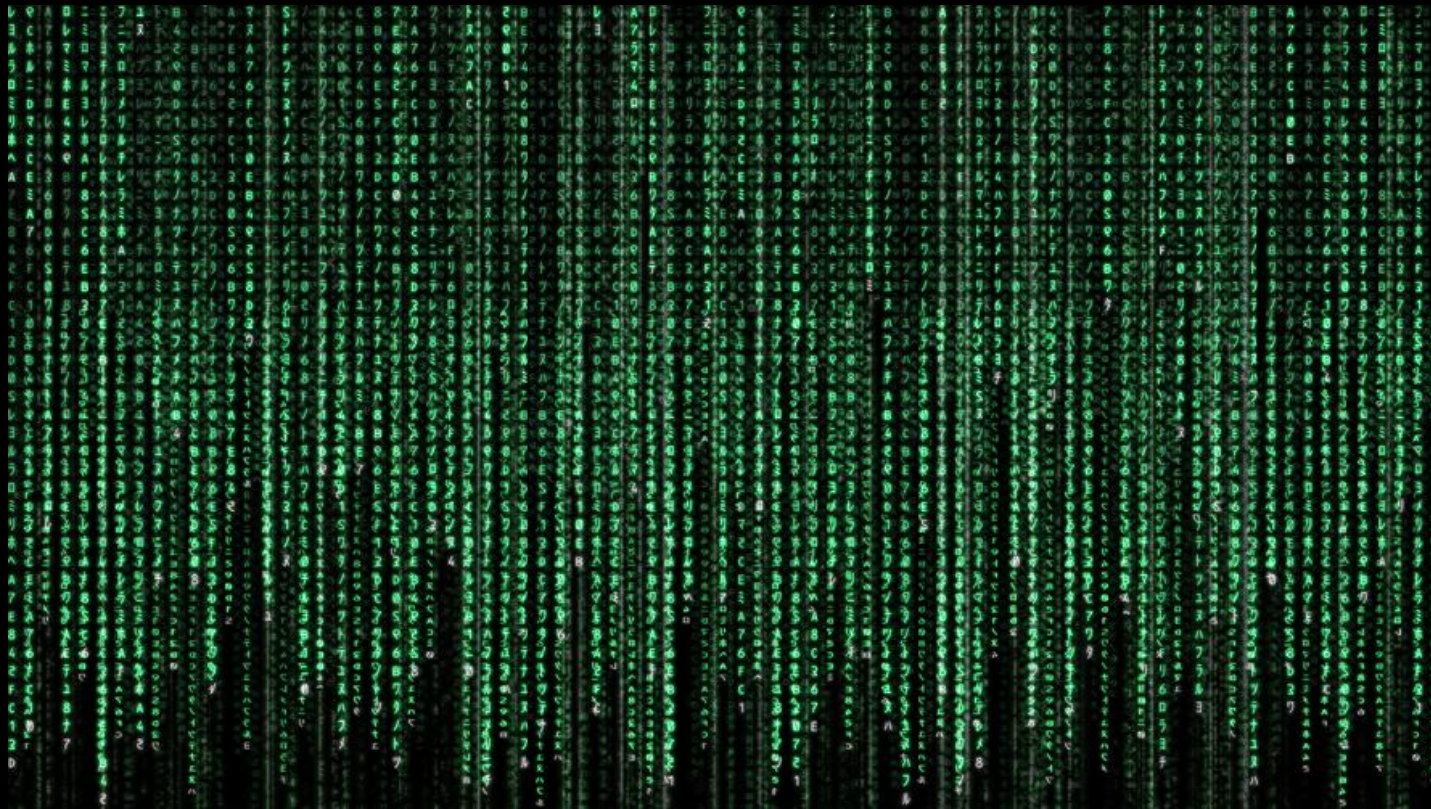


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Drush - a breath of fresh air

I don't even see the modules anymore



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The seed is planted



You have begun to automate tasks

Repetitive Site Prep
Repetitive Features
Many one time clients
Budget

Client's encouragement



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Where are you going?

Distributions



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Build your own



The screenshot shows the Drupal 7.30 Community page. The top navigation bar includes links for 'Drupal Homepage', 'Your Dashboard', and 'Logged in as nicxvan | Log out'. A search bar is located in the top right corner. The main content area is titled 'Community' and features a sub-navigation bar with links for 'Community Home', 'Getting Involved', 'Chat', 'Mailing Lists', 'Member Directory', and 'Forum'. The 'Getting Involved' link is active. Below this, the section 'Apply for permission to create full projects' is displayed. It includes a 'View' button (highlighted in green) and links for 'Edit' and 'Revisions'. The text states: 'Last updated November 16, 2013.' followed by a paragraph explaining the process: 'After contributing a useful and working module or theme as a [sandbox project](#), you may go through a **one-time** approval process to get permission to promote it (and future projects) to a [full project](#).' Another paragraph states: 'As successful completion of the project application process results in the applicant being granted the "Create Full Projects" permission, there is no need to take multiple applications through the process.' A final paragraph mentions: 'The application review volunteers will analyze your code to ensure you are [writing secure code](#), following the [coding standards](#), generally [following best practices](#), familiar with proper usage of the [Drupal APIs](#), and promoting [collaboration over competition](#) (i.e., not duplicating functionality already available in other modules). For more details, read [what to expect during a review](#).'



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Business Advantages

Consistency

Known Starting point

Rapid internal prototyping

Client Collaboration

Inline Documentation

RAPID REFUSAL**

Security updates**



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Choosing Features

To Feature or not to Feature



What needs to change?
How often does it change?
How long does it take to change?



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Scoping Features

Know your audience
Know your team
Know your technology
DRY
Future considerations



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Scoping Theming

It's trickier than you think!

What to handle in CSS

What to handle in Preprocessing

What to handle elsewhere

Choosing a base theme



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Tools

Drupal

Git

Profile Builder

Features

Strongarm

Checklist API

FAQ

Node Export



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Tips Tricks and Techniques

Do

- Have multiple dev environments
 - To check fresh installs
 - To check upgrade path
- Use version control
- Have a deployment strategy

Do not!

- Recreate features from enabled features
- Override Features [without feature override]
- Fix bugs on live sites



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Contributing & Deployment

The Drupal logo, featuring the word "Drupal" in a blue, sans-serif font with a small "TM" trademark symbol to the upper right.The Bitbucket logo, consisting of a white icon of a bucket with a face inside a blue square, followed by the word "Bitbucket" in white, sans-serif font.

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End Point

Drupal Managed



Traditional



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Ok, what is Aegir?

- Drupal GUI control panel
- For drupal by drupal
- Tightly integrated with drush



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What is it continued...

- Install drupal sites by creating a node
- Create multi-server sites
- Create and control multiple code bases
- Allow Clients to create websites with no “back end” exposure
- Fool-proof Update method

<http://aegir.nlightstar.com>



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Beyond the Distribution

Galaxy

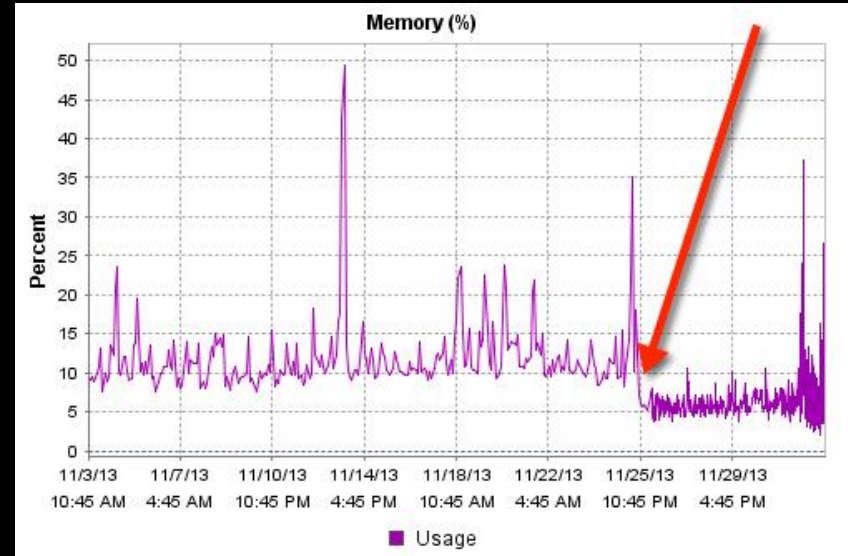
@btopro Bryan Ollendyke

- Next logical step
- elms Project abstraction

<https://github.com/btopro>

<https://github.com/btopro/galaxy/galaxy>

<https://github.com/btopro/elmsIn-vagrant>



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Thank you!

Questions?



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