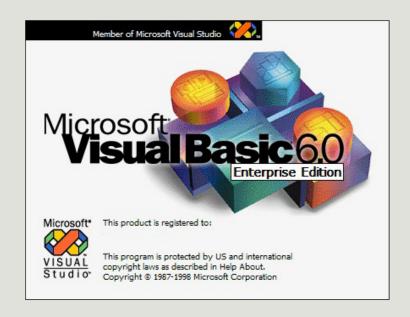
CHRIS VANWORMER

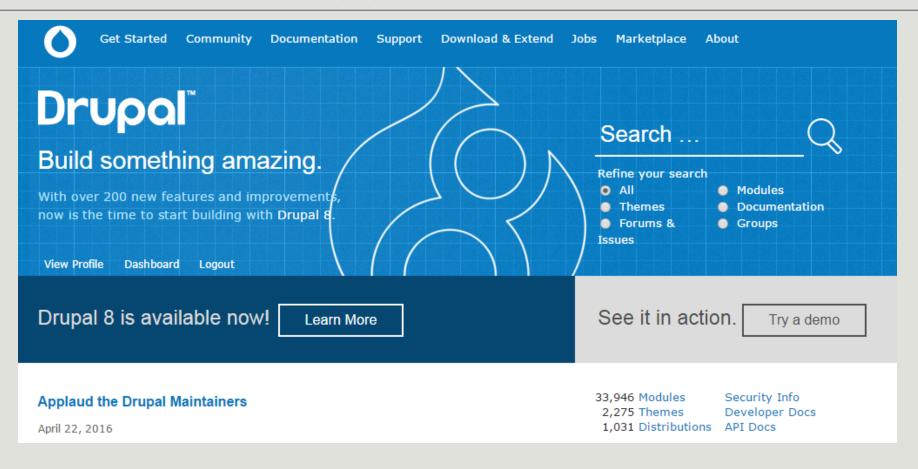
CHRISTOFER.VANWORMER1@ITS.NY.GOV





- 1. One of a set of parts than can be connected or combined to build or complete something
- 2. A part of a computer or computer program that does a particular job

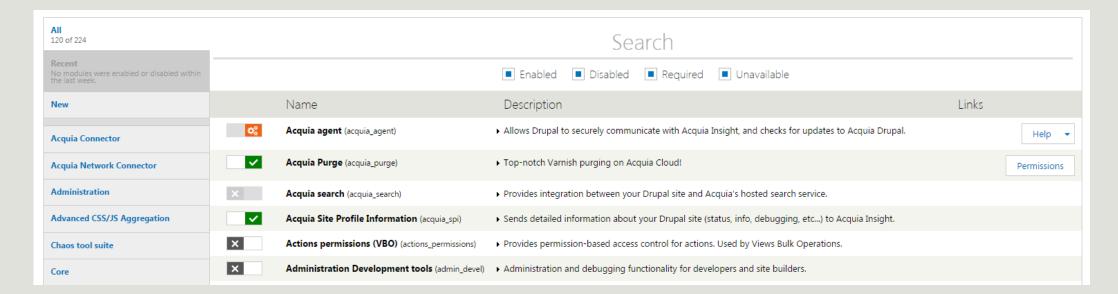
- merriam-webster.com

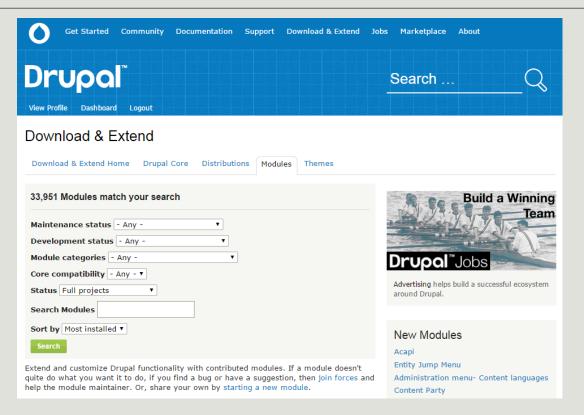


Developer's perspective

```
<?php
 $items['admin/config/user-interface/nys-unav'] = array(
   .'title' => .'NYS Universal Navigation',
    'description' => 'Configure NYS Universal Navigation Header and Footer',
    'page_callback' => 'drupal_get_form',
    'page arguments' => array('nys_unav_admin_settings'),
    'access arguments' => array('administer nys unav'),
 return $items;
function nys_unav_block_info() {
 .$blocks.=.array(
```

Site builder perspective





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

What can a module do?

What can a module do?

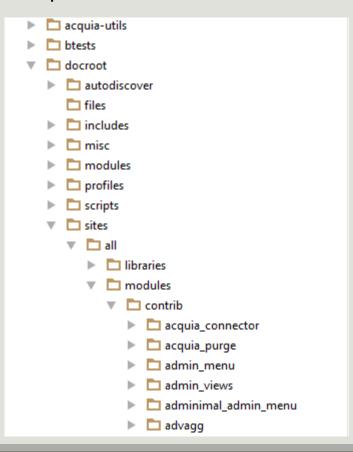
Views

- Top contributed module
- Allows to easily create lists of content from any type of content
- Ex: a list of upcoming events, a list of top products, a list of favorites...

Pathauto

- Another top contributed module
- Easily define patterns for content URL paths
- Ex: .com/node/45 -> .com/articles/title-of-the-article

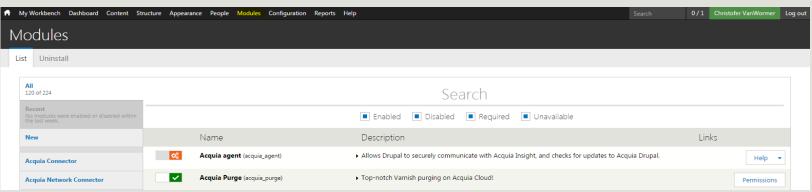
Drupal 7



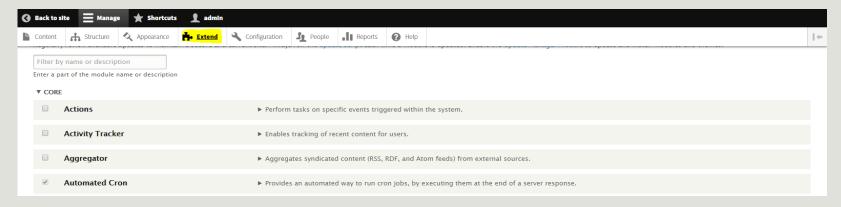
Drupal 8

```
core
modules
amberalert
composer
ctools
ds
easy_breadcrumb
layout_plugin
masquerade
nys_global_nav
nys_global_nav_d8
```

Drupal 7

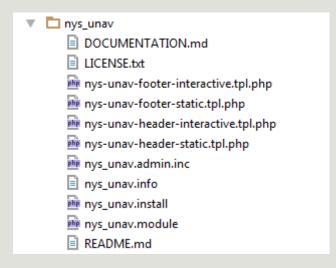


Drupal 8





- NYS Unav Drupal 7 module
- Made up of 8 functional files



.info file

```
name = .NYS .uNav

description = .Add .blocks .and .support .to .display .the .NYS .Universal .Navigation

core = .7.x

package = .NYS

configure = .admin/config/user-interface/nys-unav

; .Information added .by .Drupal.org .packaging .script .on .2016-02-04

version = ."7.x-l.x-dev"

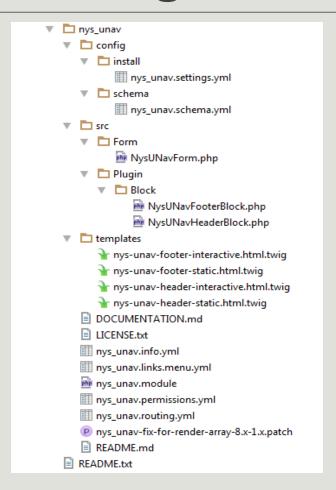
core = ."7.x"

project = ."nys_unav"

datestamp = ."1454592240"
```

.module file

- NYS Unav Drupal 8 module
- Made up of many more files



.info.yml file

```
name: 'NYS uNav'

type: module

description: 'Add blocks and support to display the NYS Universal Navigation'

core: 8.x

package: NYS

configure: nys_unav form
```

So this is great!

Where is all this coming from?

- You
- Colleagues
- Bob down the street
- Susie in Nebraska

Where is all this coming from?

Views



Version control Revisions Automated Testing

Posted by merlinofchaos on November 25, 2005 at 3:34pm

You need Views if

- · You like the default front page view, but you find you want to sort it differently.
- You like the default taxonomy/term view, but you find you want to sort it differently; for example, alphabetically.
- You use /tracker, but you want to restrict it to posts of a certain type.
- · You like the idea of the 'article' module, but it doesn't display articles the way you like.
- You want a way to display a block with the 5 most recent posts of some particular type.
- · You want to provide 'unread forum posts'.
- You want a monthly archive similar to the typical Movable Type/Wordpress archives
 that displays a link to the in the form of "Month, YYYY (X)" where X is the number of
 posts that month, and displays them in a block. The links lead to a simple list of posts
 for that month.

Views can do a lot more than that, but those are some of the obvious uses of Views.

Maintainers for Views

dawehner - 2931 commits

last: 3 hours ago, first: 6 years ago

colan - 4 commits

last: 2 months ago, first: 1 year ago

damiankloip - 354 commits

last: 4 months ago, first: 3 years ago

dww - 29 commits

last: 11 months ago, first: 8 years ago

merlinofchaos - 3243 commits last: 1 year ago, first: 10 years ago

View all committers View commits

That's it!

Thank you everyone.

Chris VanWormer Christofer.vanwormer1@its.ny.gov Drupal: chrisvanwormer