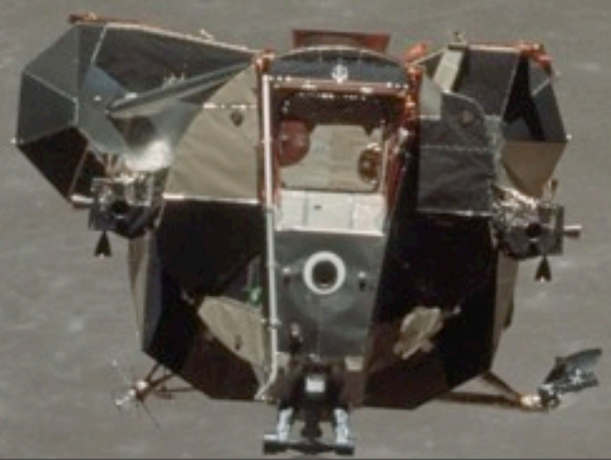
Introduction to module development

Matt Kleve (vordude)

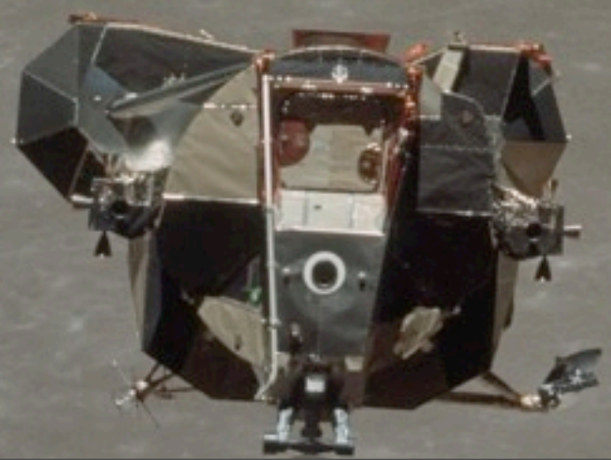


Who Is This Guy?

Hi! I'm Matt.

I've been doing this for over 5 Years.

I'm not an astronaut.



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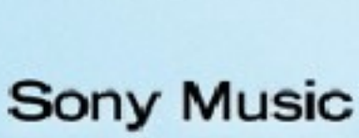

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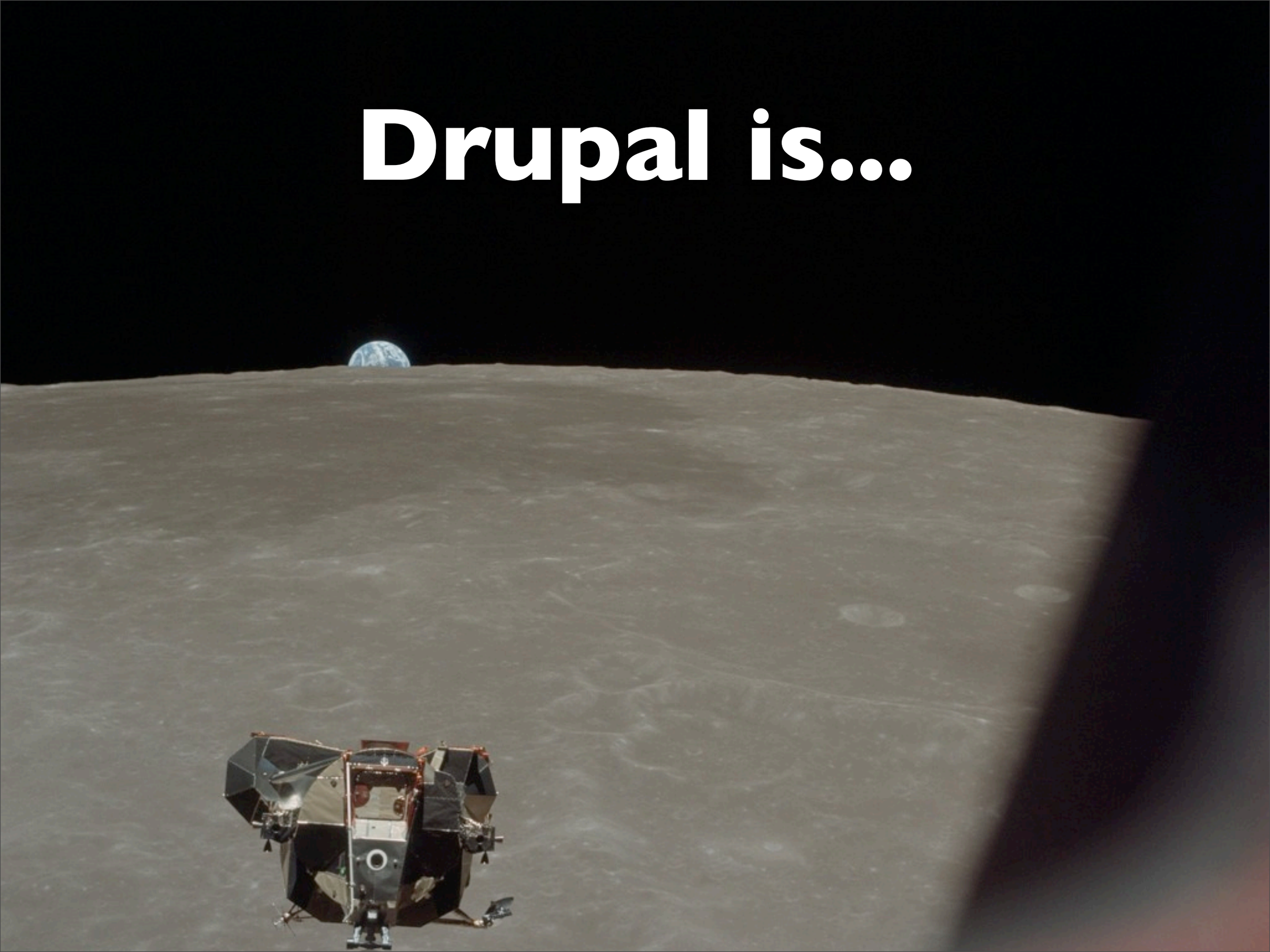
Drupal is...



Drupal is...

Drupal Core

Drupal is...

Drupal Core

Node

User

Drupal is...

Views

Five Star

Date

Drupal Core

Node

User

Drupal is...

Theme

Views

Five Star

Date

Drupal Core

Node

User

Drupal is...

Theme

Views

Five Star

Date

Drupal Core

Node

User

```
name = Demo
description = Just a simple demo module.
core = 7.x
```

```
function demo_node_view(&$node) {
  global $user;
  if ($node->uid == $user->uid) {
    $node->title . ' [YOUR ARTICLE]';
  }
}
```

demo.info

demo.module

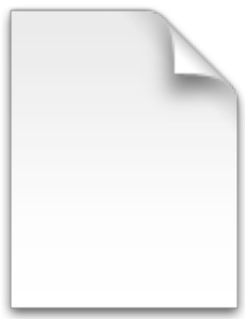
```
name = Tricky
description = A slightly trickier module.
core = 7.x

function tricky_form_alter(&form, $form_state, $id) {
  if ($id == 'node_form') {
    $title['#required'] = FALSE;
  }
}
```

```
function tricky_install() {
  drupal_set_message('You just installed Tricky!');
}
```

tricky.info

tricky.module



tricky.install

views.info

views.module

views.inc

user.inc

node.inc

blog.inc

comment.inc

ui.info

ui.module

arguments.inc

handlers.inc

filters.inc

query.inc

sprout.info

sprout.module

forum.inc

views.pages.inc

table.inc

views.install

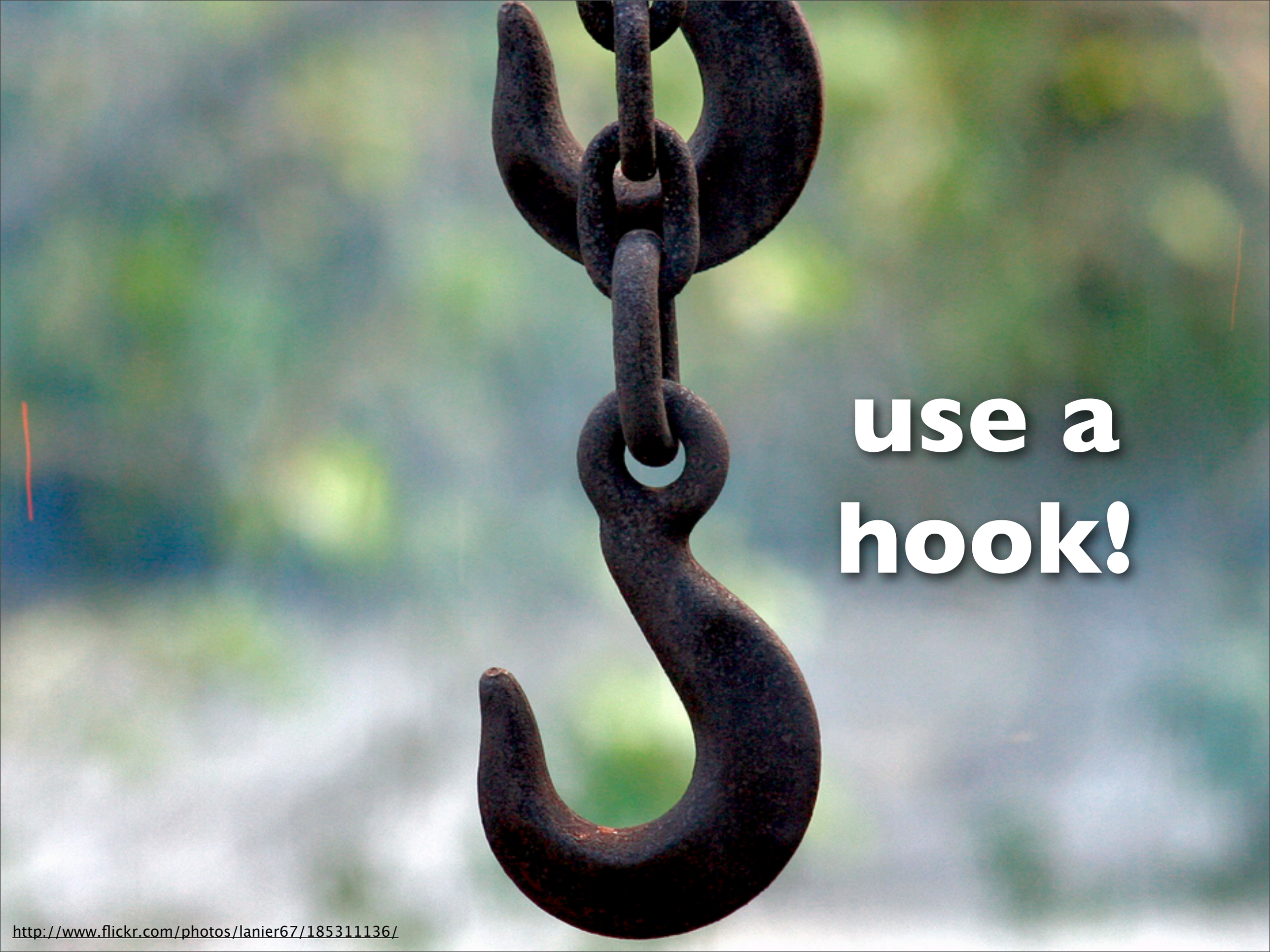
sprout.install

sprout.admin.inc

sprout.inc

CHANGELOG

README



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A user is registering

A list of content types is being built

A node is being displayed

Content is being searched

The menu is being built

Links are being displayed

The database is being queried

A comment is being posted

A form is being processed

hook_foo()

yourmodule_**foo**()

theirmodule_**foo**()

mymodule_**foo**()

yourmodule_**foo**()

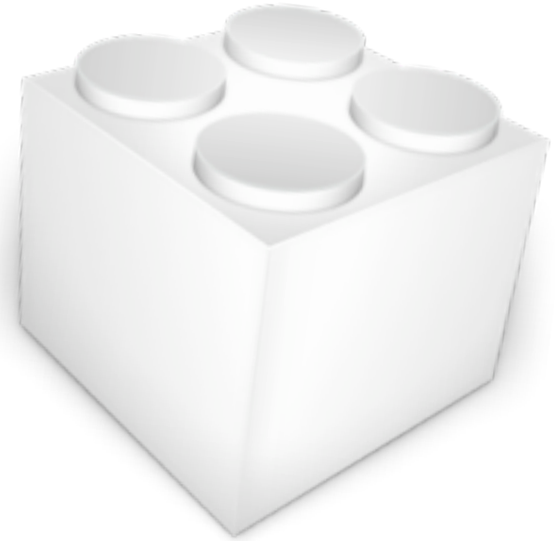
hismodule_**foo**()

hermodule_**foo**()

Announce

AAnswere

AExtendce



AEAlterde

All without
Altering Drupal's
own code!
DETOUR

Don’t. Hack. Core.

Don’t. Hack. Core.

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drupal manages the page

http://www.flickr.com/photos/thomashawk/2681744739

drupal manages the page

modules also respond to events

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drupal manages the page

modules also respond to events

hack with hooks

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