DRUPALCON
SYDNEY
GROWING DRUPAL DOWNUNDER

Re-think Your Requirements

By Pamela Barone
February 8, 2013

PreviousNext®

Requirements - the Drupal way!

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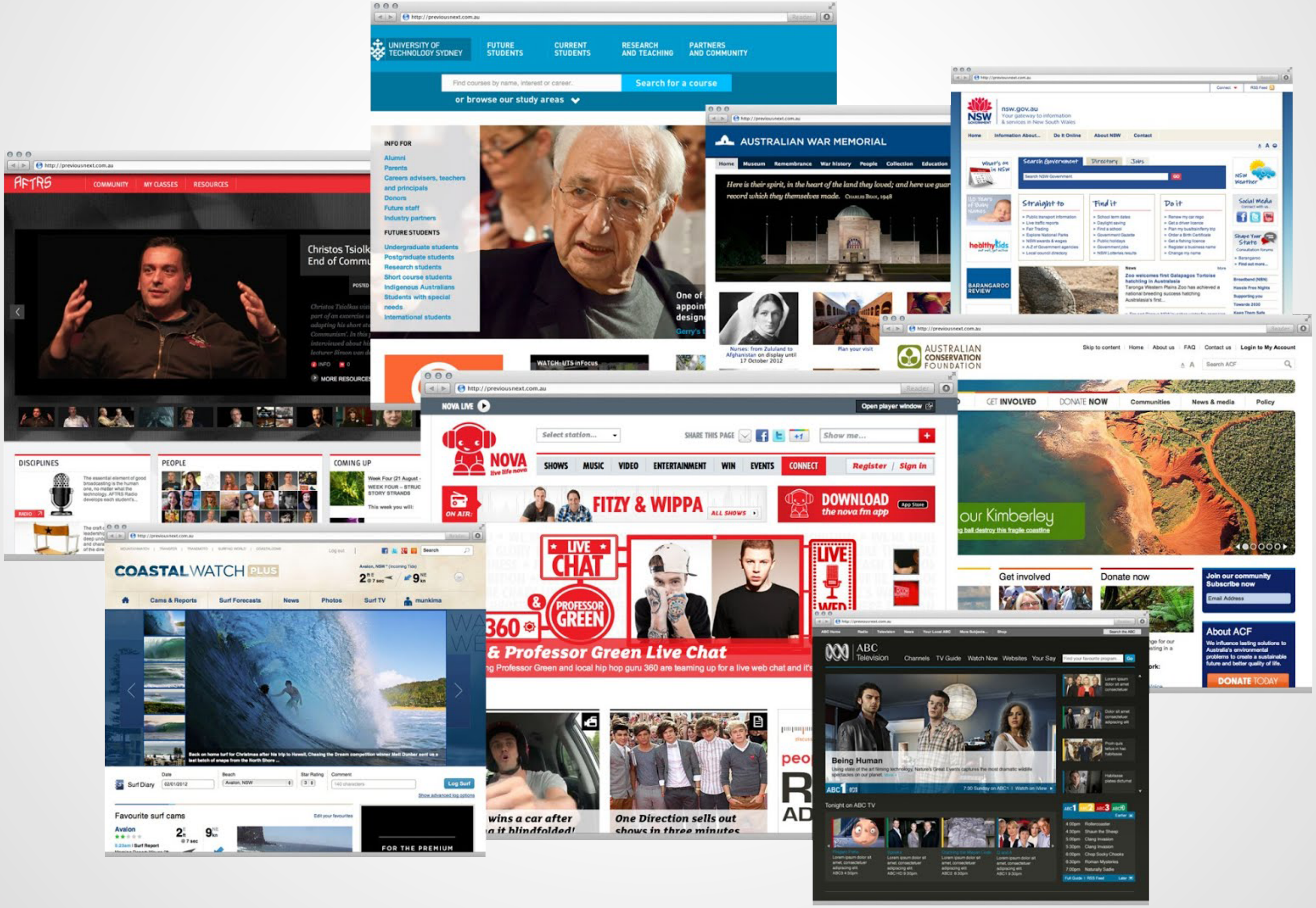
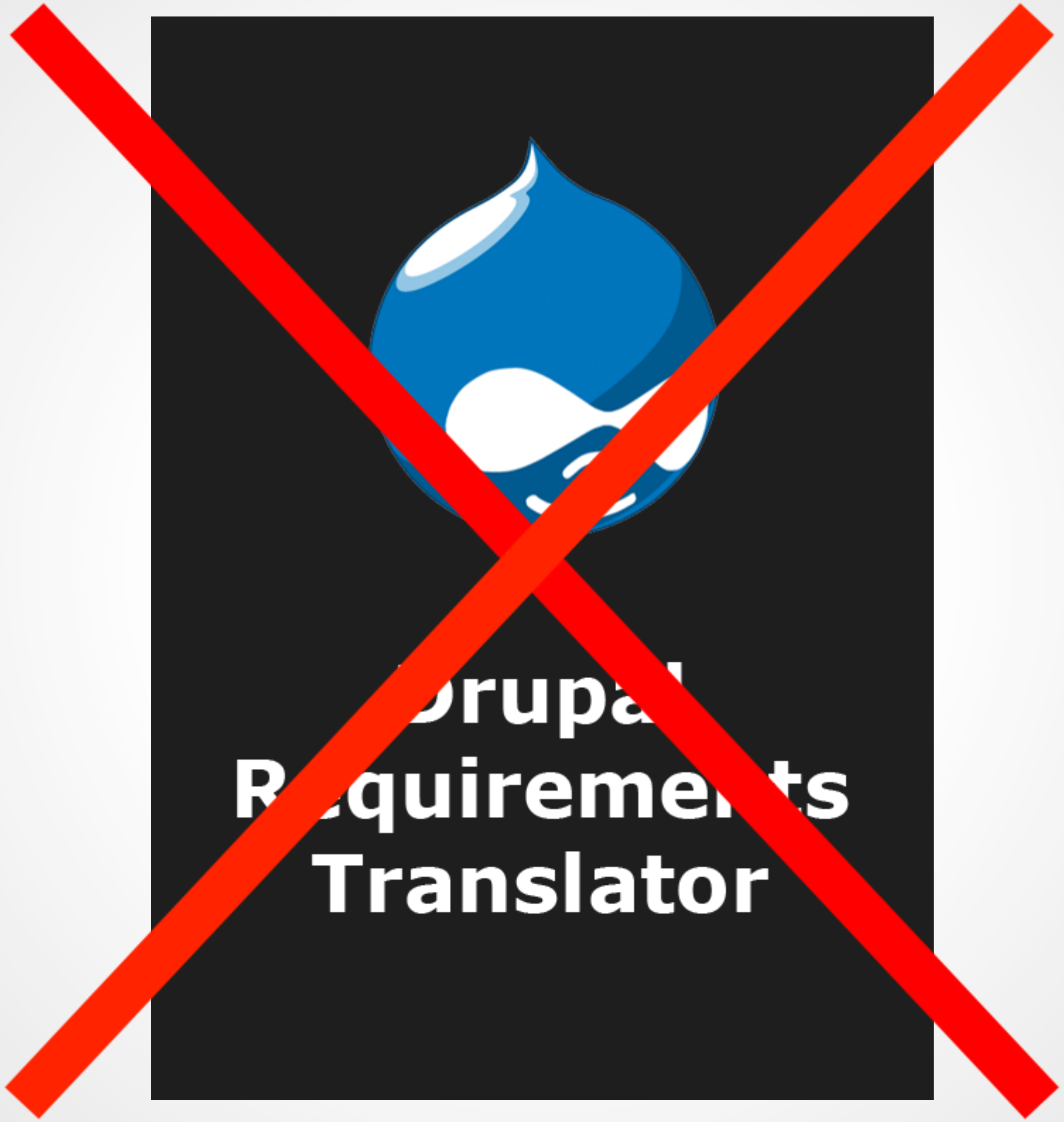
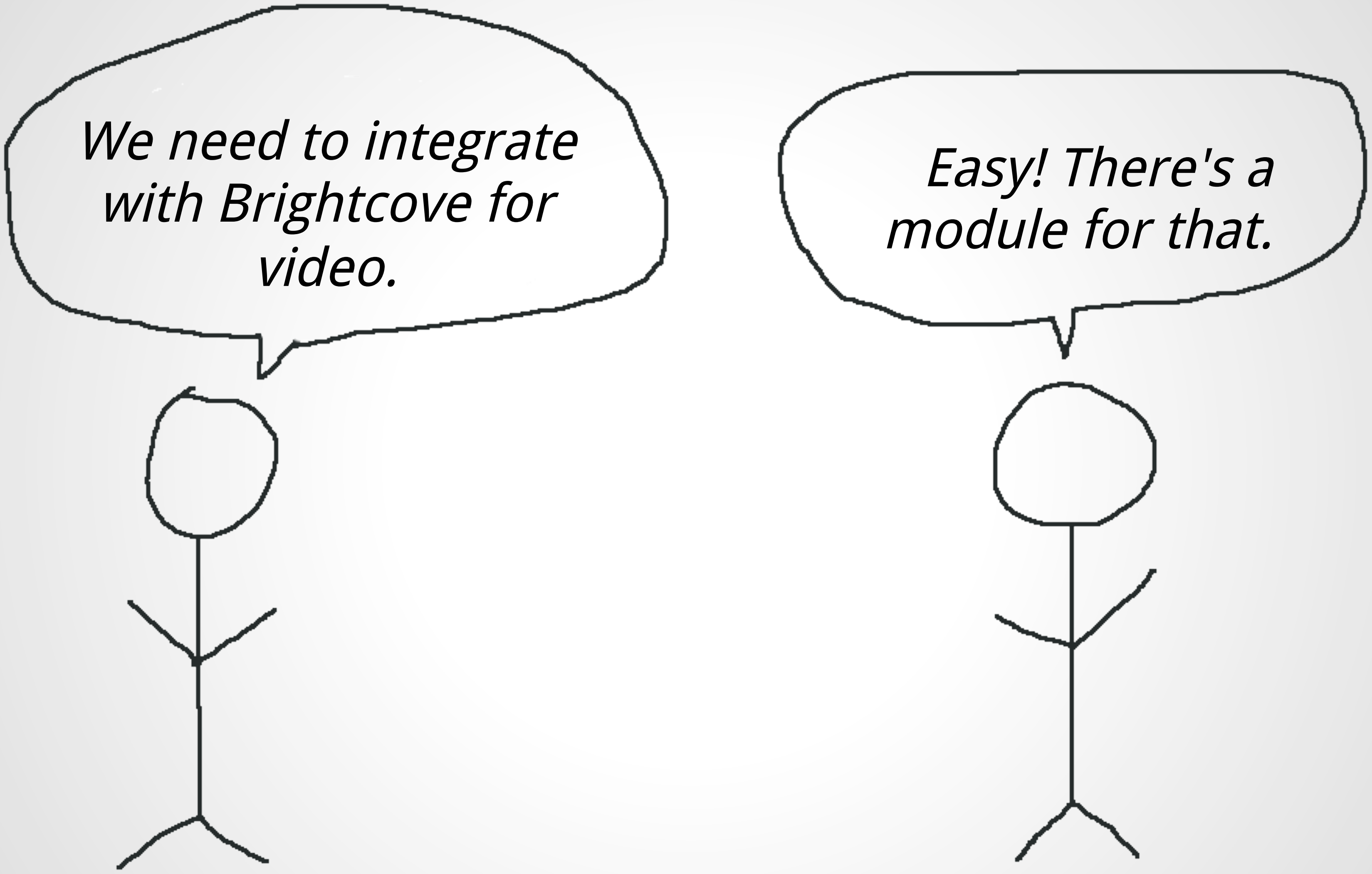
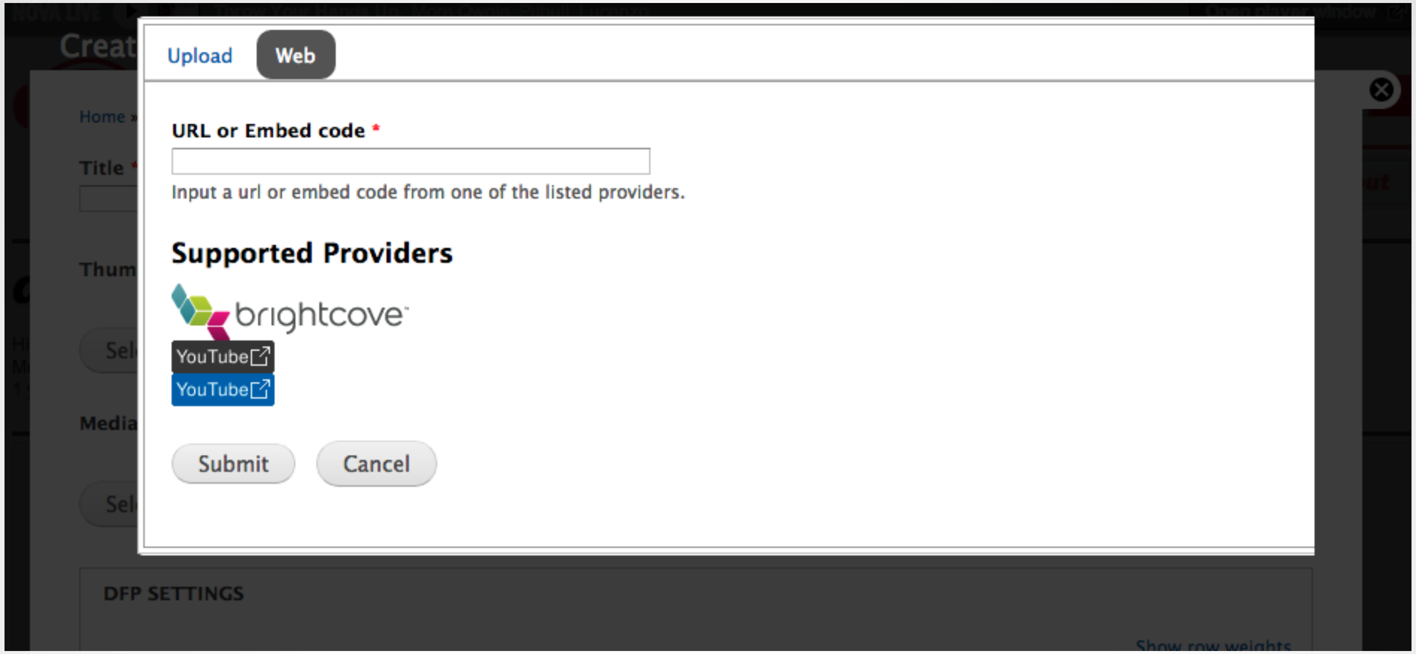



Drupal
Requirements
Translator

The same thing keeps happening

- Client provides requirements
- Vendor delivers feature
- Client is not happy


We need to integrate with Brightcove for video.
Easy! There's a module for that.



URL or Embed code *

Input a url or embed code from one of the listed providers.

Supported Providers

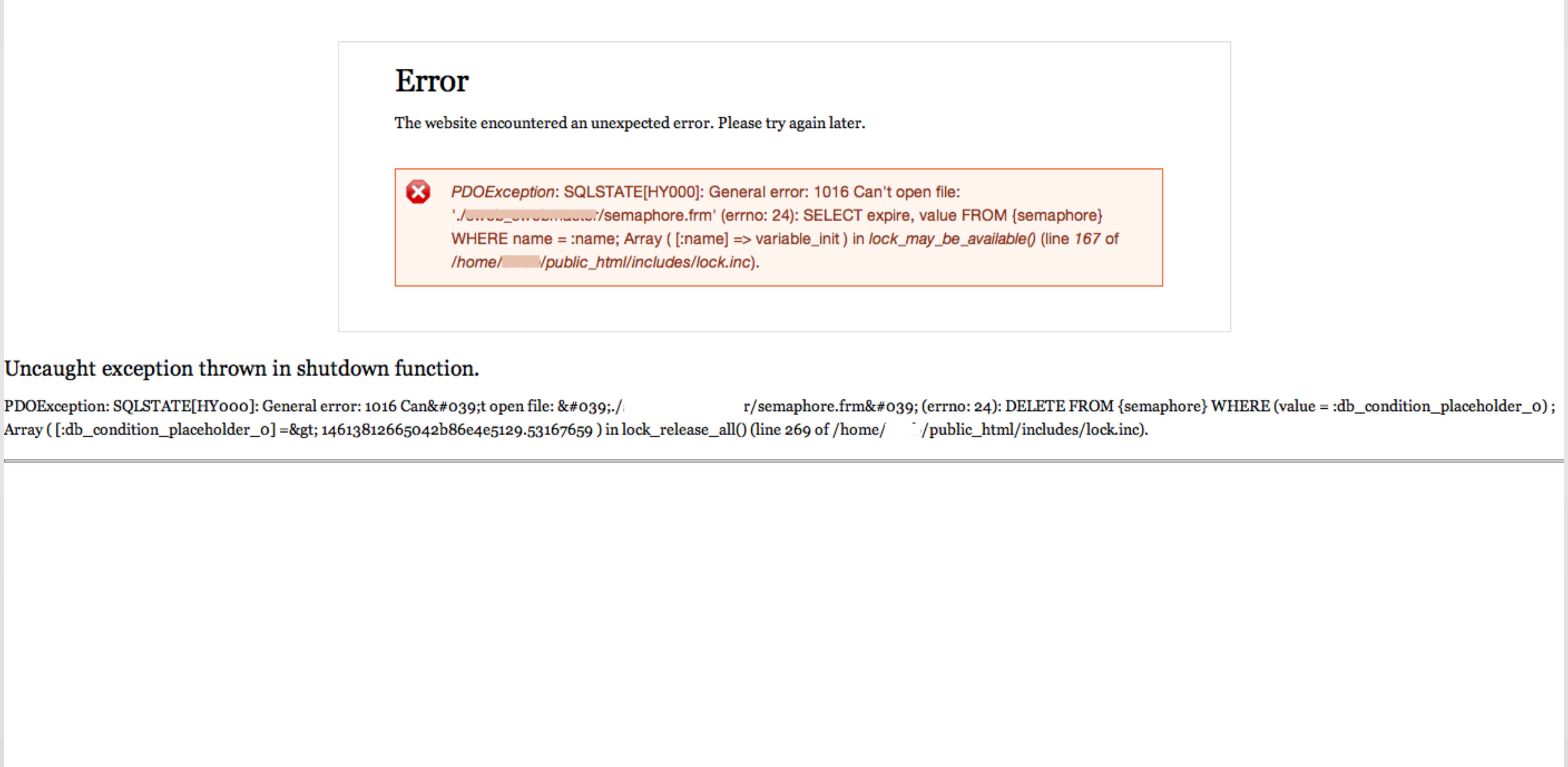
brightcove

YouTube

YouTube

Great! So where do we put the player IDs for pre-roll ad targeting?

Something isn't working.



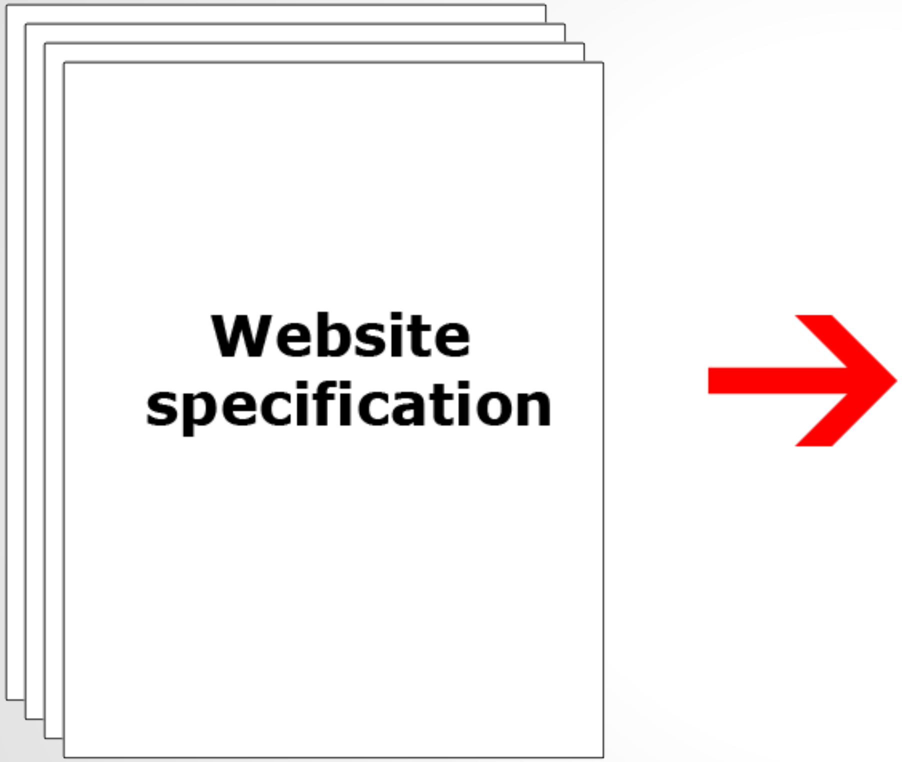
Error

The website encountered an unexpected error. Please try again later.

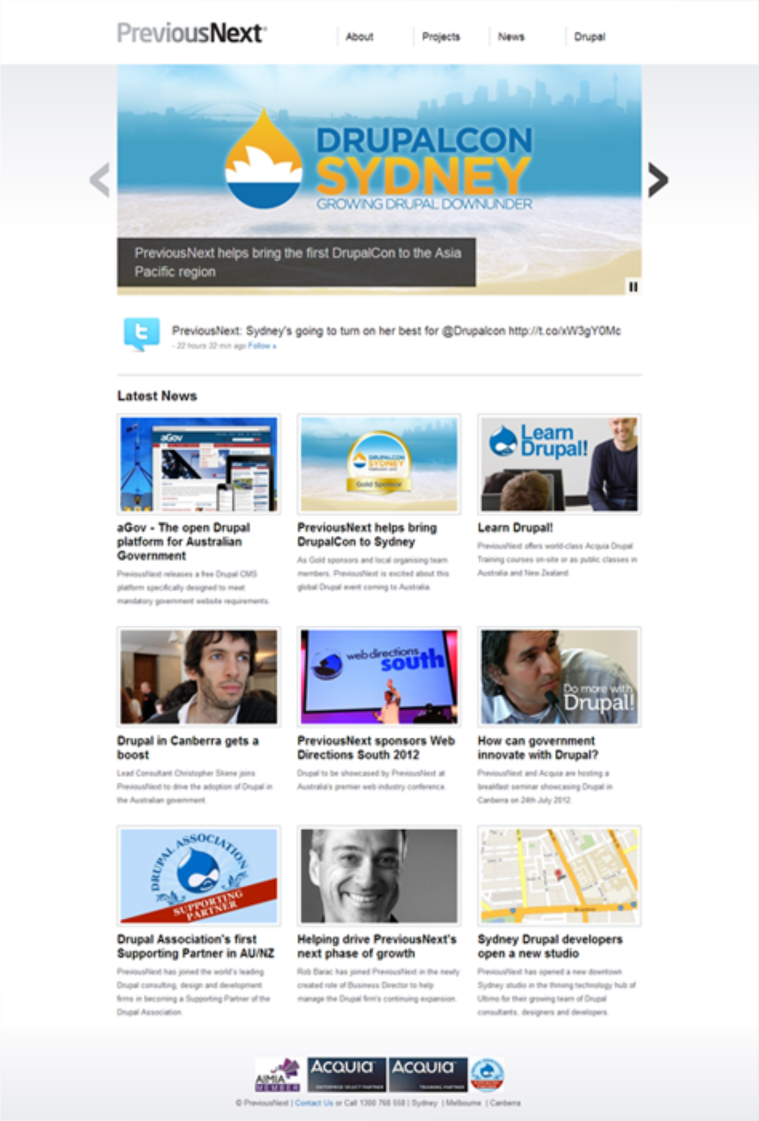
PDOException: SQLSTATE[HY000]: General error: 1016 Can't open file: './[redacted]/semaphore.frm' (errno: 24): SELECT expire, value FROM {semaphore} WHERE name = :name; Array ([:name] => variable_init) in *lock_may_be_available()* (line *167* of */home/[redacted]/public_html/includes/lock.inc*).

Uncaught exception thrown in shutdown function.

PDOException: SQLSTATE[HY000]: General error: 1016 Can&#039;t open file: &#039;./ r/semaphore.frm&#039; (errno: 24): DELETE FROM {semaphore} WHERE (value = :db_condition_placeholder_0) ; Array ([:db_condition_placeholder_0] =&gt; 14613812665042b86e4e5129.53167659) in lock_release_all() (line 269 of /home/ /public_html/includes/lock.inc).



Website specification



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PreviousNext releases a free Drupal CMS platform specifically designed to meet mandatory government website requirements.

PreviousNext helps bring DrupalCon to Sydney
As Gold sponsors and local organising team members, PreviousNext is excited about this global Drupal event coming to Australia.

Learn Drupal!
PreviousNext offers world-class Acquia Drupal Training courses on-site or as public classes in Australia and New Zealand.

Drupal in Canberra gets a boost
Lead Consultant Christopher Skene joins PreviousNext to drive the adoption of Drupal in the Australian government.

PreviousNext sponsors Web Directions South 2012
Drupal to be showcased by PreviousNext at Australia's premier web industry conference.

How can government innovate with Drupal?
PreviousNext and Acquia are hosting a breakfast seminar showcasing Drupal in Canberra on 24th July 2012.

Drupal Association's first Supporting Partner in AU/NZ
PreviousNext has joined the world's leading Drupal consulting, design and development firms in becoming a Supporting Partner of the Drupal Association.

Helping drive PreviousNext's next phase of growth
Rob Barac has joined PreviousNext in the newly created role of Business Director to help manage the Drupal firm's continuing expansion.

Sydney Drupal developers open a new studio
PreviousNext has opened a new downtown Sydney studio in the thriving technology hub of Ultimo for their growing team of Drupal consultants, designers and developers.

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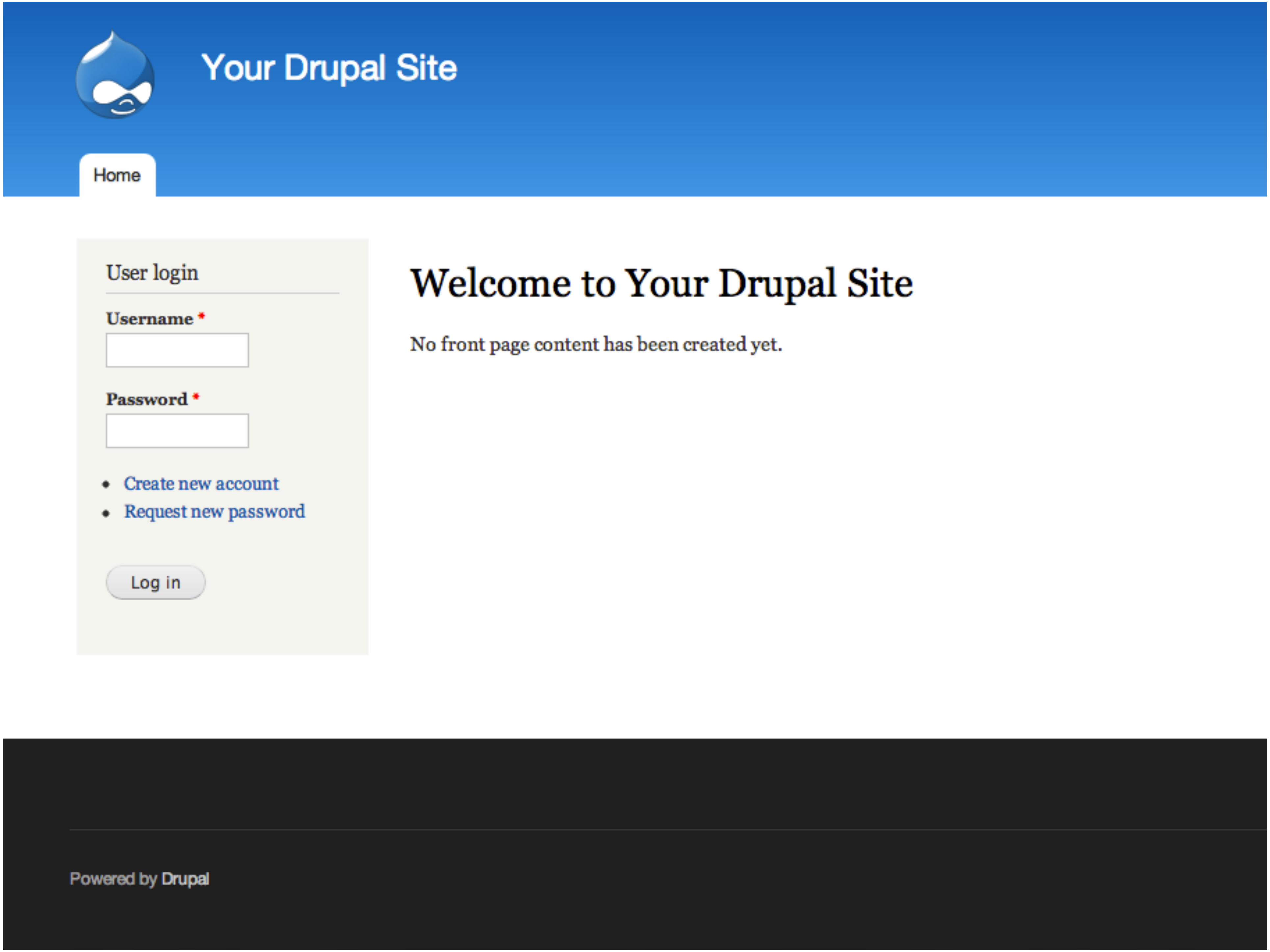


Your Drupal Site

User login

Username *

Password *

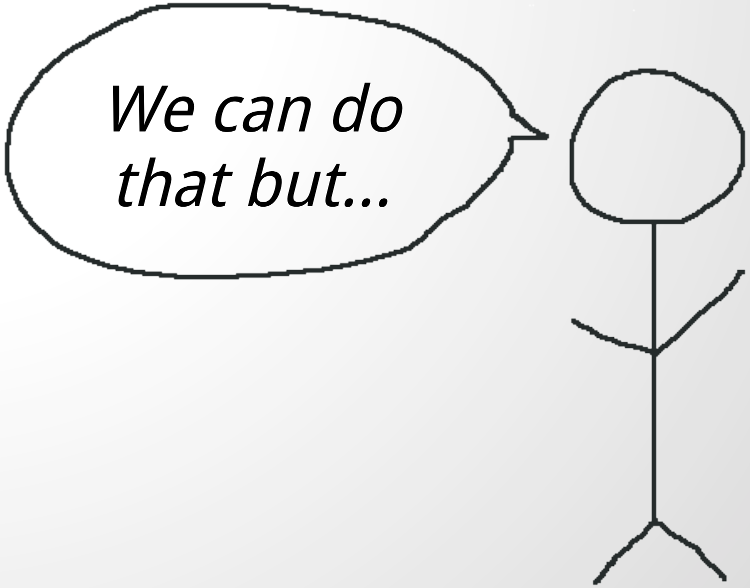
- Create new account
- Request new password

Welcome to Your Drupal Site

No front page content has been created yet.

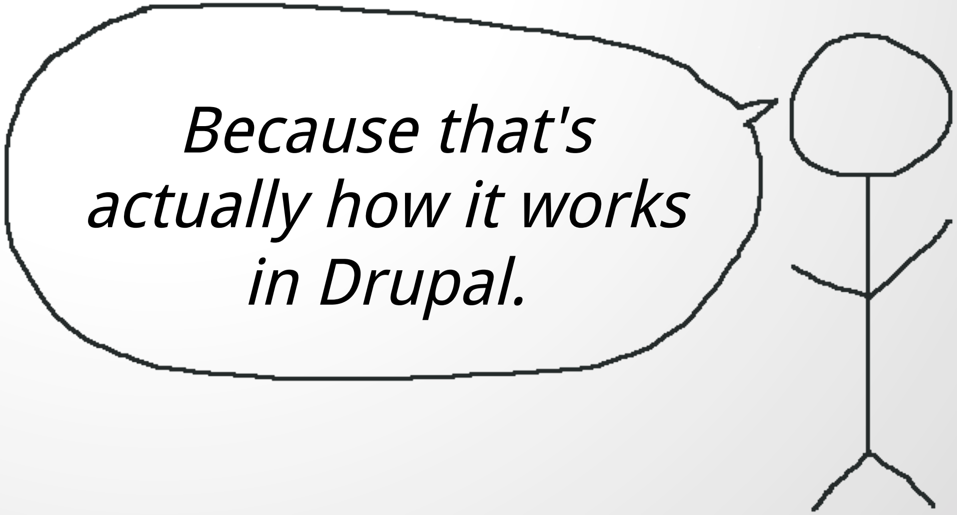
Powered by Drupal

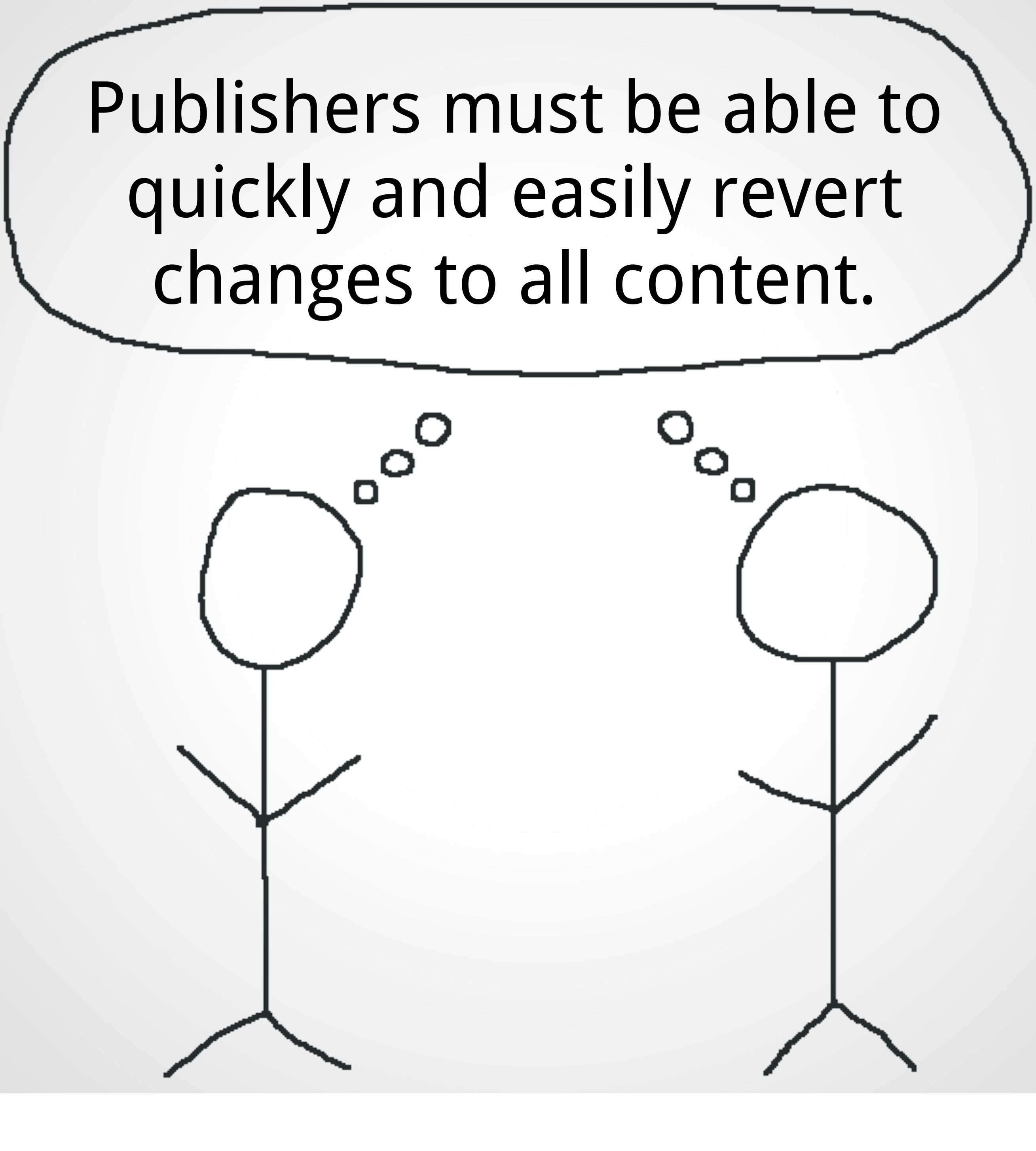
Client provides requirement:
Publishers must be able to quickly and easily revert changes to all pages.



Did you mean:

Publishers must be able to quickly and easily revert changes to all ~~pages~~ content.




Publishers must be able to quickly and easily revert changes to all content.

You can build almost anything in Drupal - but that doesn't mean you should!

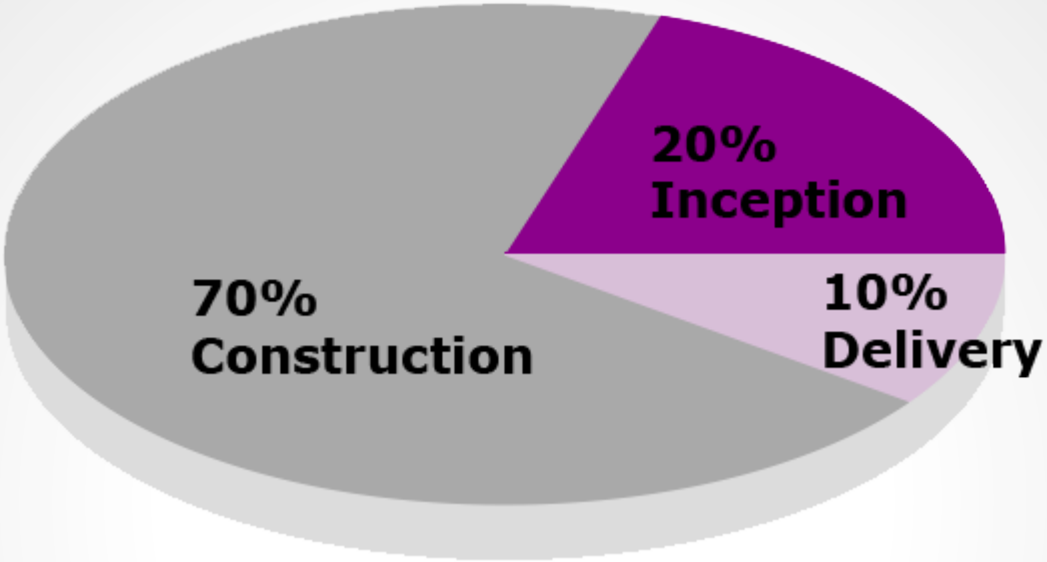
content revisions = easy

page revisions = hard

Drupal 5 Views Recipes
Drupal 6 Social Networking
Drupal 6
Drupal: Creating Blogs, Forums, Portals, and Community Websites
Drupal 6 Themes
Pro Drupal Development
Building powerful and robust websites with Drupal 6
Building Online Communities with Drupal, phpBB, and WordPress
Drupal 5 Themes
Drupal
Learning Drupal 6 Module Development
Building powerful and robust websites with Drupal 6
Pro Drupal Development
Using Drupal
Das Drupal 6 Praxisbuch
Drupal Multimedia
Drupal for Education and E-Learning
Drupal 6 Site Builder Solutions
Leveraging Drupal
Front End Drupal

Empower your clients with Drupal knowledge

http://buytaert.net/drupal-book-shelf-2009



It's a collaboration, so budget for it

Consultations

Interviews

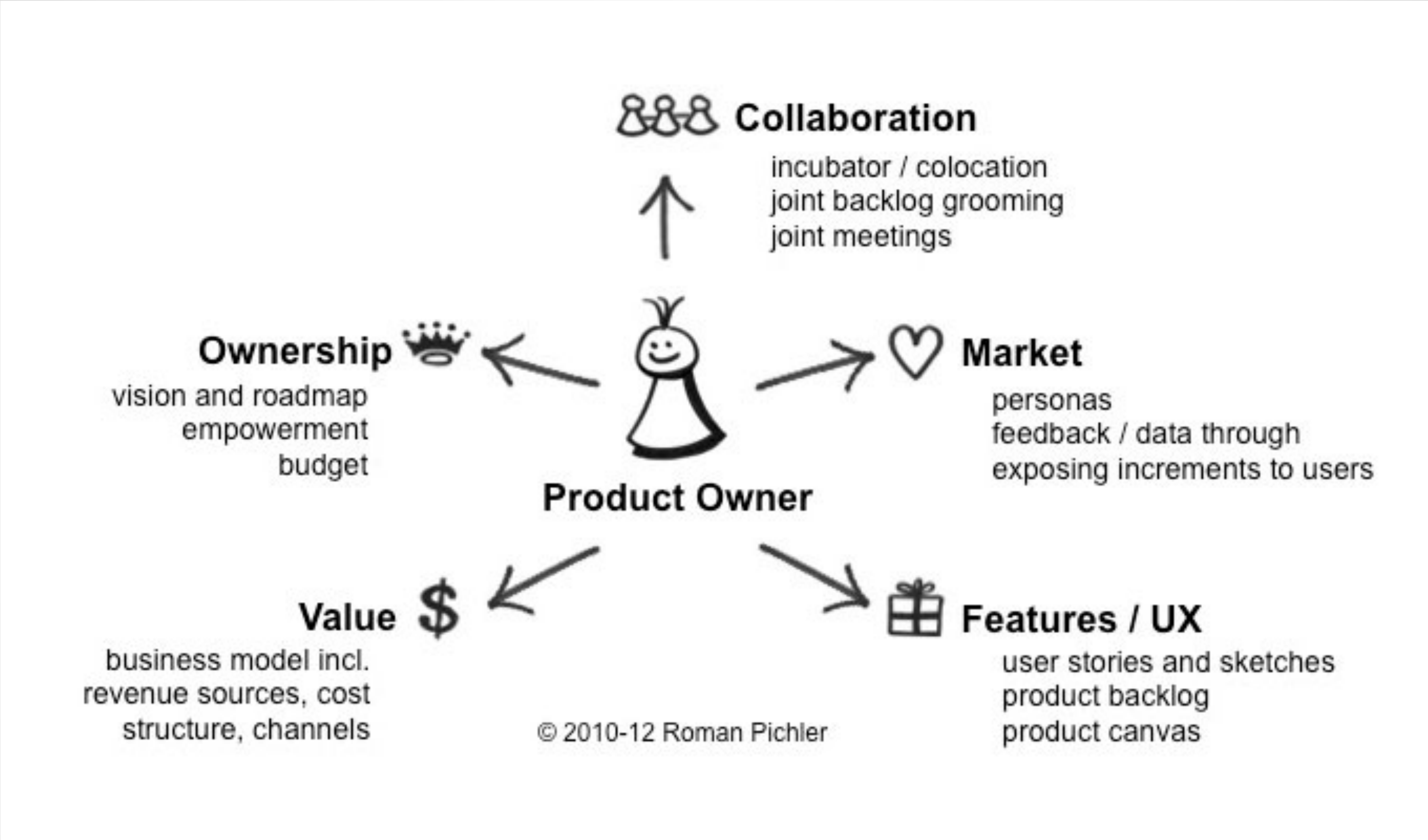
Feedback forms

Inception phase

Kick-off meeting

Workshops

Discovery



Collaboration

incubator / colocation
joint backlog grooming
joint meetings

Ownership

vision and roadmap
empowerment
budget

Market

personas
feedback / data through
exposing increments to users

Product Owner

Value

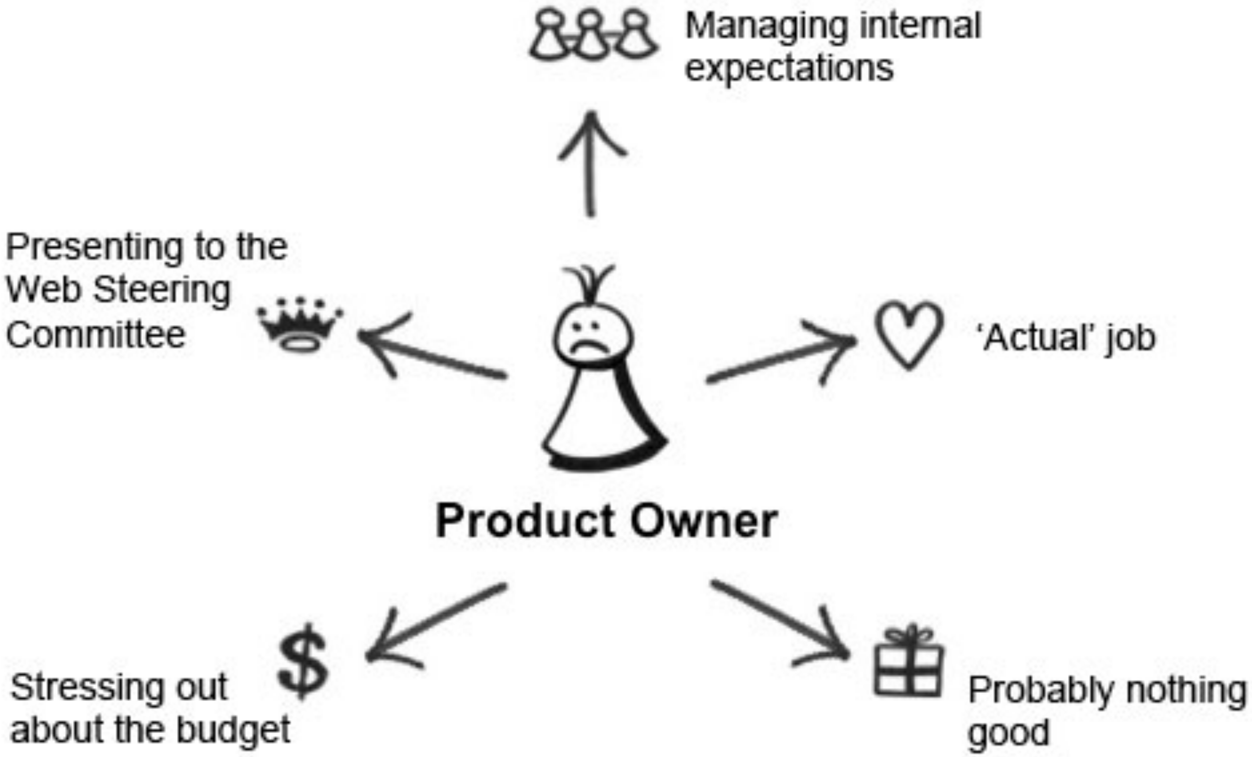
business model incl.
revenue sources, cost
structure, channels

Features / UX

user stories and sketches
product backlog
product canvas

© 2010-12 Roman Pichler

http://www.romanpichler.com/blog/roles/one-page-product-owner/



Managing internal expectations

Presenting to the Web Steering Committee

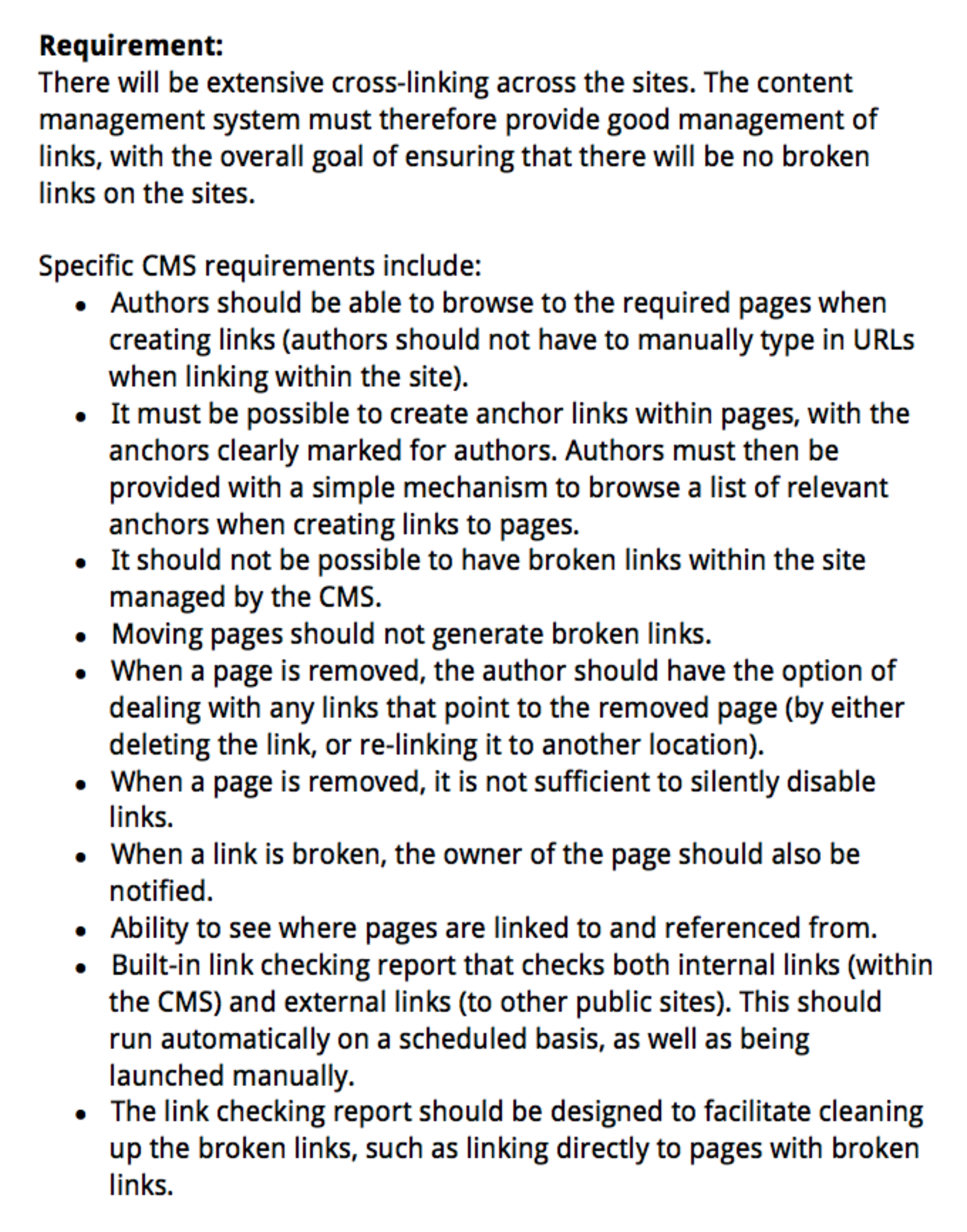
'Actual' job

Product Owner

Stressing out about the budget

Probably nothing good

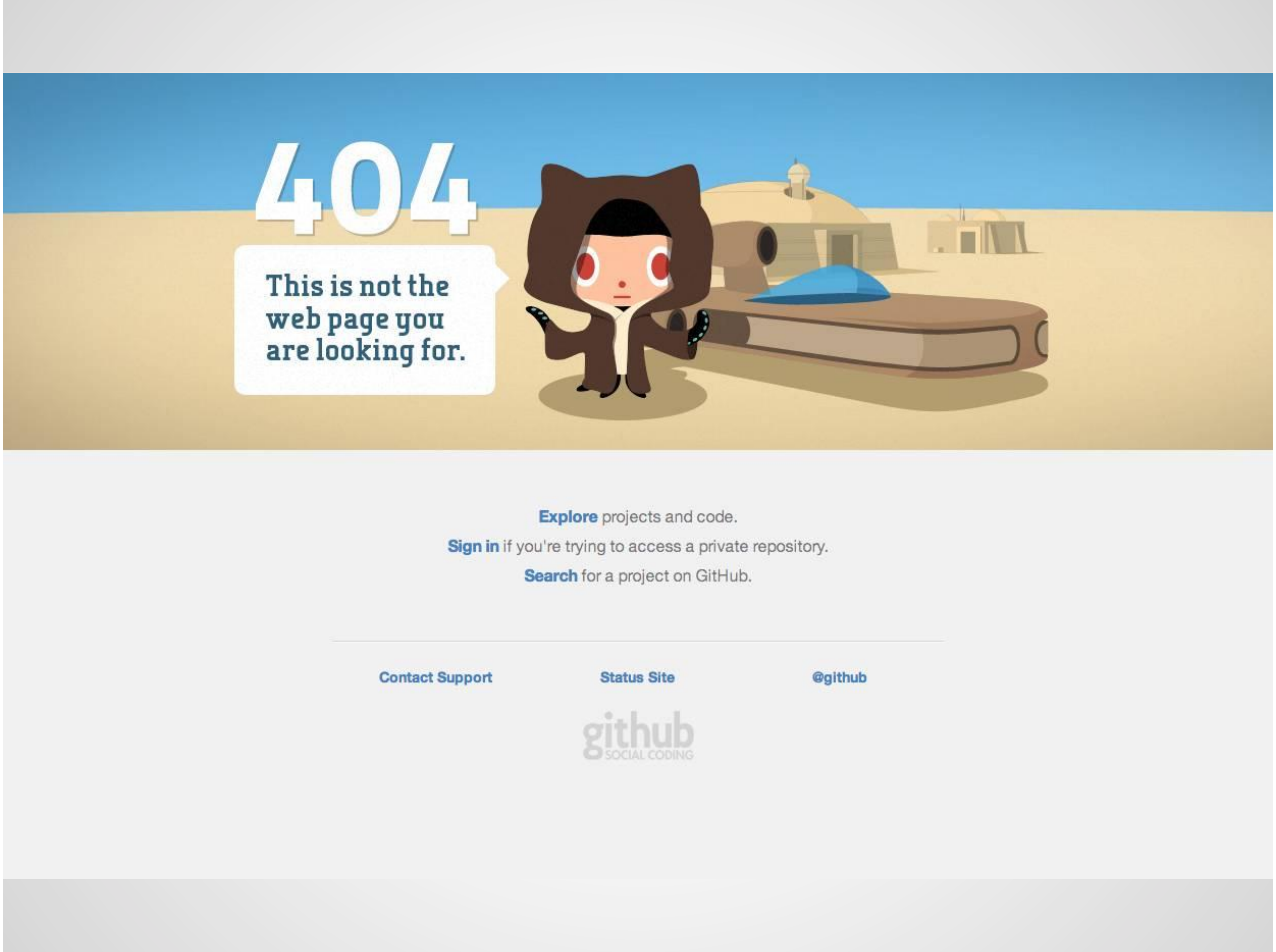
The Drupal advantage: prototypes, iterations and demos



Requirement:
There will be extensive cross-linking across the sites. The content management system must therefore provide good management of links, with the overall goal of ensuring that there will be no broken links on the sites.

Specific CMS requirements include:

- Authors should be able to browse to the required pages when creating links (authors should not have to manually type in URLs when linking within the site).
- It must be possible to create anchor links within pages, with the anchors clearly marked for authors. Authors must then be provided with a simple mechanism to browse a list of relevant anchors when creating links to pages.
- It should not be possible to have broken links within the site managed by the CMS.
- Moving pages should not generate broken links.
- When a page is removed, the author should have the option of dealing with any links that point to the removed page (by either deleting the link, or re-linking it to another location).
- When a page is removed, it is not sufficient to silently disable links.
- When a link is broken, the owner of the page should also be notified.
- Ability to see where pages are linked to and referenced from.
- Built-in link checking report that checks both internal links (within the CMS) and external links (to other public sites). This should run automatically on a scheduled basis, as well as being launched manually.
- The link checking report should be designed to facilitate cleaning up the broken links, such as linking directly to pages with broken links.



This is not the web page you are looking for.

Explore projects and code.

Sign in if you're trying to access a private repository.

Search for a project on GitHub.

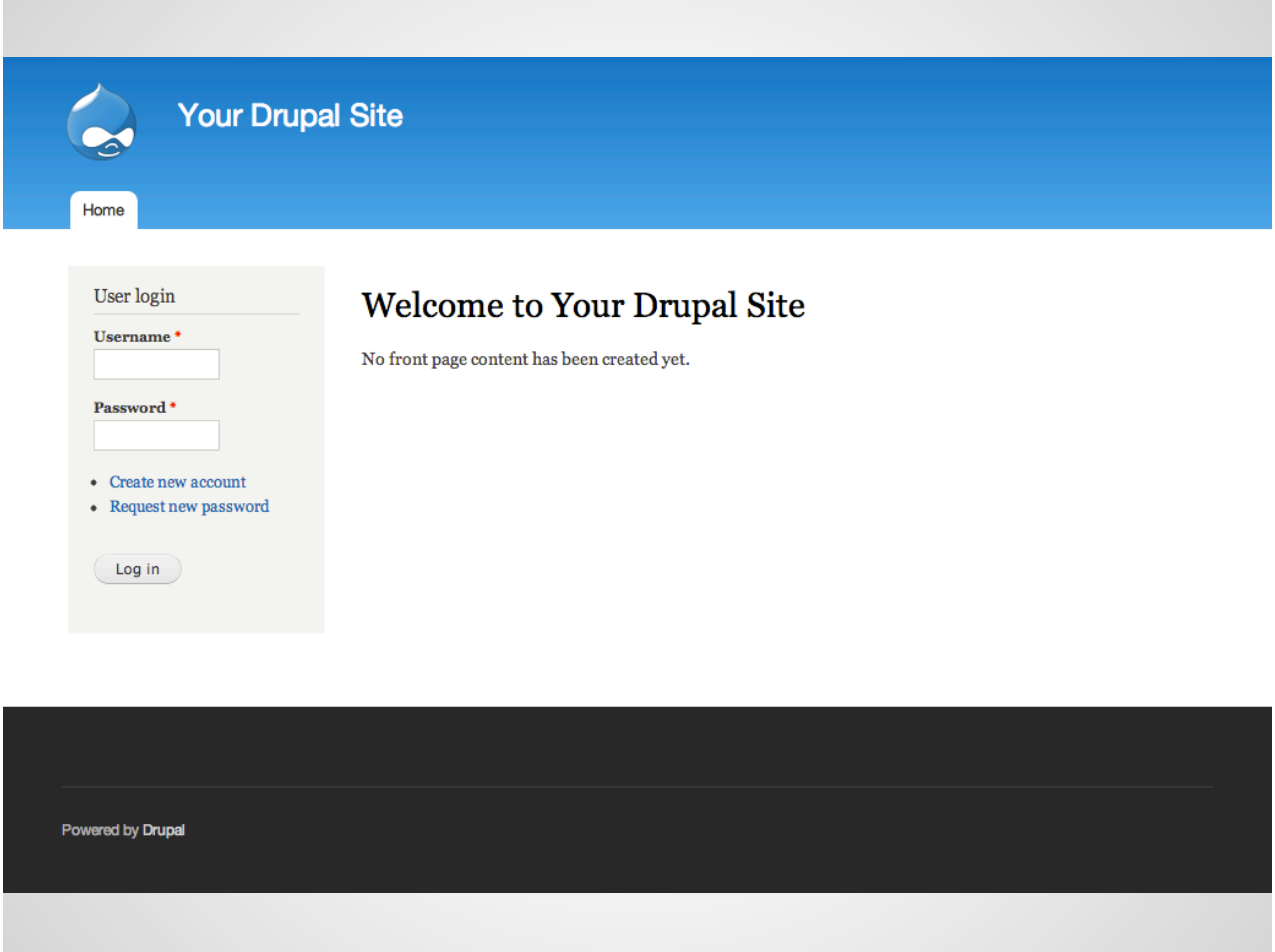
We suggested:
Start with 'link' content type,
Linkchecker module, LinkIt module

Simple to implement and ticks most
of the boxes

In the end:

Met the goal of eliminating broken links, without too much complexity

You've got experts, so talk to them



Your Drupal Site

User login

Username *

Password *

- Create new account
- Request new password

Welcome to Your Drupal Site

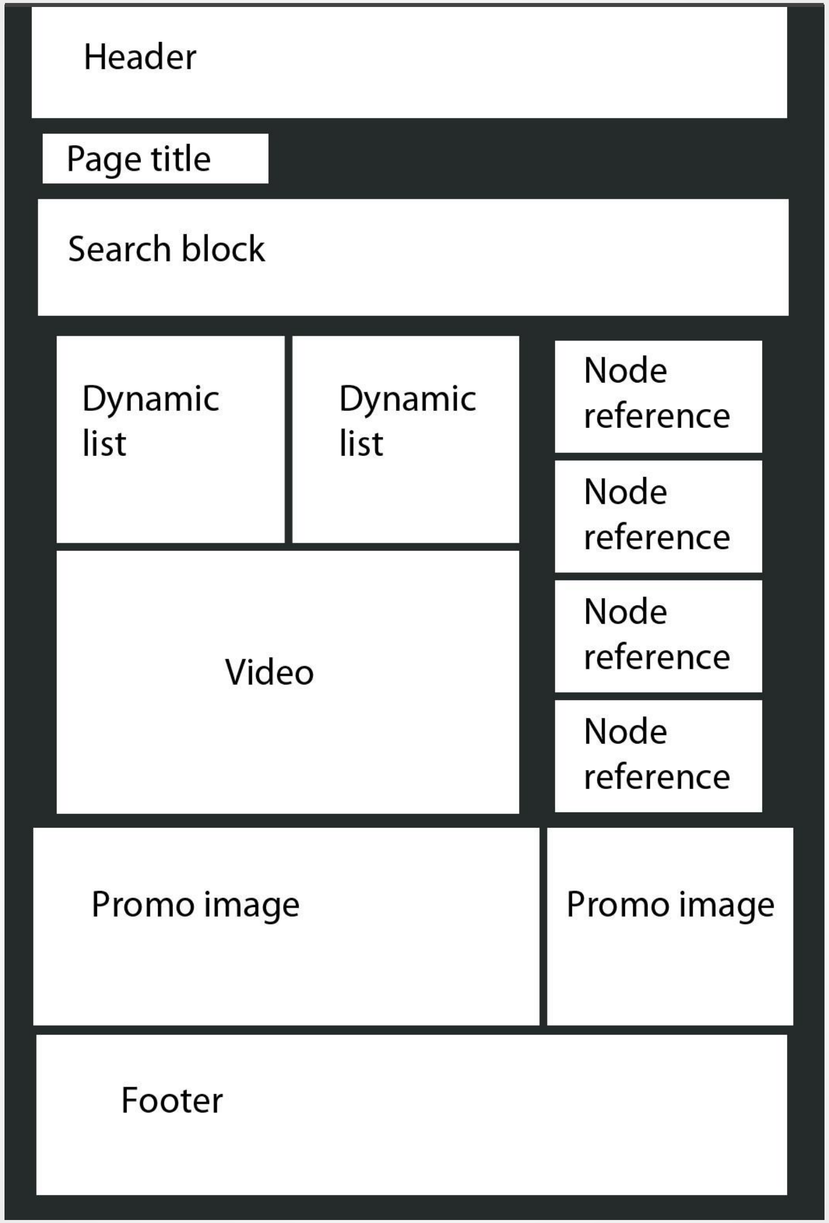
No front page content has been created yet.

Powered by Drupal

Does technical approach match client vision?

Ignore content editors at your own peril

It's a CMS.
Implementation matters.



Header

Page title

Search block

Dynamic list

Dynamic list

Node reference

Node reference

Node reference

Node reference

Video

Promo image

Promo image

Footer

We thought:

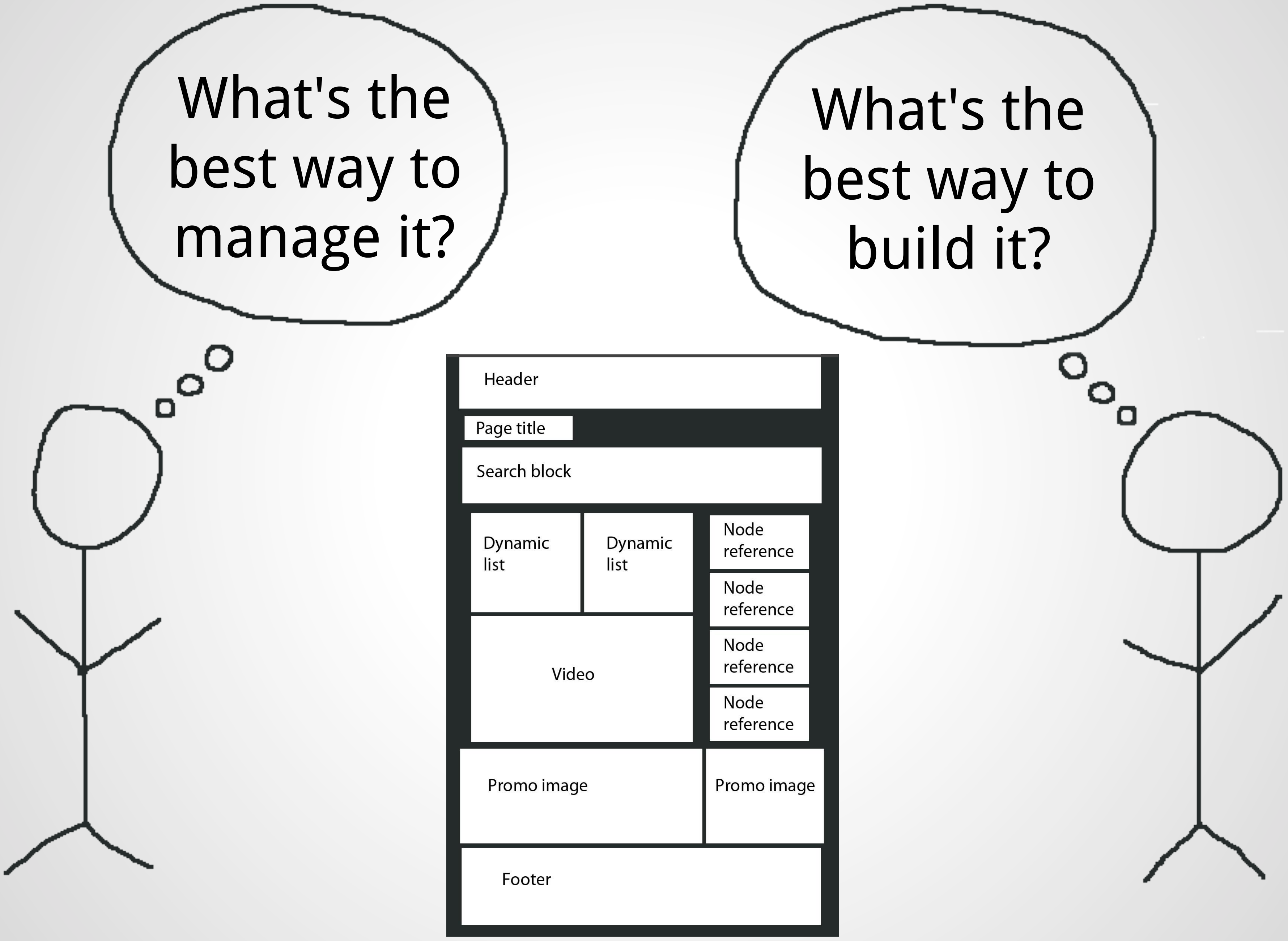
Panels page using views, blocks and beans was the most efficient solution, and that's what we delivered.

They thought:

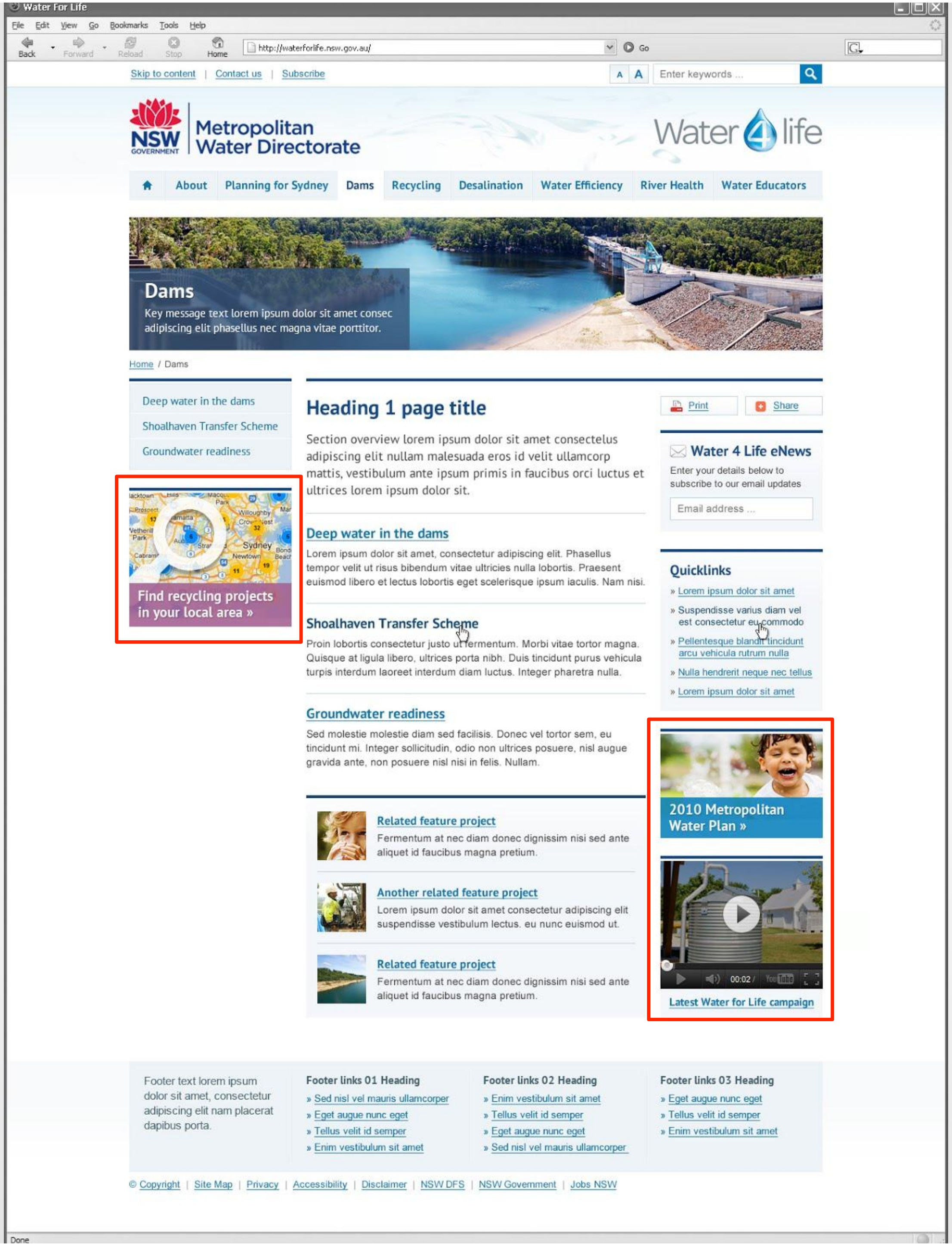
Why isn't it a node? How do we manage it? Does it fit into the content hierarchy? How can we track revisions?

In the end:

We rebuilt it as a node.


What's the best way to manage it?
What's the best way to build it?
Header
Page title
Search block
Dynamic list
Dynamic list
Node reference
Node reference
Node reference
Node reference
Video
Promo image
Promo image
Footer

What questions should you ask?



Dams

Key message text lorem ipsum dolor sit amet consec adipiscing elit phasellus nec magna vitae porttitor.

Home / Dams

- Deep water in the dams
- Shoalhaven Transfer Scheme
- Groundwater readiness

Find recycling projects in your local area »

Heading 1 page title

Section overview lorem ipsum dolor sit amet consectelus adipiscing elit nullam malesuada eros id velit ullamcorp mattis, vestibulum ante ipsum primis in faucibus orci luctus et ultrices lorem ipsum dolor sit.

Deep water in the dams

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Shoalhaven Transfer Scheme

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Groundwater readiness

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Related feature project

Fermentum at nec diam donec dignissim nisi sed ante aliquet id faucibus magna pretium.

Another related feature project

Lorem ipsum dolor sit amet consectetur adipiscing elit suspendisse vestibulum lectus. eu nunc euismod ut.

Related feature project

Fermentum at nec diam donec dignissim nisi sed ante aliquet id faucibus magna pretium.

Water 4 Life eNews

Enter your details below to subscribe to our email updates

Quicklinks

- » Lorem ipsum dolor sit amet
- » Suspendisse varius diam vel est consectetur eu commodo
- » Pellentesque blandit tincidunt arcu vehicula rutrum nulla
- » Nulla hendrerit neque nec tellus
- » Lorem ipsum dolor sit amet

2010 Metropolitan Water Plan »

Latest Water for Life campaign

Footer text lorem ipsum dolor sit amet, consectetur adipiscing elit nam placerat dapibus porta.

Footer links 01 Heading

- » Sed nisl vel mauris ullamcorper
- » Eget augue nunc eget
- » Tellus velit id semper
- » Enim vestibulum sit amet

Footer links 02 Heading

- » Enim vestibulum sit amet
- » Tellus velit id semper
- » Eget augue nunc eget
- » Sed nisl vel mauris ullamcorper

Footer links 03 Heading

- » Eget augue nunc eget
- » Tellus velit id semper
- » Enim vestibulum sit amet

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A few different options…

- Field on each node
    - Simple to implement, a lot of content to manage and potential duplication
- One per section using context
    - Slightly more complex dev, less content to manage, but less flexibility
- Field on each node but inherits if empty
    - Even more complex dev but less work to manage, and more flexibility
- Block visibility settings
    - Simplest to implement, more complex to maintain, most flexibility

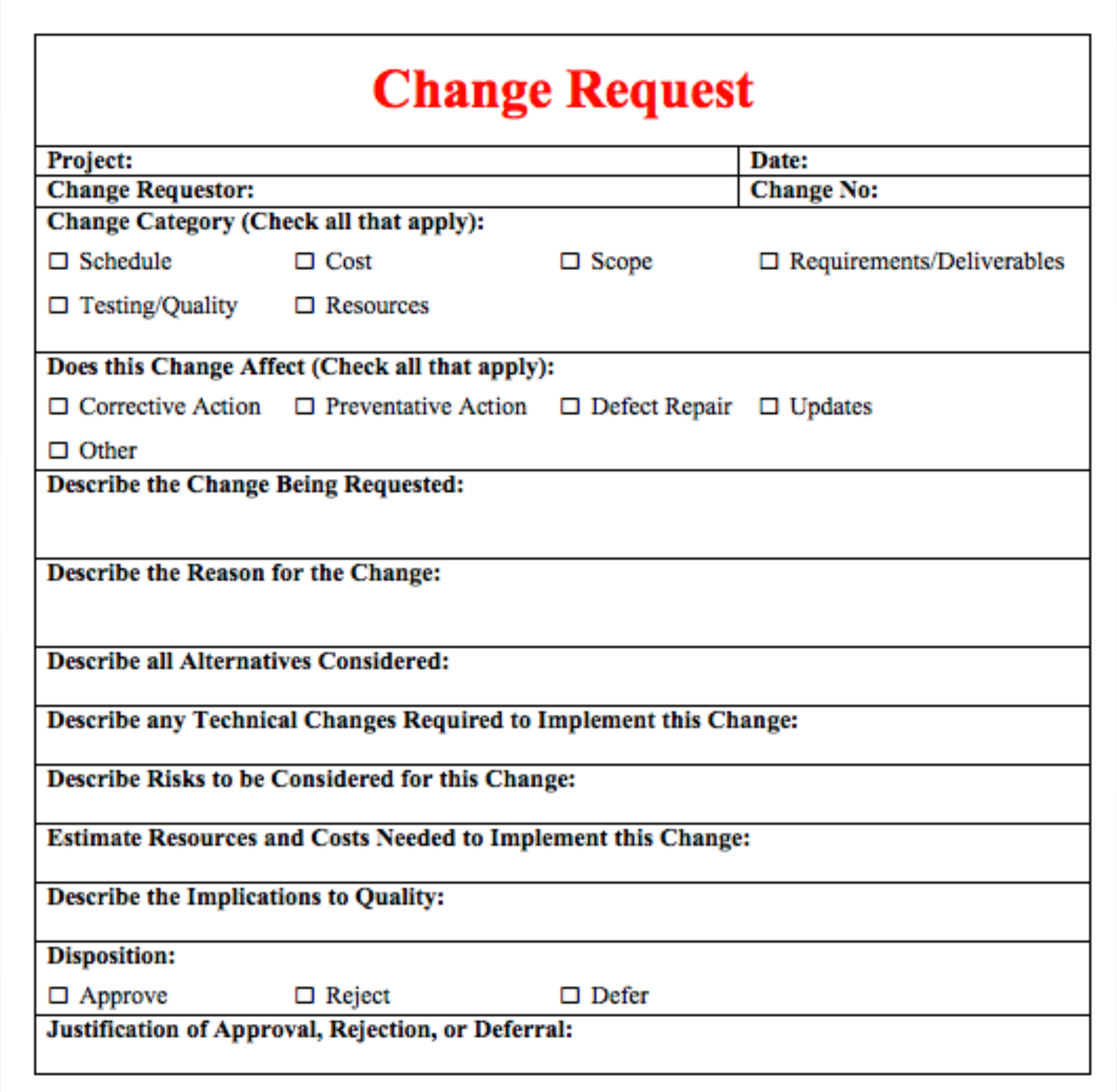
What works best for the client?

- Team size?
- Technical ability?
- Familiarity with Drupal?
- Legacy CMS?
- Versioning?
- Ongoing maintenance implications?

In the end:

Small tech-savvy, team wanted the most flexibility with the least effort. Beans with block visibility settings did the job.

I don't see why we would change anything at this point
Client X



Change Request

Project:	**Date:**
Change Requestor:	**Change No:**

Change Category (Check all that apply):

□ Schedule □ Cost □ Scope □ Requirements/Deliverables

□ Testing/Quality □ Resources

Does this Change Affect (Check all that apply):

□ Corrective Action □ Preventative Action □ Defect Repair □ Updates

□ Other

Describe the Change Being Requested:

Describe the Reason for the Change:

Describe all Alternatives Considered:

Describe any Technical Changes Required to Implement this Change:

Describe Risks to be Considered for this Change:

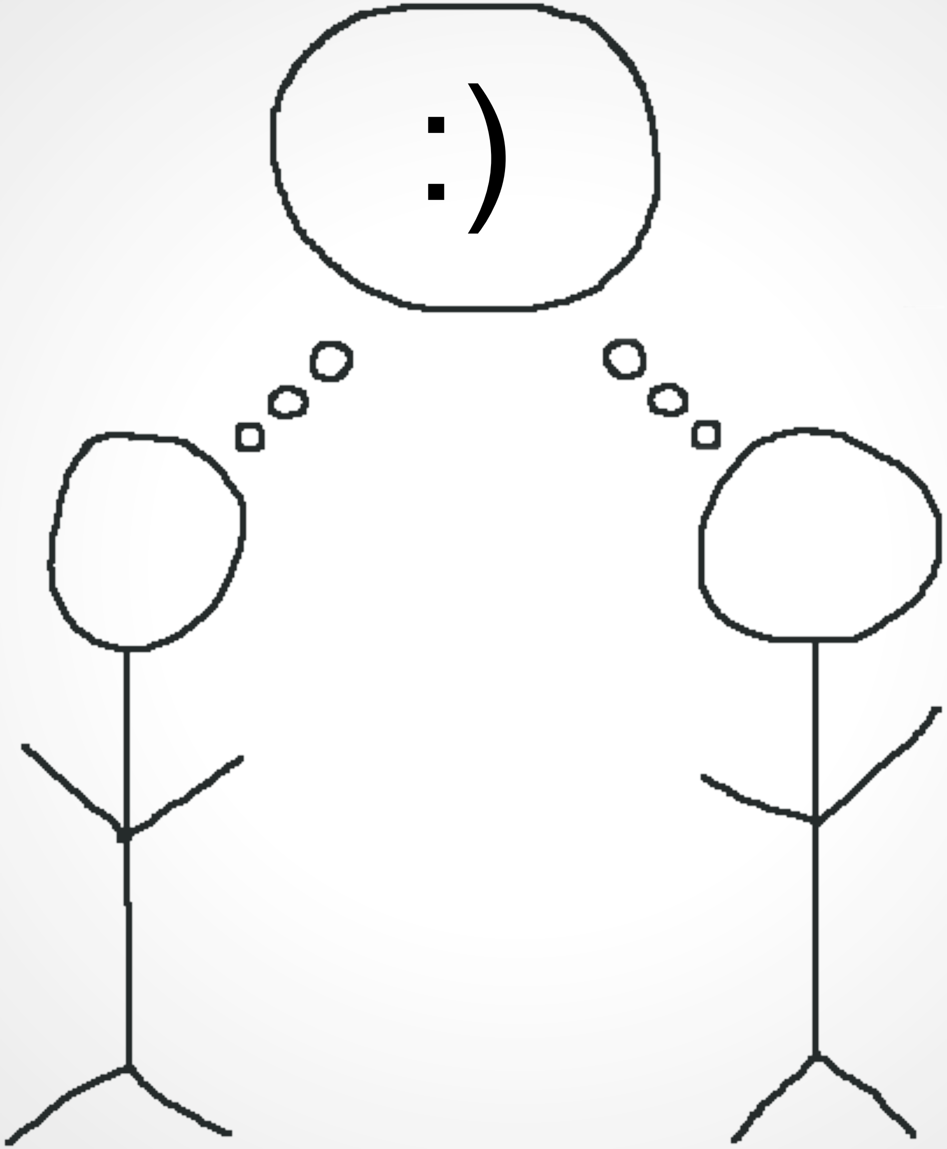
Estimate Resources and Costs Needed to Implement this Change:

Describe the Implications to Quality:

Disposition:

□ Approve □ Reject □ Defer

Justification of Approval, Rejection, or Deferral:



Questions?

DRUPALCON
SYDNEY
GROWING DRUPAL DOWNUNDER

Feedback please

http://sydney2013.drupal.org/node/943

Contact

pam@previousnext.com.au

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