

Adaptive content in Drupal

<http://goo.gl/A4ejvF>

What we can learn from technical writers

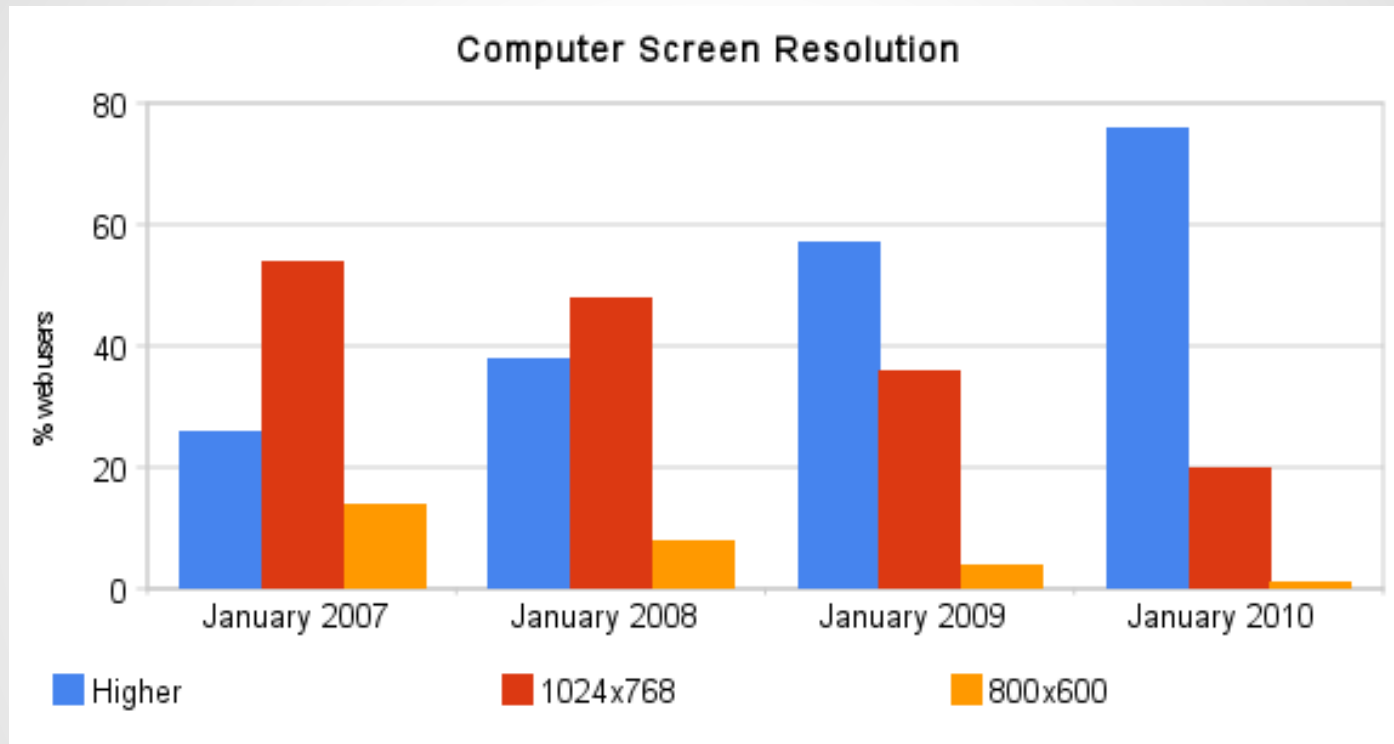
follow along:
<http://goo.gl/A4ejvF>



Pronovix

Introduction

What's the big deal with mobile?



A short history of screen resolutions



And then mobile happened...

Responsive design

Stop worrying about size

The markup

```
<div class="container">
  <div class="row">
    <div class="threecol">
      <p>Column 1</p>
    </div>
    <div class="threecol">
      <p>Column 2</p>
    </div>
    <div class="threecol">
      <p>Column 3</p>
    </div>
    <div class="threecol last">
      <p>Column 4</p>
    </div>
  </div>
</div>
```

Explanation of the classes and markup

.container
Is a full width div that allows layouts to have a background that spans the full width of the browser. It also contains 20px padding on either side to keep content away from the edges when it becomes fluid. You can just use one big container, or use multiple to break the page horizontally.

.row
Is a row of columns. It centres them and defines the 1140px max-width.

.onecol, .twocol, .threecol, .fourcol, .fivecol, .sixcol, .sevencol, .eightcol, .ninecol, .tencol, .elevencol, .twelvecol

Are the classes for each column. They can be used in any combination within a row that adds up to twelve or less.

.last
The last column within a row also needs this class. It removes the right margin so all the columns fit within the row.

The markup

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    </div>
    <div class="threecol">
      <p>Column 3</p>
    </div>
    <div class="threecol last">
      <p>Column 4</p>
    </div>
  </div>
</div>
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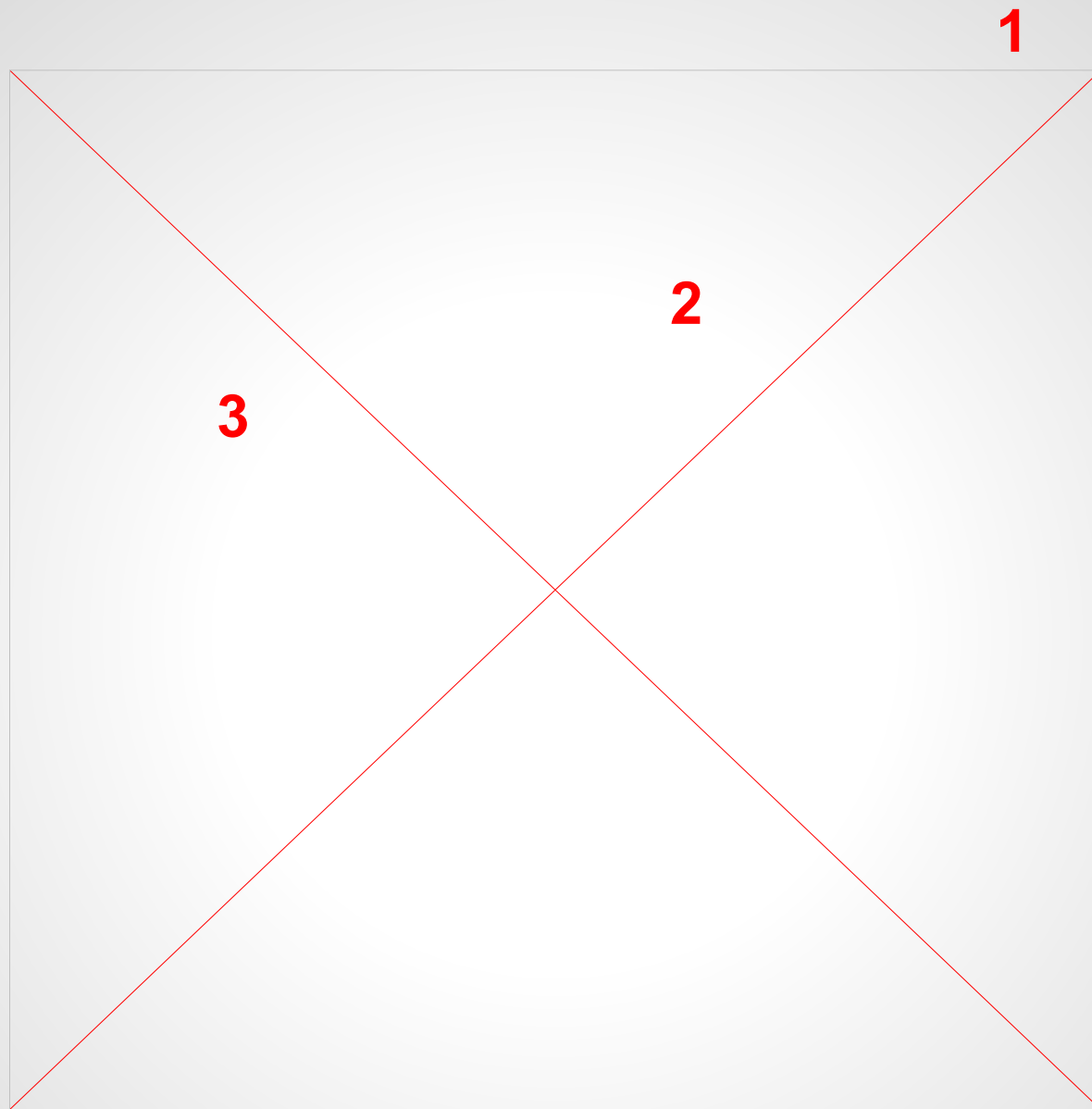
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    </div>
  </div>
</div>
```

Fluid grid



Media queries

The big idea



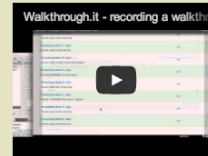
WHY should you go treasure hunting when you need stuff done?

Play walkthroughs



PLAY, PAUSE, EDIT! Switch the back seat for the steering wheel.

Record walkthroughs



RECORD a tutorial, then add descriptions, no code required.

The big idea



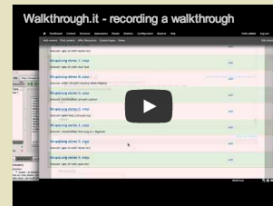
WHY should you go treasure hunting when you need stuff done?

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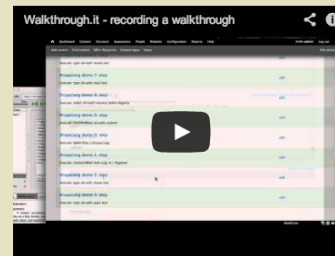
WHY should you go treasure hunting when you need stuff done?

Play walkthroughs



PLAY, PAUSE, EDIT! Switch the back seat for the steering wheel.

Record walkthroughs



RECORD a tutorial, then add descriptions, no code required.

Resizable media

But what about these?

channel explosion





28:56

4.08mi

PACE

7:05

min/mi

twelve
thirty
five

TUE 27





NORTHWESTERN HIGH SCHOOL

HOME
OF THE
WILDCATS

DAKTRONICS

Adaptive content

Create once, publish everywhere

Adaptive content

- Reusable
- Structured
- Presentation-independent
- With meaningful metadata
- Usable CMS interfaces

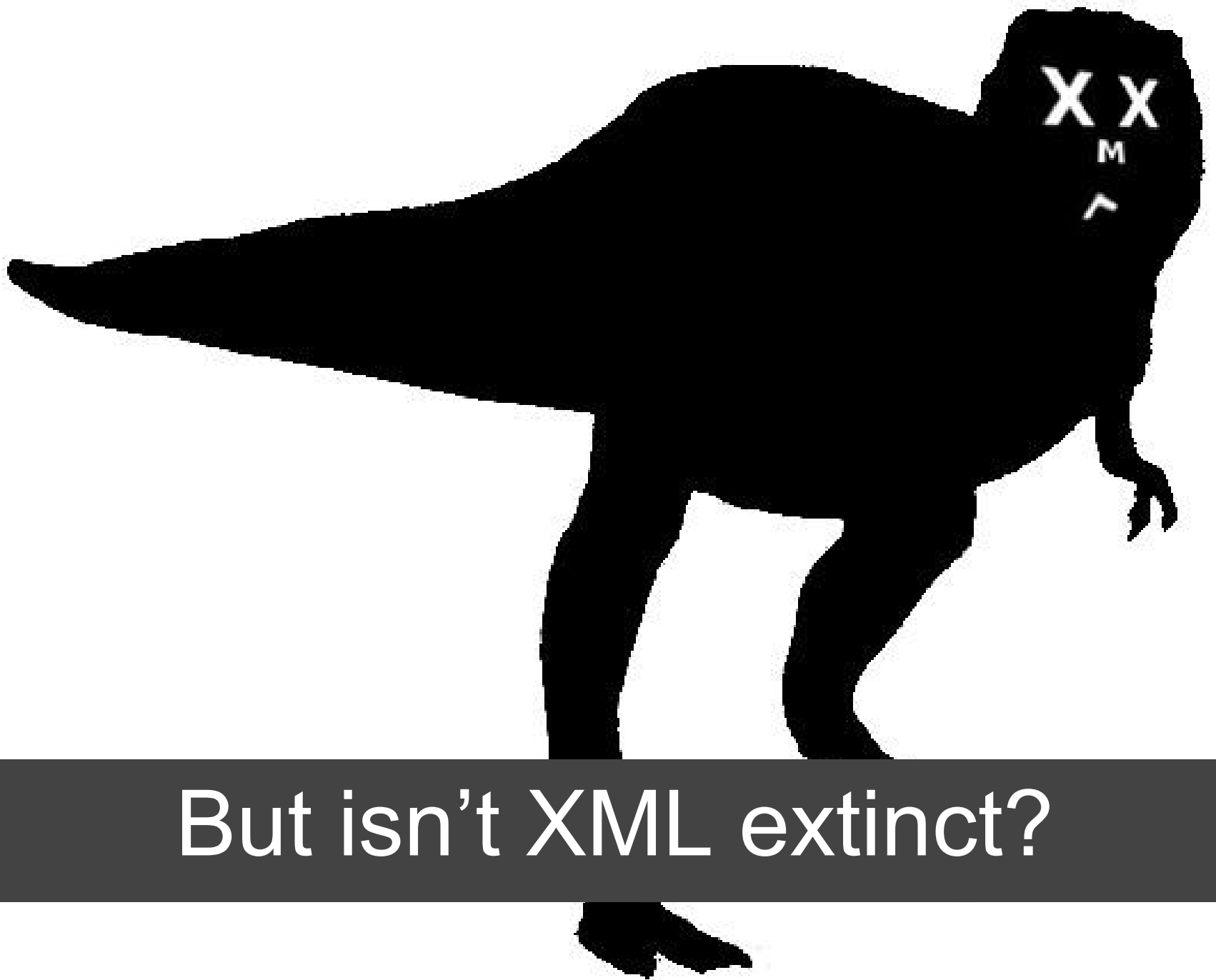
Five key elements of adaptive content as defined by Karen McGrane in her book "Content strategy for mobile"

Let's talk a bit about DITA

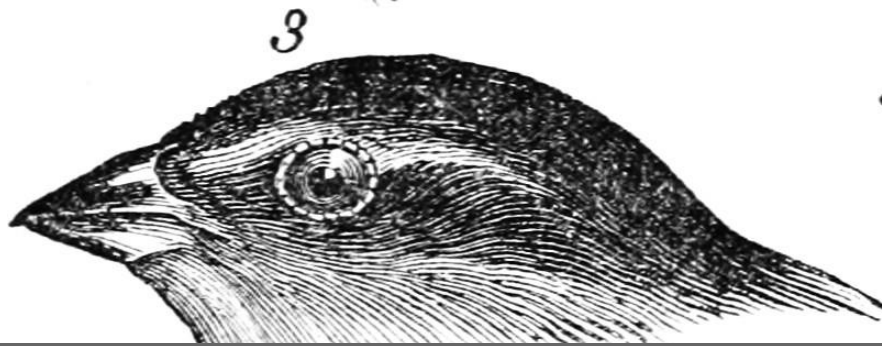
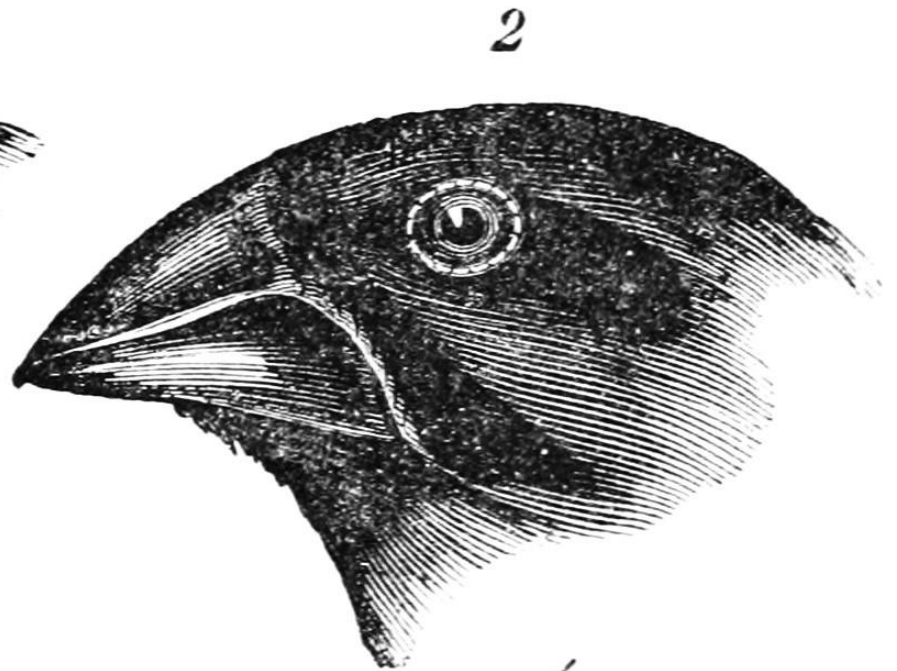
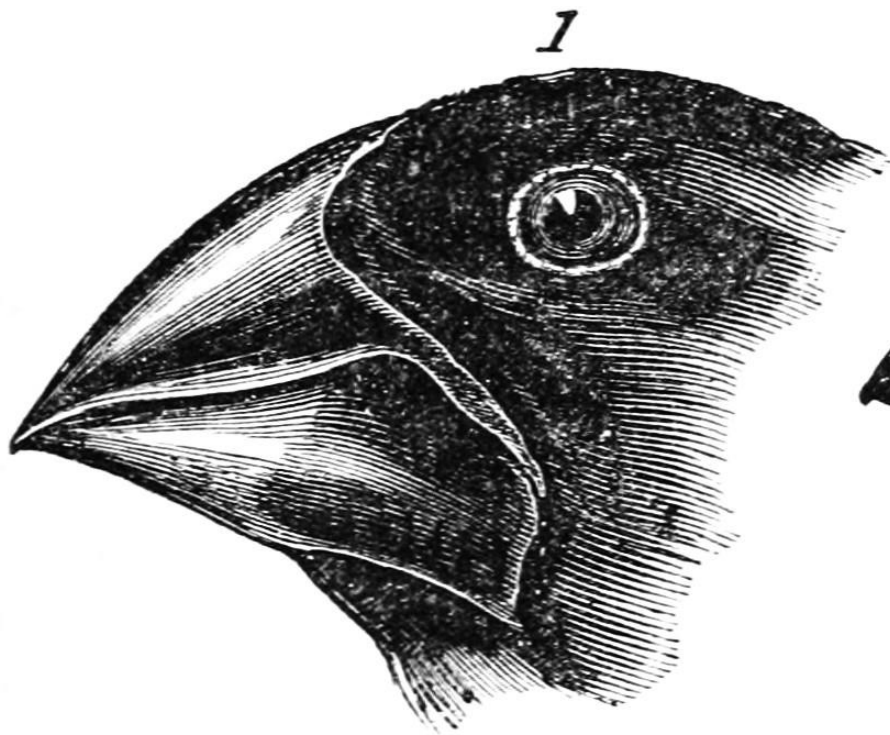
XML is dead, long live XML

Darwin Information Type Architecture

- Topic oriented != book oriented
- Maps: Separation navigation & content
- Conref: content references = transclusion
- Conditional text: context specific docs
- Metadata: loads of it
- Specialization: make your own topic type
- And all of this in XML



But isn't XML extinct?



XML is very much alive

1. *Geospiza magnirostris*.
3. *Geospiza parvula*.

2. *Geospiza fortis*.
4. *Certhidea olivacea*.

What DITA does

- Information typing
- Topic based authoring
- Structured writing
- Conditional text
- Single source
- Minimalism

But you can do all this in Drupal!



& Drupal is way more badass

Drupalzilla

Responsive and Adaptive

Information typing = Content types

[+ Add content type](#)

NAME	OPERATIONS			
Branding (Machine name: branding)	edit	manage fields	manage display	
Page (Machine name: page) A simple page for adding copy to the site.	edit	manage fields	manage display	delete
Step (Machine name: step)	edit	manage fields	manage display	
Walkthrough (Machine name: walkthrough)	edit	manage fields	manage display	
Walkthrough Set (Machine name: walkthrough_set)	edit	manage fields	manage display	

Topic based authoring = Nodes

[+ Add content](#)

SHOW ONLY ITEMS WHERE

- where type is Walkthrough

and where status

[Refine](#) [Undo](#) [Reset](#)

UPDATE OPTIONS

[Update](#)

<input type="checkbox"/>	TITLE	TYPE	AUTHOR	STATUS	UPDATED ▼	OPERATIONS
<input type="checkbox"/>	Demo Test 2 new	Walkthrough	brantwynn	published	08/17/2013 - 04:59	edit delete
<input type="checkbox"/>	Demo Test new	Walkthrough	brantwynn	published	08/17/2013 - 04:56	edit delete
<input type="checkbox"/>	Simpletest test new	Walkthrough	vladokarasek	published	08/16/2013 - 17:51	edit delete
<input type="checkbox"/>	Testing with Drupal.org new	Walkthrough	vladokarasek	published	08/16/2013 - 17:46	edit delete
<input type="checkbox"/>	Second testing new	Walkthrough	vladokarasek	published	08/16/2013 - 17:39	edit delete
<input type="checkbox"/>	Testing Registration on Drupalfund.us new	Walkthrough	vladokarasek	published	08/16/2013 - 17:25	edit delete
<input type="checkbox"/>	Andor's t-shirt (Vol 2) new	Walkthrough	Andor Dávid	published	08/16/2013 - 17:16	edit delete
<input type="checkbox"/>	Andor's t-shirt new	Walkthrough	Andor Dávid	published	08/16/2013 - 17:15	edit delete
<input type="checkbox"/>	Simpletest Walkthrough new	Walkthrough	vladokarasek	published	08/16/2013 -	edit

Structured writing = fields

[Show row weights](#)

LABEL	MACHINE NAME	FIELD TYPE	WIDGET	OPERATIONS	
+ Name	title	Node module element			
+ Description	body	Long text and summary	Text area with a summary	edit	delete
+ Create from Selenium test	field_raw_input	Long text	Text area (multiple rows)	edit	delete
+ Advanced settings	group_walkthrough_advanced	<div>Fieldset</div>	fieldset collapsed required_fields yes		delete
+ Tags	field_tags	Term reference	Autocomplete term widget (tagging)	edit	delete
+ Steps	field_steps	Entity Reference	Autocomplete	edit	delete
+ Parameters	field_parameters	Field collection	Embedded	edit	delete
+ Add new field	<div><input type="text"/></div> <div>Label</div>		<div><div>- Select a field type -</div></div> <div>Type of data to store.</div>	<div><div>- Select a widget -</div></div> <div>Form element to edit the data.</div>	
+ Add existing field	<div><input type="text"/></div> <div>Label</div>	<div><div>- Select an existing field -</div></div> <div>Field to share</div>	<div><div>- Select a widget -</div></div> <div>Form element to edit the data.</div>		
+ Add new group	<div><input type="text"/></div> <div>Label</div>	<div>group_ <input type="text"/></div> <div>Group name (a-z, 0-9, _)</div>	<div><div>Fieldset</div></div>		

Conditional text, there's a module for that

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Conditional text

[View](#) [Version control](#)

Posted by [Yorirou](#) on April 2, 2011 at 2:34pm

Conditional Text module for Drupal

This module adds a text filter called "Conditional text" to your site. The conditional text filter allows you to write content for your site that contains sections that are displayed or hidden depending on certain conditions, allowing you to write content that can be used in different situations or for different audiences. For example, if you are writing software documentation, you might want to write content explaining how to use a particular feature, and include certain sections that apply to one version of the software, and other sections that apply to another version. If you were displaying this documentation to a user of one version, you would hide the inapplicable information from the other version. This allows you to avoid duplicating the content (which makes it more difficult to maintain) -- instead of writing a different manual for each version, you write one version with conditional sections.

This module uses a plugin system to define the available conditions and display options. Condition plugins allow you to define different types of conditional sections in your content. Display plugins govern how the conditional content is displayed. How this works:

- When filtering content for display, the main module looks for sections in your content with the syntax:
`[condition TYPE DETAILS](conditional text here)/condition]`
where TYPE is the name of an installed condition plugin, and DETAILS are specific to each condition type.
- The condition plugin evaluates DETAILS to see whether the condition is considered "true" or "false". This can depend on who is viewing the content, what versions of what modules are enabled on your site, and other factors, depending on the condition plugin.
- The display plugin decides how to render the (conditional text here), depending on whether the

Maintainers for Conditional text

[Yorirou](#) - 115 commits
last: 1 year ago, first: 2 years ago

[View all committers](#)
[View commits](#)

Issues for Conditional text

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

[Search](#)


[Advanced search](#)


All issues
[9 open, 34 total](#)

Bug reports
[3 open, 11 total](#)

[Subscribe via e-mail](#)

Statistics (2 years)

New issues  0

Open bugs  3

It's more than code

Educate your users

Teach your users minimalism



Single source => no listing blobs

Modify the display(s) of your view below or add new displays. Save Cancel

Displays

Users + Add edit view name/description

▼ Users details

Display name: **Users** view Users

TITLE Title: Accepted	PAGE SETTINGS Path: /admin/config/people/leg... Menu: Tab: Accepted Access: Permission Administer Terms and Conditions	► Advanced
FORMAT Format: Table Settings	HEADER Add	
FIELDS Add User: Name (User) Legal: Version (Version) Broken/missing handler (Language) Legal: Revision (Revision) Legal: Time Accepted (Time Accepted)	FOOTER Add	
FILTER CRITERIA Add Legal: Version (not empty)	PAGER Use pager: Full Paged, 50 items More link: No	
SORT CRITERIA Add User: Uid (desc) Legal: Version (desc) Broken/missing handler (asc) Legal: Revision (asc)		

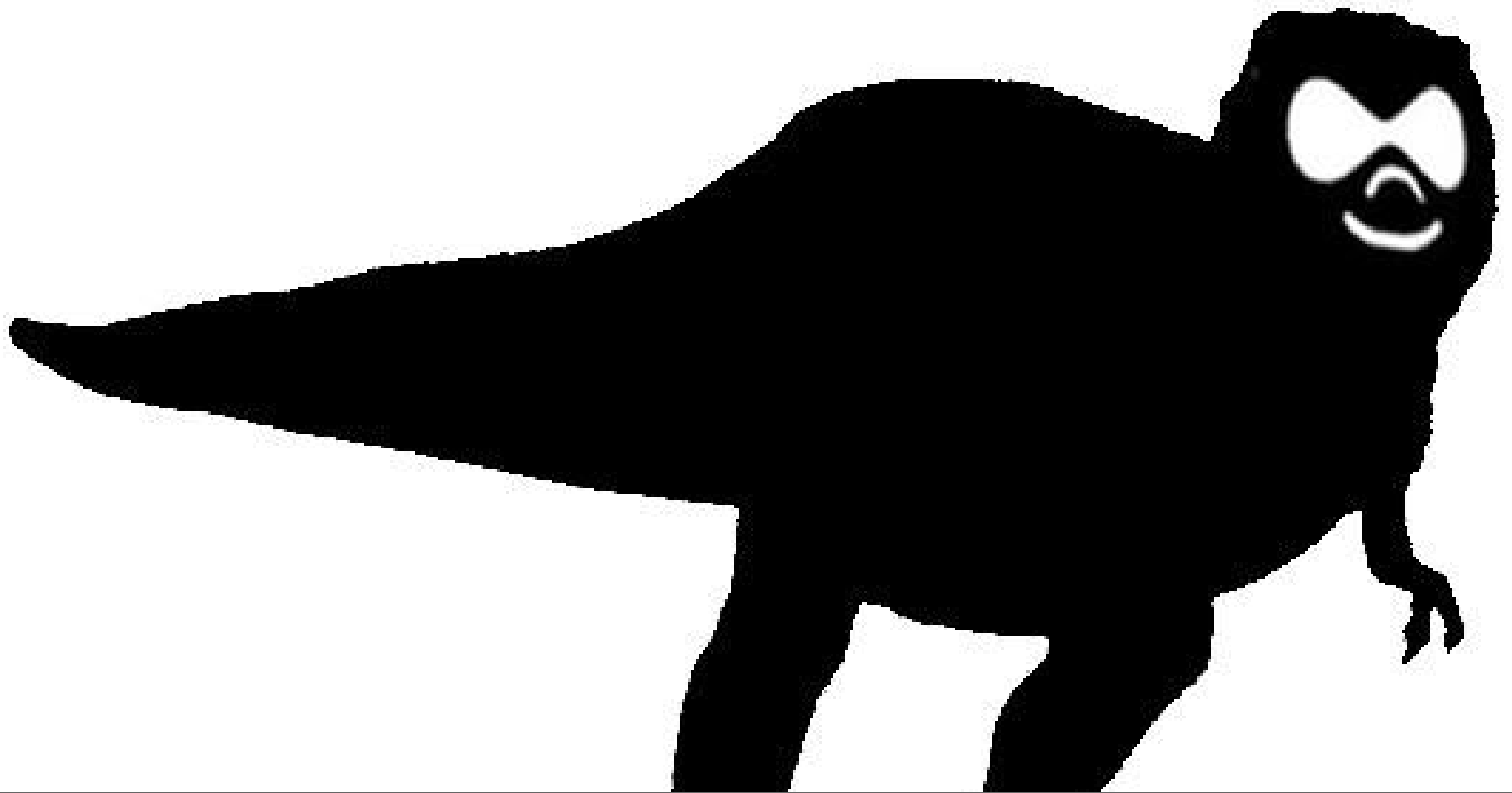
Presentation independent

~~WYSIWYG~~



Meaningful metadata

- Keywords (Fields, Taxonomy)
- Expiration date (Date module)
- Post initial energy (Radioactivity)



Drupalzilla: strong enough to
handle all your channels

Make sure to watch these

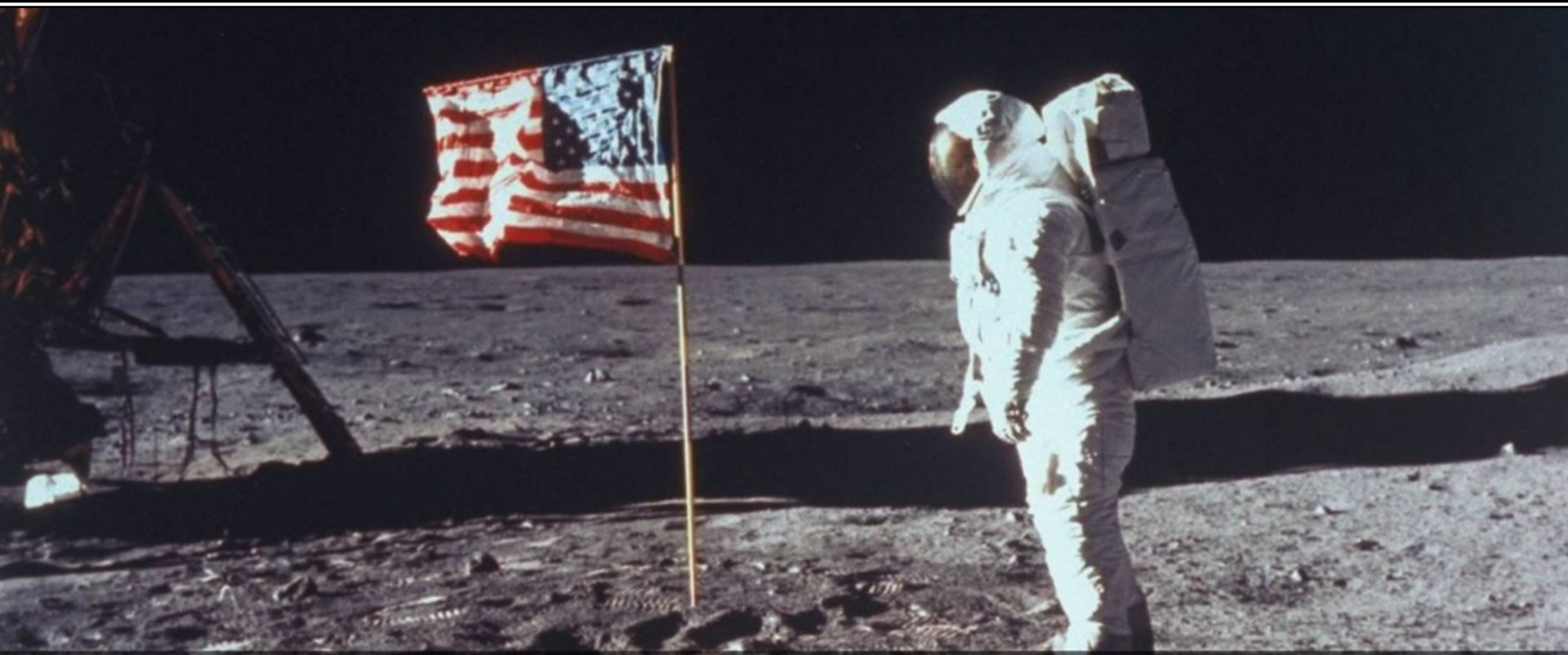
Adaptive content @ Drupalcon Portland

building for the post-mobile world

*why "mobile sites" are doomed,
why the future is made of structured content,
and how to build without breaking the bank*



<http://goo.gl/2Jyy3V>



THRIVING IN A WORLD OF CHANGE
Future-friendly content with Drupal

@karenmcgrane

<http://goo.gl/l42jQv>



Kristof Van Tomme

<http://pronovix.com>

@kvantomme

Media Sources

https://en.m.wikipedia.org/wiki/File:Original_iPhone_docked.jpg

http://en.wikipedia.org/wiki/File:A_Google_Glass_wearer.jpg

http://commons.wikimedia.org/wiki/File:Pebble_watch_trio_group_04.png

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