HEADS UP 7 UP
Upgrade to Drupal 7

Presented by:
Shea McKinney & Ben Koether

Who we are...

Shea "Butter" McKinney

D.org: sherakama
http://drupal.org/user/478028
twitter: sherakama
ixm : imagexmedia.com/shea

"Big" Ben Koether

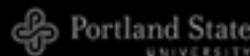D.org: bkoether
http://drupal.org/user/167341
twitter: ben_ned
ixm : imagexmedia.com/benjamin

Who we are... ImageX Media

- Web Design/Development since 2001, exclusively Drupal since 2006.

- Over 120 med-enterprise level Drupal sites launched in the last 6 years

- Enterprise level Private, Public, Education and Non-Profit clients.

Adobe WB RECORDS ASU Discovery EDUCATION

UCSF A&E CreativePro.com upa Portland State UNIVERSITY VSB Berkeley

Should I upgrade to Drupal 7?

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Short answer: Yes!*

Topics Covered:

- What are the benefits of upgrading?
- Is Drupal 7 and the contributed modules I use ready in D7?
- How to upgrade?
    - Core & Contrib
    - Custom
    - Content
    - Catastrophes
    - LIVE DEMO !!!

Keep yourself occupied

#hu7up fail

vs

#hu7up win

The new 'wheels'

Drupal 6

FotoSleuth @ Flikr

Drupal 7

jsnyng @ Flikr

Core
- Entities
- Improved Form API
- Database abstraction layer

Contrib
- Media Module
- Display Suite
- Omega + Delta

Other Benefits

- New functionality / features
- Better Site Usability
- Better Security
- Better tools for the mobile environment

- (web)chicks will dig you

Is Drupal 7 ready for me?

YES!

- The Core is stable
- 3200+ contributed modules. Some only for D7.
- Majority of popular contrib modules are D7 and stable.
- Drupal 8 is still "far far away"
- Drupal 7 Usage just (February) surpassed D6 usage

Angie @webchick   21 Feb
This week marks the first week that #drupal 7 usage stats overtook
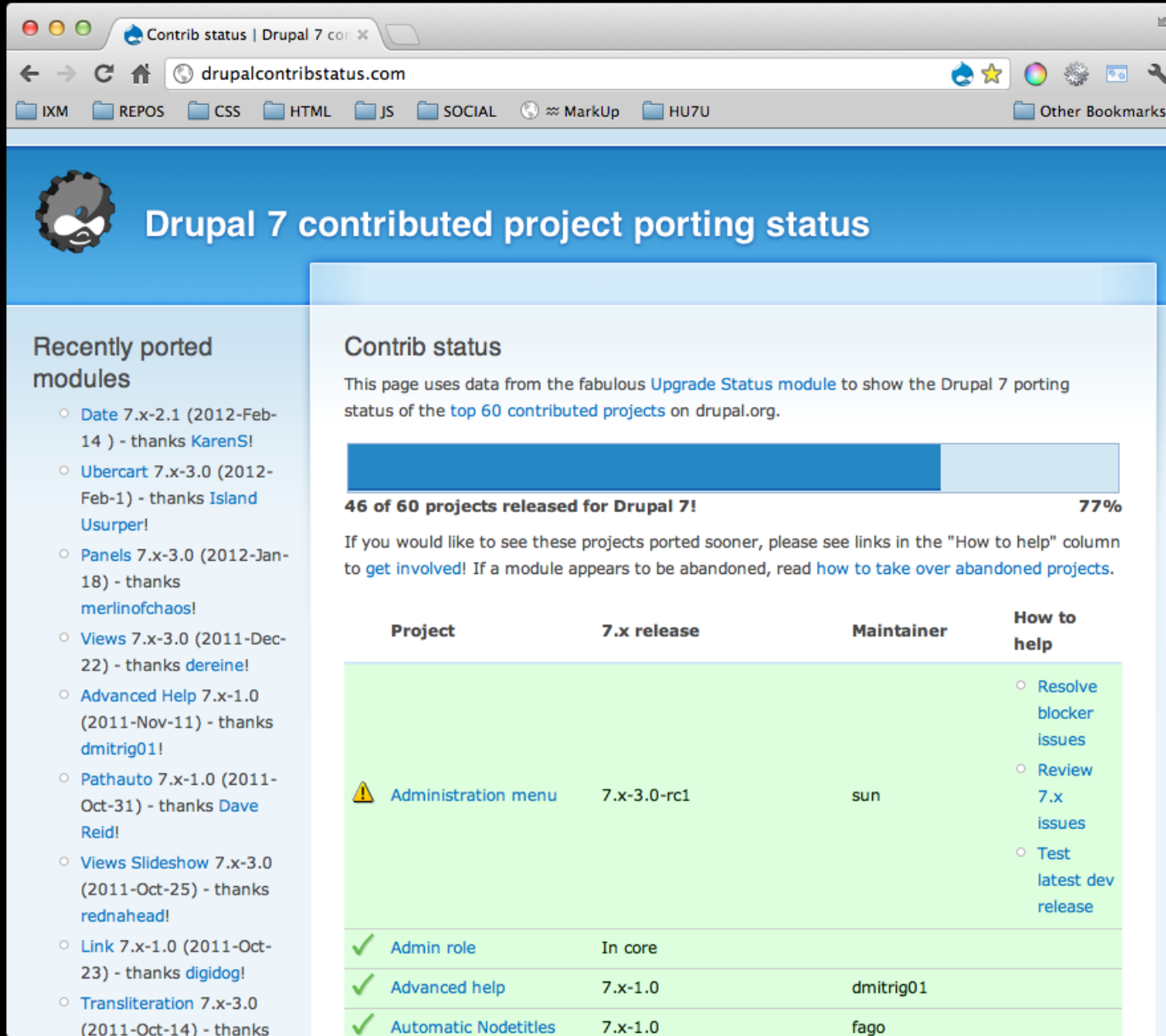#drupal 6 usage stats: drupal.org/project/usage/...
#mybabyisallgrownup

Resources:
http://drupalcontribstatus.com/
http://drupal.org/project/usage/drupal

Weekly project usage

Week	5.x	6.x	7.x	8.x	Total
March 11, 2012	6,555	314,508	342,564	118	663,745
March 4, 2012	8,483	327,862	335,960	114	672,419
February 26, 2012	6,843	302,667	331,656	123	641,289
February 19, 2012	6,895	299,010	321,123	111	627,139
February 12, 2012	6,954	300,635	315,789	114	623,492
February 5, 2012	7,017	321,150	311,723	85	639,975
January 29, 2012	7,071	319,109	302,408	99	628,687
January 22, 2012	7,101	316,048	286,204	97	609,450
January 15, 2012	7,177	315,008	280,328	105	602,618
January 8, 2012	7,317	316,057	271,337	90	594,801
January 1, 2012	7,230	305,375	250,981	80	563,666

Contributed Module Status

46 of 60 Top Modules D7 Ready

Resources: http://drupalcontribstatus.com

Problem Modules

Where have all the modules gone?
- Organic Groups(115 D6 vs. 21 D7 modules)
- Ubercart (438 D6 vs 119 D7 modules) + Commerce
- NodeWords
- Path Redirect
- NodeRelationships
- Content Profile
- Menu Trails
- SEO modules not quiet up to D6 standards

How to upgrade? Core & Contrib

Steps:
1. Backup everything!!! (DB & Files)
2. Upgrade everything to latest D6 version
3. Disable all non-core modules
4. Switch core & contrib files to D7
5. Run update.php
6. Enable contrib modules
7. Run update.php

Drush is your friend:
- drush upc (update-code)
- drush sup (site-upgrade)

Demo Time

#hu7up fail

vs

#hu7up win

How to upgrade? Custom modules

Option A: Do it yourself
- Coder Module + Coder Ugrade (http://drupal.org/project/coder)
- Drupal Documentation (http://drupal.org/node/224333)

Option B: Hire a developer or use a service

- http://drupal.org/paid-services
- http://upgrade.boombatower.com

What about my site's theme?

What will it take to upgrade?

New In Drupal 7
- phptemplate functions
- New variables, Theme hook, template files and names
- render()
- $content mandatory and a block

Things to Consider:
- Themes are usually custom
- Upgrade path. Some contributed themes have 7 version
- Views template files (tedious and time consuming)
- Doctype (HTML5 vs XHTML)
- Mobile (responsive themes) Drupal 7 is the way to go

How to upgrade? Content

How do I get my content from D6 to D7?

Two choices

a. Clean Drupal Installation [migration]
- Node export
- Migrate module

b. Upgrade path
- Content is all carried along through module/core

How to upgrade? Content

- Will I lose anything?
  - No but...
    What happens if I use a non-supported CCK field type?

- What about my images and other files?
    a. Migrate to Media
    b. Filefield upgrade path
    c. IMCE - Drop files in files folder :S

www.wallpapers.dk

How to upgrade? Catastrophes

Even Freud would say this process has issues:

- Volume of content
    - solution: batches! Compression. Slowing down time.

- User contributed content (making the switch)
    - solution: migrate module?

- My file paths are broken
    - Repair file paths. How to track em down.

- It's just plain broken.
    - Picky, finicky, pain in the rear

Count the cost...

Dealbreakers:
- og modules
- hacked core
- running views 1 beta

Take into consideration:
- Number of contributed modules and status of those modules
- Number of custom modules
- Number of themes + template files (views.tpl hell)
- Server/Hosting requirements

In the end...

...Drupal 7 is the way to go.

...upgrading your site is not that bad, but in some cases not the best solution.

...use the tools that are out there.

...be aware of the cost.

...everything is going to be all right :)

Demo Time

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vs

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Questions?

Q. Why is this man juggling kittens?

Q. Will you upgrade my site for me?

Q. What is round on both ends and hi in the middle?

Q. What is Ben's middle name?

What did you think?

Locate this session on the
DrupalCon Denver website

http://denver2012.drupal.org/program

Click the "Take the Survey" link.

Thank You!