

State of Drupal Boston 2008

Dries Buytaert

Drupal 6

Released February 13, 2008

We have been busy bees



	Drupal 5	Drupal 6
Core contributors	472	741
Core patches	4927	9425

Drupal 6 has more features

The image is a collage of three overlapping screenshots from the Drupal 6 user interface.

Top Left Screenshot: Forum module administration

forum module

- administer forums ☐
- create forum topics
- delete any forum topic
- delete own forum topics
- edit any forum topic
- edit own forum topics

Center Screenshot: User login page

localhost

User login

Log in using OpenID:

[What is OpenID?](#)

- [Cancel OpenID login](#)
- [Create new account](#)
- [Request new password](#)

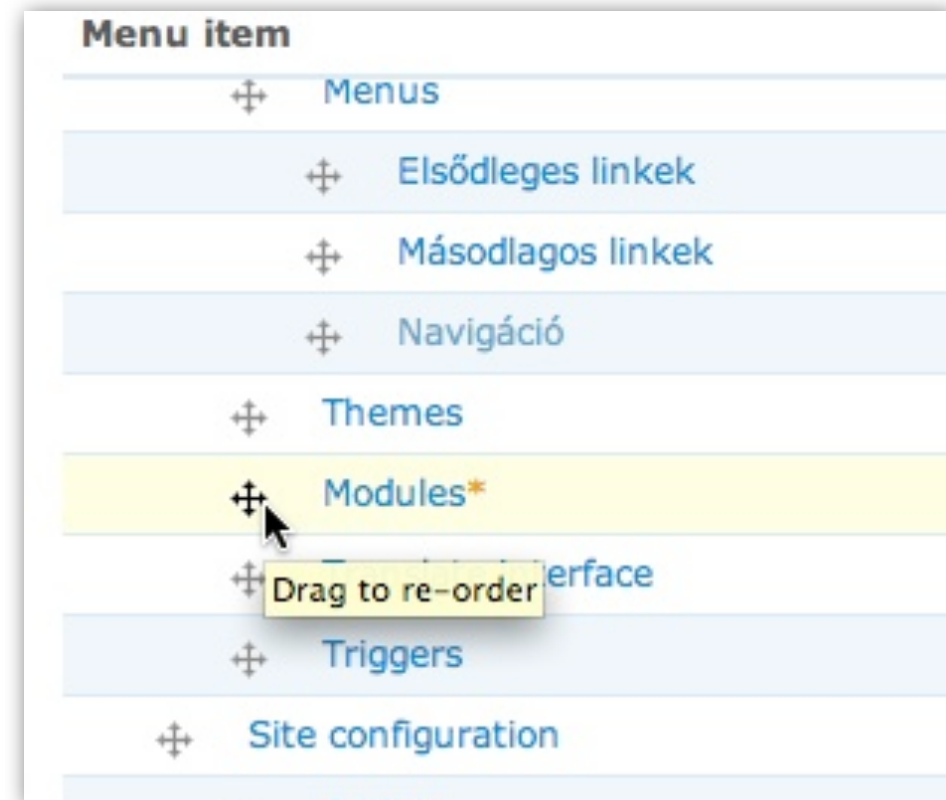
Bottom Right Screenshot: Make a new advanced action available

☒ Choose an advanced action

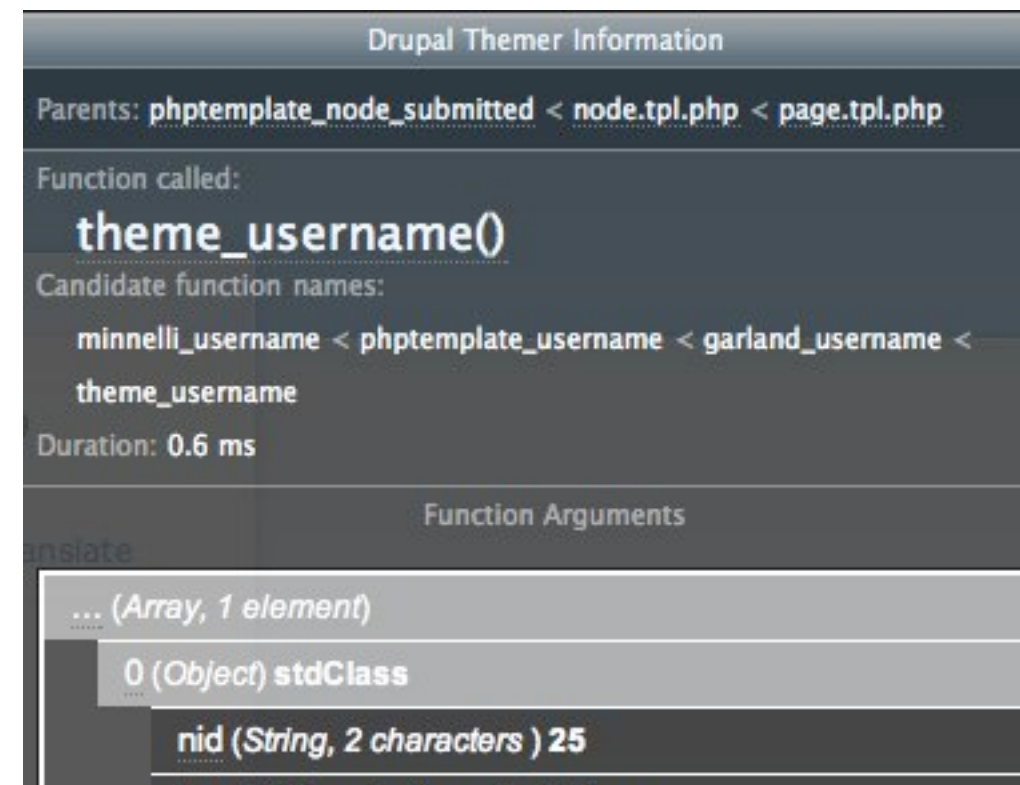
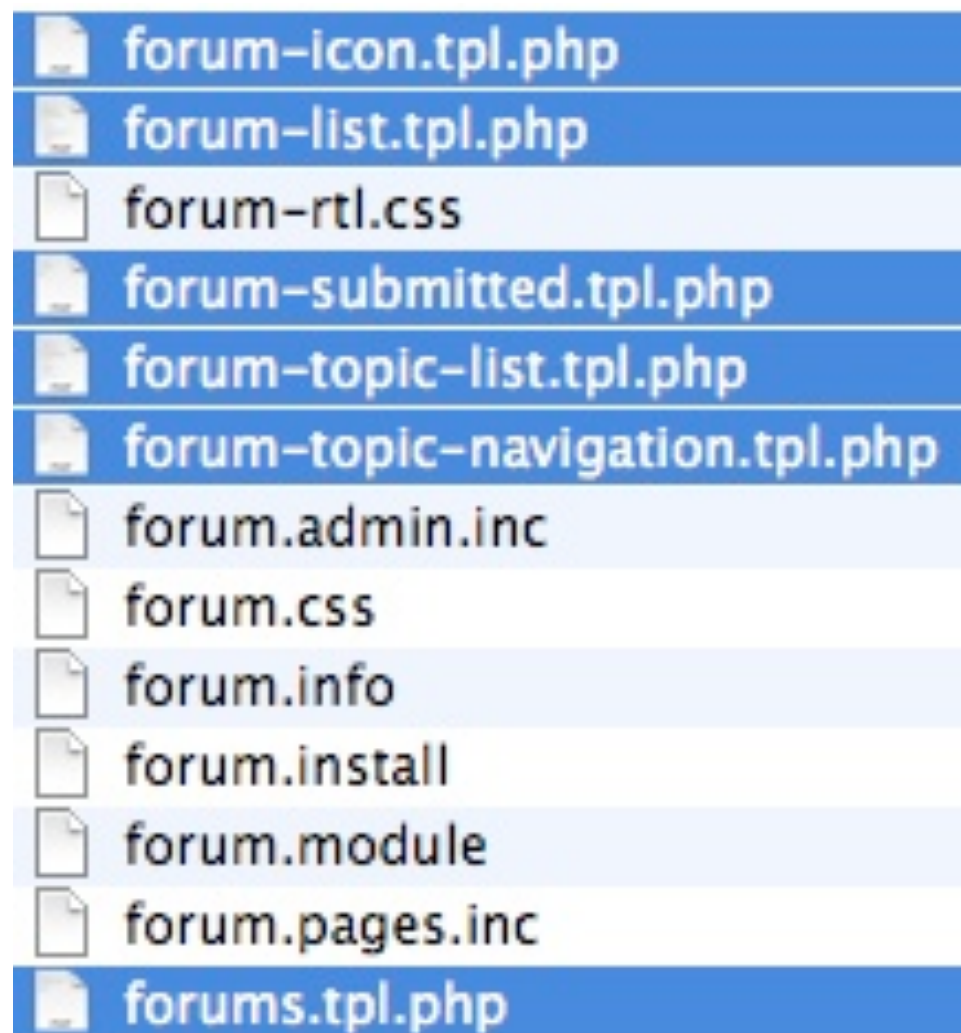
- Unpublish comment containing keyword(s)...
- Change the author of a post...
- Unpublish post containing keyword(s)...**
- Display a message to the user...
- Send e-mail...
- Redirect to URL...

2. End
Nex

Drupal 6 is easier to administer



Drupal 6 is easier to theme



Drupal 6 is more secure

- Update notifications
- PHP input filter module
- Password strength checker

Drupal core

Drupal 6.0

Up to date ✓

Comment, Database logging, Filter, Garland, Help, Taxonomy, Update status, User

Up to date ✓

Update available ✗

6.x-1.1
(2008-Feb-04)

[Download](#) [Release notes](#)

Includes: *Click Heatmap*

Password:

••••

Password strength: **Low**

Confirm password:

••••

Passwords match: **Yes**

It is recommended to choose a password that contains at least six characters. It should include numbers, punctuation, and both upper and lowercase letters.

To change the current user password, enter the new password in both fields.

Drupal 6 is easier to scale

- Scalable logging
- Support for reverse proxies
- Conditionally load PHP files
- Block-level caching
- MySQL master-master replication
- ...

<input checked="" type="checkbox"/>	Path	6.0
<input type="checkbox"/>	PHP filter	6.0
<input type="checkbox"/>	Ping	6.0
<input checked="" type="checkbox"/>	Poll	6.0
<input type="checkbox"/>	Profile	6.0
<input checked="" type="checkbox"/>	Search	6.0
<input type="checkbox"/>	Statistics	6.0
<input checked="" type="checkbox"/>	Syslog	6.0
<input checked="" type="checkbox"/>	Taxonomy	6.0

Drupal 6 is easier to develop for



Defaults



Block
booya
Page 1
Block
Add display



Defaults *Default settings for this view.*



View settings
Tag: None



Basic settings
Name: Defaults
Title: None
Style: Unformatted
Row style: Fields
Use pager: No
Items to display: 10
Access: Unrestricted
Link display: booya
Header: None
Footer: None
Empty text: None

Relationships  
None defined

Arguments  
Node: Nid

Fields  
Node: Body
Node: Nid
User: Uid

Sort criteria  
Node: Promoted to front page asc
Node: Published asc

Filters  
None defined

Click on an item to edit that item's details.

Create new field

Field name: *
field_

The machine-readable name of the field. This name cannot be changed later! The name must start with 'field_' and can include lowercase unaccented letters, numbers, and underscores. You may also choose a human-readable label for the field on next page

Field type: *
Choose the type of value to store and an input method from the list below

Text
Store text in the database.
☐ Text Field
☐ Text Area (multiple rows)

Drupal 6 is for more people

Megjelent a Drupal 6.0 (frissítve)

Hojtsy Gábor · 2008. február 13. 17.05 1439 olvasás

Egy év fejlesztés után a Drupal 6.0 stabil kiadása végre napvilágot láthat. Köszönet a közösség kemény munkájának, több mint 1600 hibajegyet (fejlesztést, új szolgáltatásokat, hibajavításokat) sikerült lezárni az egy év alatt. A változások egyértelműek a Drupal 6 könnyebben használható felületén, a biztonsági és üzemeltethetőségi fejlesztésekben, a barátságosabb telepítőt nézve és a bővített fejlesztői keretrendszert tekintve. Az új funkciók és hibajavítások nagy száma mutatja a Drupal fejlesztők elkötelezettségét a fejlesztők és webhelyarculat-tervezők irányában.

A Drupal manapság olyan nemzetközi nagyságok honlapjait működteti, mint a [Warner Brothers Records](#), a [The New York Observer](#), a [Fast Company](#), a [Popular Science](#) és az [Amnesty International](#). Különböző projektekhez használja a Drupalt a [SonyBMG](#), a [Forbes](#), a [Harvard](#) és sokan mások. Drupal-t használ az internet atyja is személyes blogjához ([Tim Berners-Lee](#)), de podcast ([TWIT.tv](#)), online közösségi ([SpreadFireFox.com](#)), művészeti ([Terminus 1525](#)) és szatirikus ([The Onion](#)) webhelyeket is ez a rendszer működtet. A [magyar példák között](#) hasonlóan találunk médiavállalatokat, közösségeket, önkormányzatokat és személyes blogokat egyaránt.

20 hozzászólás Hírek Kiadások

[Drupal 6.0 letöltés](#)

▷ [Hírolvasó](#)
▷ [Adminisztráció](#)
○ [Kilépés](#)

Aktív fórumtémák

- [User adatok bővítése](#)
- [text type - Multiple values](#)
- [Node-ok két hasámban](#)
- [Flash Video modul: nincs Video Upload mező](#)
- [Útvonal kiegészítés, módosítás](#)
- [Views + comments_recent + user picture](#)
- [Kereső csak bizonyos kategóriákban](#)

[tovább](#)

Friss hozzászólások

- [kicsit több részletet](#)
1 óra 22 perc

PAGE TEXT	SOURCE	TRANSLATION TO HUNGARIAN
Save string	Save string	
Keresés		
Keresés a webhelyen		
Tárgy		
!username, @datetime		
Tartalom átvétel		
Cím		
A triggerek olyan rendszer események, mint például új tartalom beküldése vagy...		

Üdvözlét a frissen telepített Drupal ala

A telepítés befejezéséhez és a használat megkezdéséhez

1. A webhely beállítása

Belépés után az [adminisztrációs részből](#) érhető el a w

2. További funkciók bekapcsolása

Következő lépésként érdemes áttekinteni a [modulok](#)
Továbbiak a [Drupal modulok letöltése oldalon](#) találha


3. A megjelenés megváltoztatása

A webhely kinézetének megváltoztatását a [smink be](#)
választható, de újat is le lehet tölteni a [Drupal smink](#)

4. Tartalom feltöltése

Végül megkezdhető a [tartalmak beküldése](#). Ez az üze
eltűnik.

Az ismerkedést javasolt az adminisztráció menü alapos á
lehetőség felfedezésével kezdeni. Ebben a [Drupal beépíte](#)
felkeresni a [magyar nyelvű](#) vagy az [angol nyelvű](#) Drupal
[levelezési listákon](#) és [fórumon](#) érdemes feltenni.

- 
- ◆ More features
 - ◆ Easier to administer
 - ◆ Easier to scale
 - ◆ Easier to theme
 - ◆ Easier to developer for
 - ◆ More people

- Thanks to the **hundreds of developers** that contributed to Drupal 6
- Thanks to the **OSU OSL** for the hosting
- Thanks to the **thousands of people** that provide **support**, that write **documentation**, and that **evangelize** Drupal, etc.



Drupal 6 is well received



100,000 Drupal 6 downloads the first month (compared to 50,000 Drupal 5 downloads the first month of Drupal 5)

Drupal 6 is well received



20,000 Drupal 6 installations pinging home

To sum it up, **Drupal 6** was exactly what we expected it to be:

AWESOME



The state of our union is strong!

Despite our successes, Drupal is still
in its early stages ...



“Crossing the Chasm”



When are *you* going to buy one?

1. Not until hell freezes over
2. Until I've seen enough of them and I know they get serviced well
3. After most people have switched
4. I'll be (or was) the first one on my block

The world is watching
to see if anything can
be made of Drupal



Still have to make the transition to become mainstream

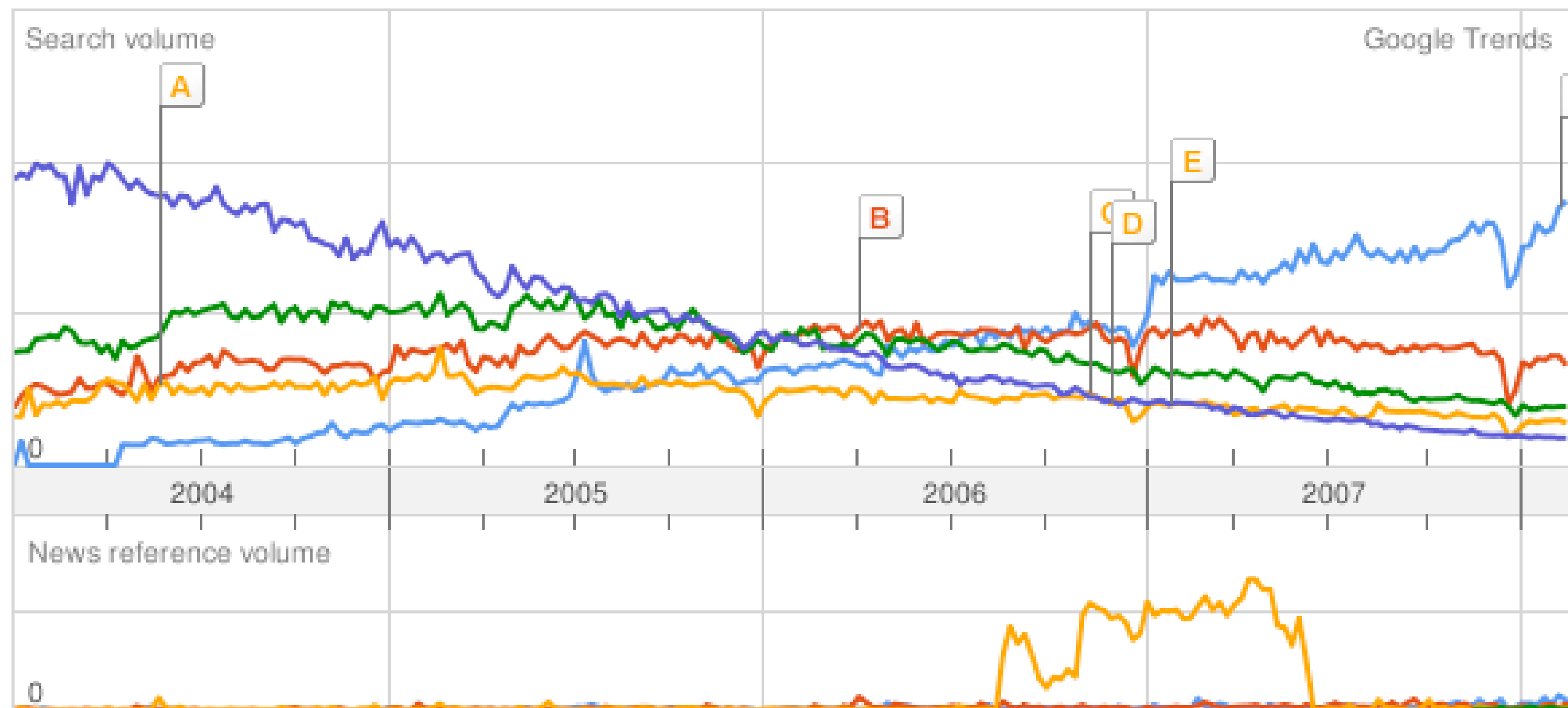
- Extremely difficult transition
- History has proven this is a “do or die” transition
- Requires an unusual degree of unity

Very hard to
recreate momentum
after you lost it

A 3D illustration of a path made of dark grey rectangular blocks, some of which are scattered and broken, leading towards a bright white light at the end of the path. The path is composed of several parallel rows of blocks, with some blocks missing or broken, creating a sense of a journey or a struggle. The light at the end of the path is a bright, glowing white beam that tapers as it approaches, symbolizing hope or a goal.

We must move forward

● drupal ● typo3 ● plone ● xoops ● phpnuke



To move forward and to
make that transition, at least
3 things need to be done

1. Redesign our home, drupal.org
2. Drupal 7 “killer” release
3. Strategic but sweeping changes

Drupal 6 improvements
+
growing install base
+
growing ecosystem
=
new group of users

Every major release brings a new and larger group of people

Administration

[home](#) | [blocks](#) | [collaborative book](#) | [site cloud](#) | [comments](#) | [feature list](#) | [help](#) | [images](#) | [news feeds](#) | [locales](#) | [mail handler](#) | [content management](#) | [notifications](#) | [projects](#) | [search](#) | [smileys](#) | [statistics](#) | [site configuration](#) | [taxonomy](#) | [user management](#) | [watchdog](#)

[configure](#) | [add block](#) | [preview](#) | [help](#)

block	module	enabled	custom	weight	region	path	operations
Log in	user	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	left		
User information	user	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Project information	project	<input type="checkbox"/>	<input type="checkbox"/>				
Forum topics	forum	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Calendar to browse archives	archive	<input type="checkbox"/>	<input type="checkbox"/>				
Drop.org feed	import	<input type="checkbox"/>	<input type="checkbox"/>				

drupal.org

- content management
- comment management
- user management
- block management
 - create new block
 - preview placement
 - configure 'top nodes' block
 - configure 'who is online' block
 - help
- project management
- site configuration
- taxonomy
- content syndication
- site monitoring
- site statistics
- miscellaneous
- image management
- sitemap
- help

Administration » block management

Blocks are the boxes visible in the side bars on the web site, depending on the chosen theme. The Drupal modules. In order to view a block it must be placed by giving it a region and/or a weight. The smaller the weight, the lighter the block and it will be shown. The custom checkbox tells Drupal to be shown. The custom checkbox tells Drupal to be shown. The custom checkbox tells Drupal to be shown.

block	enabled	custom	weight
Log in	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Site cloud	<input type="checkbox"/>	<input type="checkbox"/>	0
Throttle status	<input type="checkbox"/>	<input type="checkbox"/>	0
User information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0
Project information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
Forum topics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2
Calendar to browse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3

Home | Documentation | Forums | Mailing lists | Projects | Downloads | Services | Contact

Drupal

Home » administer » accounts

Roles

Roles allow you to fine tune the security and administration of Drupal. A role defines a group of users that have certain privileges as defined in [user permissions](#). Examples of roles include: anonymous user, authenticated user, moderator, administrator and so on. To define the **names** of the various roles. To delete a role choose "edit role". By default, Drupal comes with two user roles:

- Anonymous user: this role is used for users that don't have a user account and are not authenticated.
- Authenticated user: this role is assigned automatically to all authenticated registered users will belong to this user role unless specified otherwise.

name	operations
administrator	edit role
anonymous user	locked
authenticated user	locked
restricted user	edit role
site maintainer	edit role
	Add role

localhost

Home

Administer

[By task](#) [By module](#)

Cron has not run. Please visit the status report for more information.

Welcome to the administration section. Here you may control how your site functions.

Hide descriptions

Content management

Manage your site's content.

- [Comments](#)
List and edit site comments and the comment moderation queue.
- [Content](#)
View, edit, and delete your site's content.
- [Content types](#)
Manage posts by content type, including default status, front page promotion, etc.
- [Post settings](#)
Control posting behavior, such as teaser length, requiring previews before posting, and the number of posts on the front page.
- [RSS publishing](#)
Configure the number of items per feed and whether feeds should be titles/teasers/full-text.
- [Taxonomy](#)
Manage tagging, categorization, and classification of your content.

Site building

Control how your site looks and feels.

- [Blocks](#)
Configure what block content appears in your site's sidebars and other regions.
- [Menus](#)
Control your site's navigation menu, primary links and secondary links, as well as rename and reorganize menu items.
- [Modules](#)
Enable or disable add-on modules for your site.
- [Themes](#)
Change which theme your site uses or allows users to set.
- [Translate interface](#)
Translate the built in interface and optionally other text.
- [Triggers](#)
Tell Drupal when to execute actions.

User management

Manage your site's users, groups and access to site features.

- [Access rules](#)

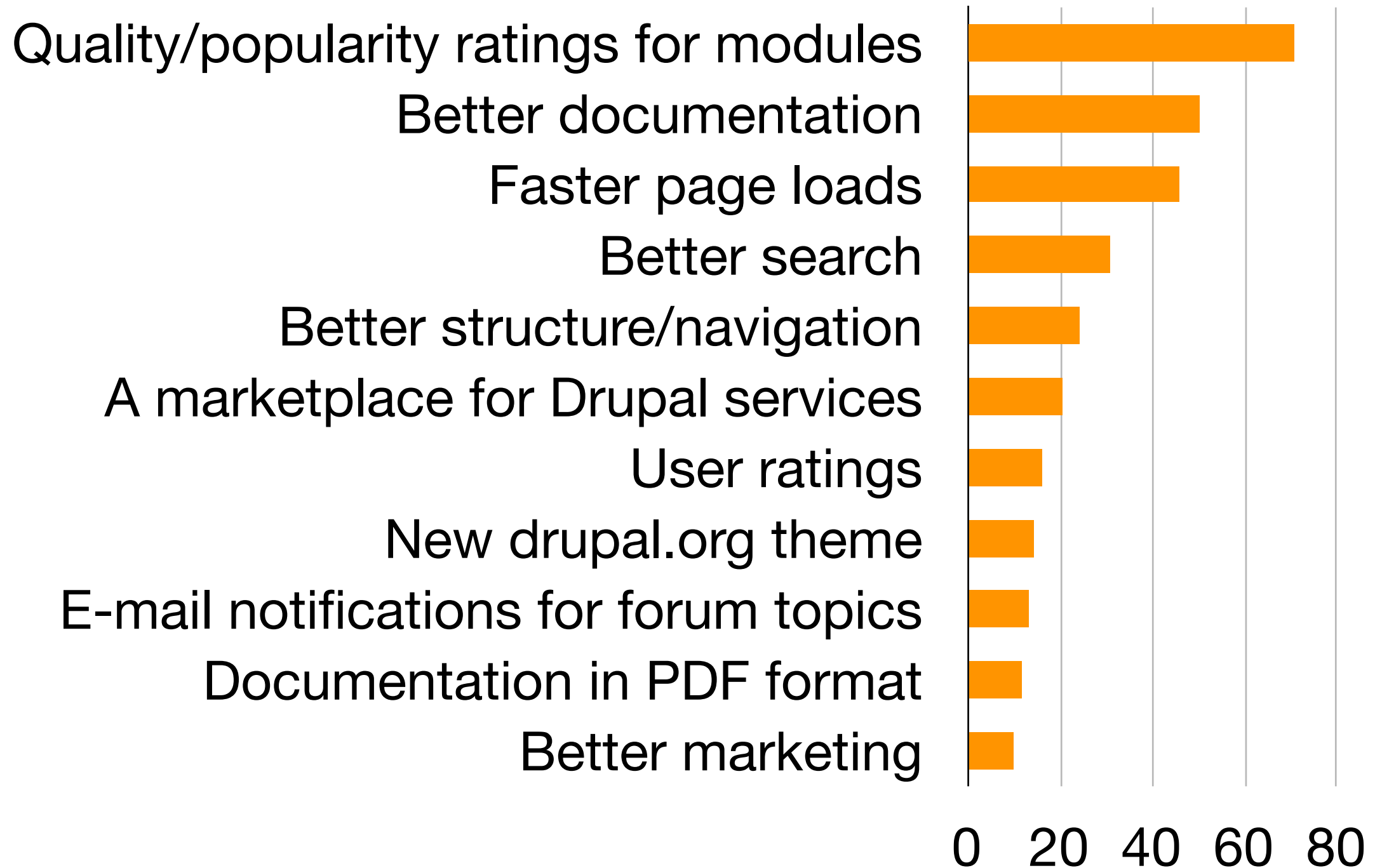
“Bandwagon” effect

- This new group of people will be a model for the next group of people
- As you go from one wagon to another, there is always some pain and reluctance

We did **not** properly adjust our house to
accommodate the next group of users



Current group is still in pain ...



Special project for 2008: Drupal.org redesign

- Help plan at g.d.o/drupal-org-redesign-analysis
- Resources
 - ◆ Money
 - ◆ Project management
 - ◆ Developer resources
 - ◆ Designer resources
- Willingness to accept change



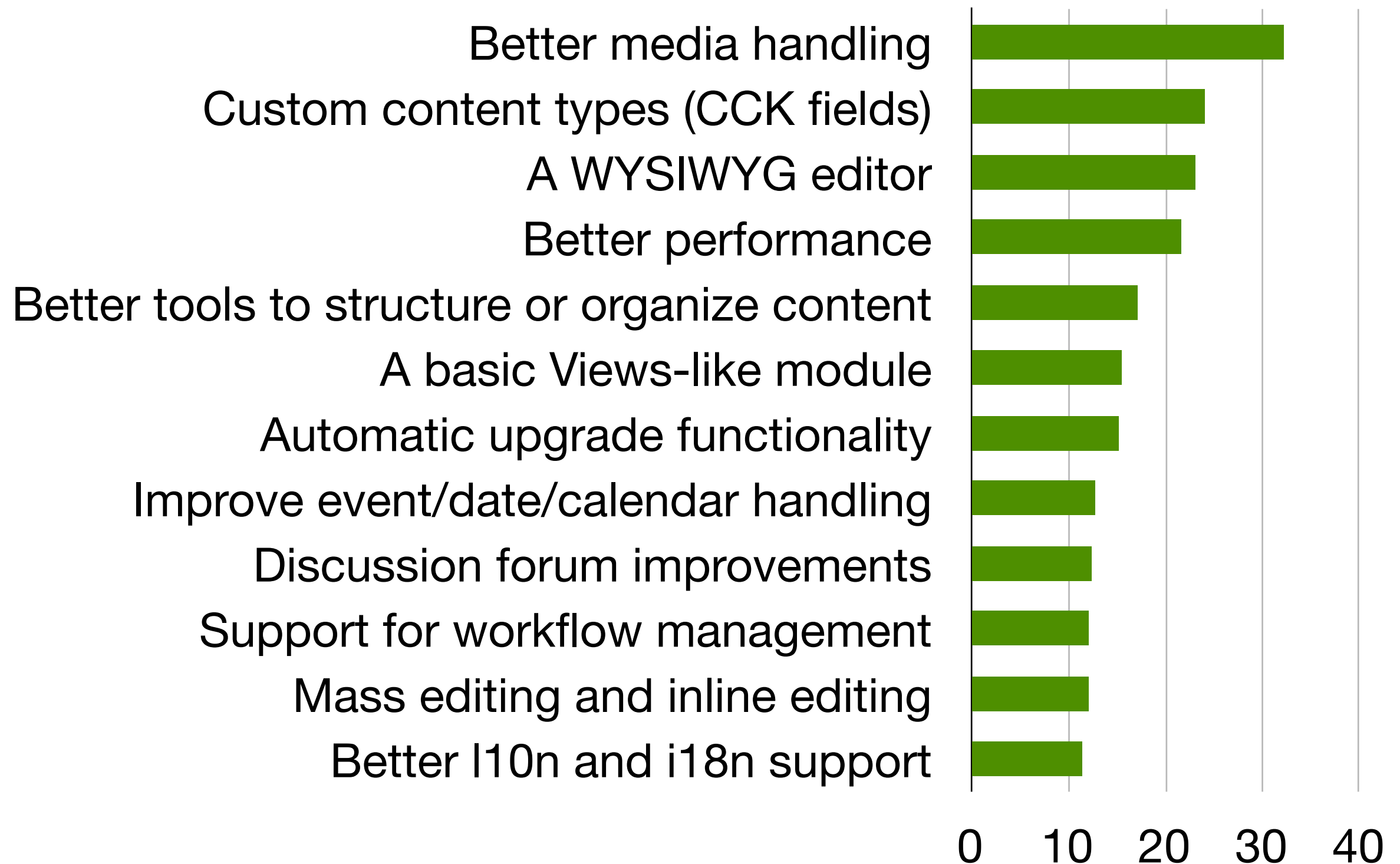
Short term future: Drupal 7



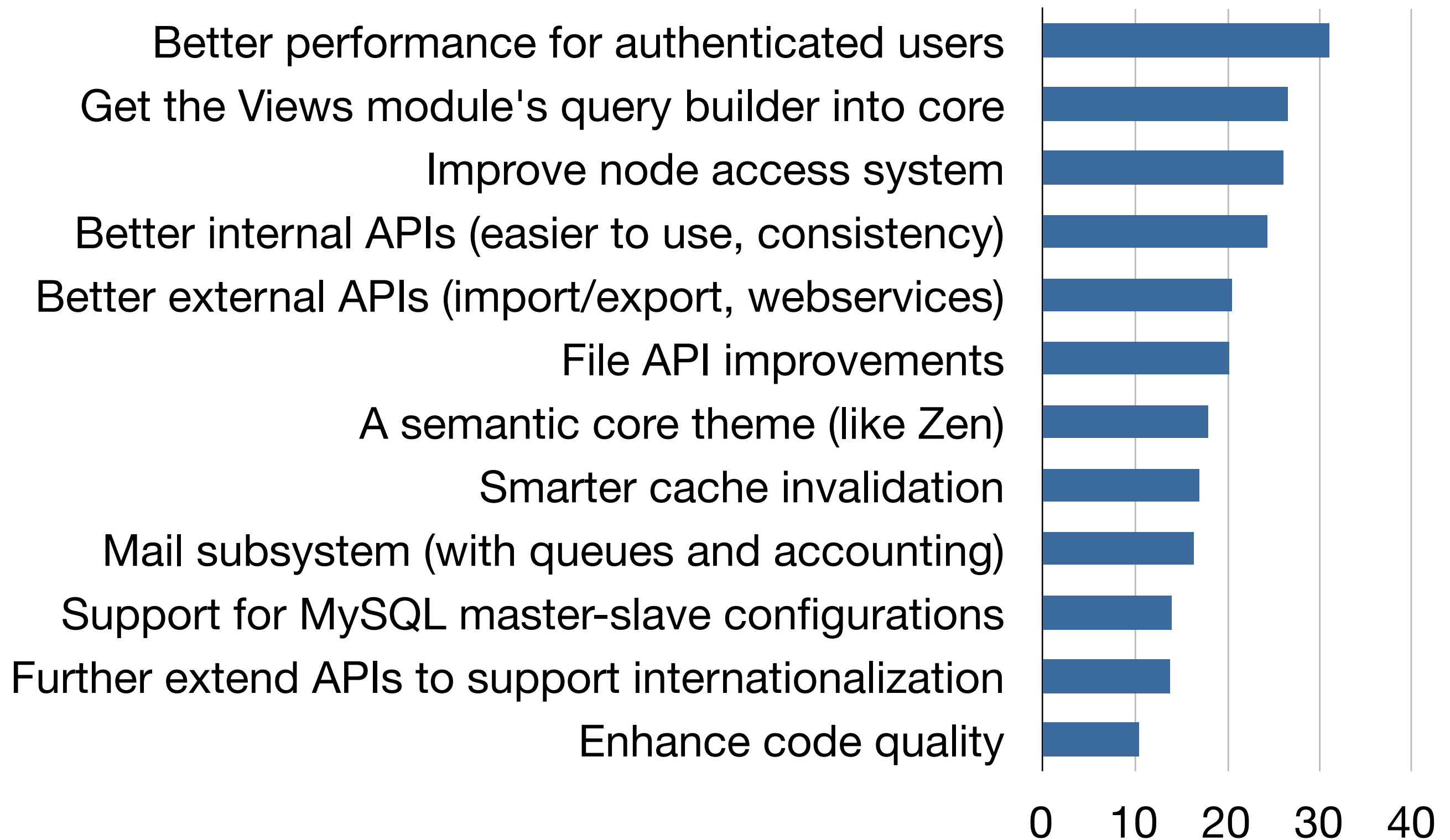


✿ Survey running for 30+ days,
collected more than 1000 responses

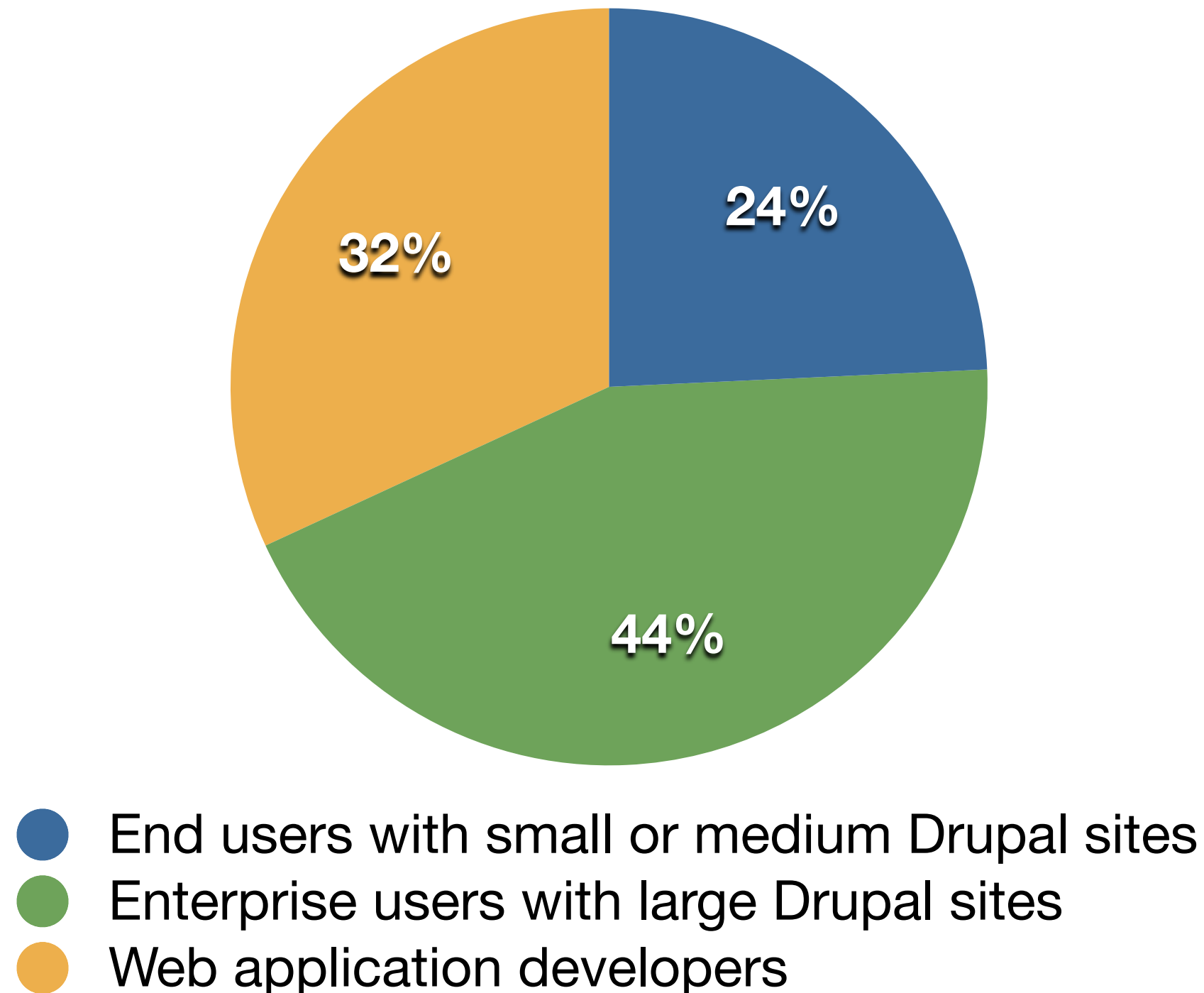
Most wanted end-user features for core



Most wanted developer features for core



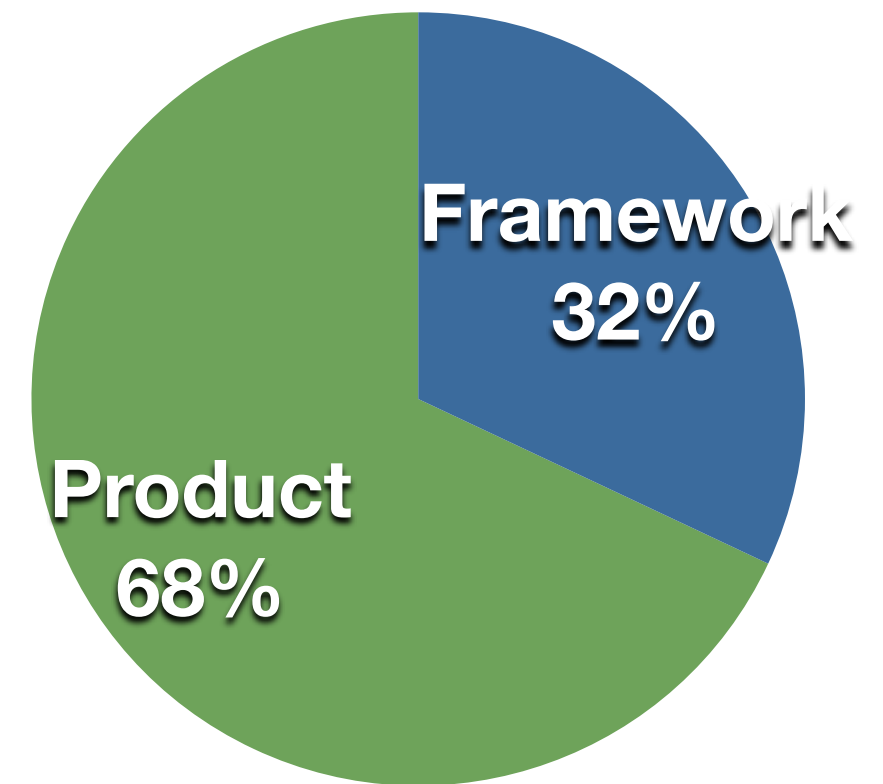
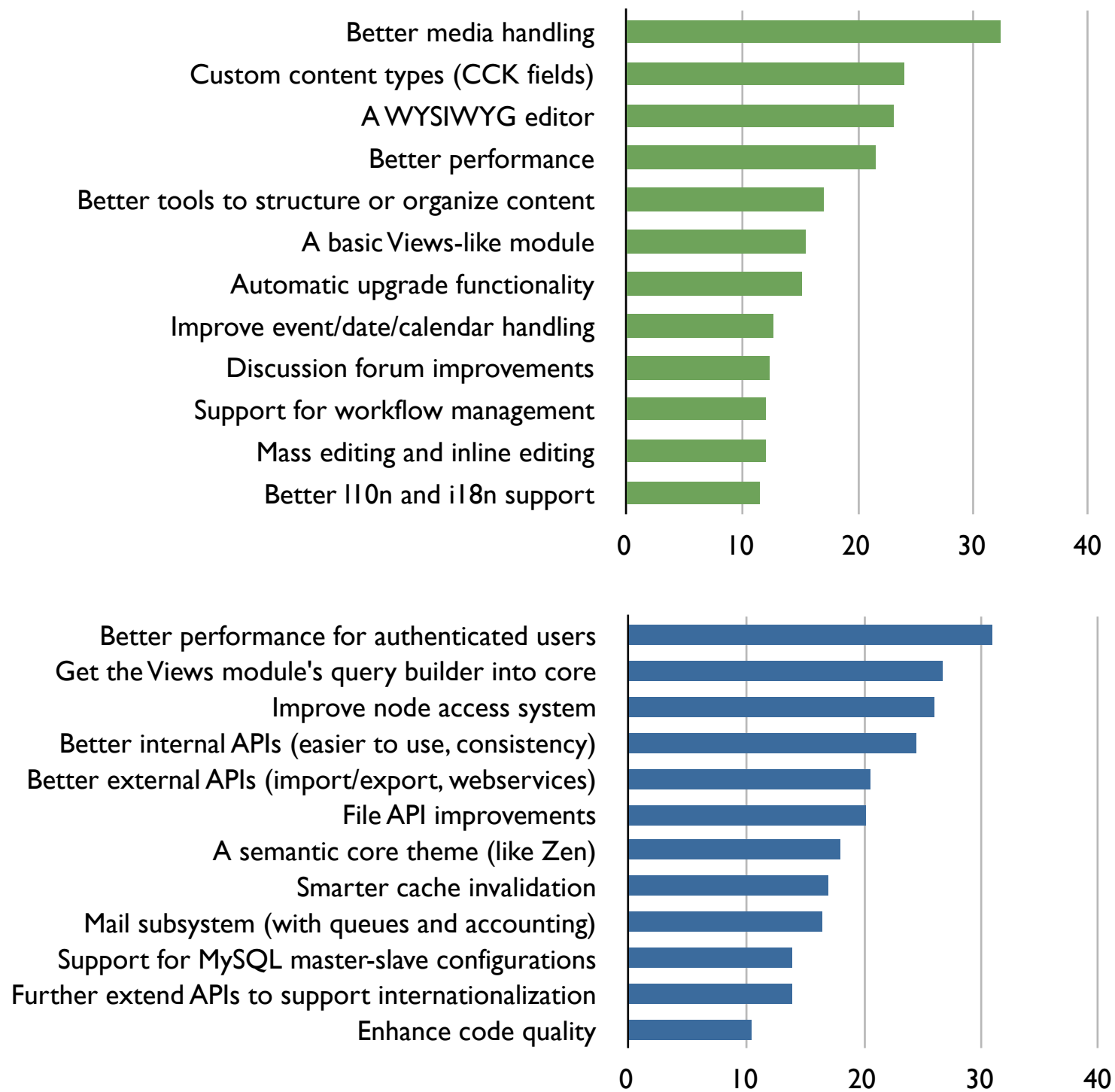
Focus for Drupal 7



What does this all mean?



Easy ...



7 end-user features
+ 3 developer features
= killer release



Drupal 7 killer release

1. Better media handling
 2. Custom content types in core
 3. WYSIWYG editor
 4. Better performance
 5. Better tools to structure/organize content
 6. Basic Views like module
 7. Automatic upgrade functionality
-
8. Better performance for authenticated users
 9. Views query builder
 10. Improve node access system

70

30

Drupal 7 killer release

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8. Improve node access system
 9. Better internal APIs
 10. Better external APIs (import/export, webservice)

70

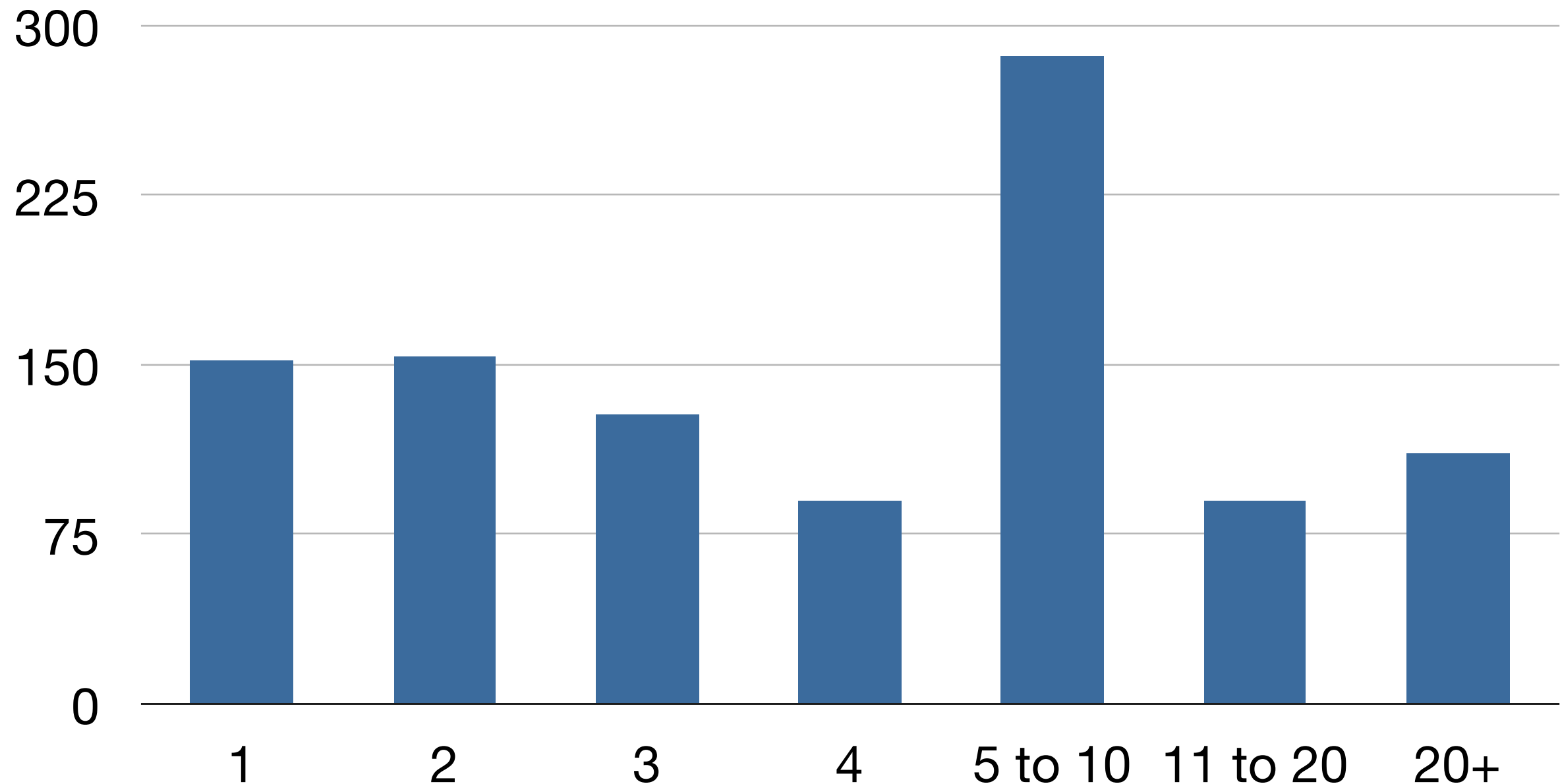
30

*There are three kinds of
lies: lies, damned lies,
and statistics.*

Mark Twain



Whutt, 85% of the respondents have more than one Drupal site?





How many people gave up on Drupal?

Drupal 7 killer release

1. Better media handling
 2. Custom content types in core
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 4. Better performance
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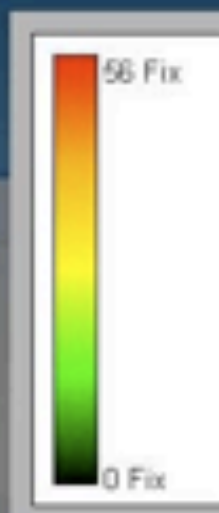
11. Usability

Usability testing

- Spent a 3 days in a professional usability lab to “see users fail” -- or rather “to see Drupal fail”.
- Common tasks take us 30 seconds to complete, it took the people in the usability lab 30 minutes to find.
- See <http://groups.drupal.org/usability> for results

“I didn’t expect to feel so stupid. I don’t like feeling stupid.”

*“I already lost the page
that I created.”*



admin

- My admin
- Create content
- Administer
 - Content management
 - Site building
 - Site configuration
 - User management
 - Reports
 - Help
- Log out

Administer

By block By module

Welcome to the administration section. Here you may control how your site functions.

Hide descriptions

Content management

Manage your site's content.

Comments

List and edit site comments and the comment moderation queue.

Content

View, edit, and delete your site's content.

Content types

Manage posts by content type, including default status, front page promotion, etc.

Post settings

Control posting behavior, such as teaser length, requiring previews before posting, and the number of posts on the front page.

RSS publishing

Configure the number of items per feed and whether feeds should be titles/teasers/full-text.

Taxonomy

Manage tagging, categorization, and classification of your content.

User management

Manage your site's users, groups and access to site features.

Access rules

List and create rules to disallow usernames, e-mail addresses, and IP addresses.

Permissions

Determine access to features by selecting permissions for roles.

Roles

List, edit, or create roles.

User settings

Configure default behavior of users, including registration requirements, e-mails, and user pictures.

Users

Site building

Control how your site looks and feels.

Blocks

Configure what block content appears in your site's sidebars and other regions.

Menus

Control your site's navigation menu, primary links and secondary links, as well as rename and reorganize menu items.

Modules

Enable or disable add-on modules for your site.

Themes

Change which theme your site uses or allows users to set.

Site configuration

Adjust basic site configuration options.

Actions

Manage the actions defined for your site.

Administration theme

Settings for how your administrative pages should look.

Clean URLs

Enable or disable clean URLs for your site.

Date and time

Settings for how Drupal displays date and time, as well as the system's default timezone.

Error reporting

Control how Drupal deals with errors including 403/404 errors as well as PHP error reporting.

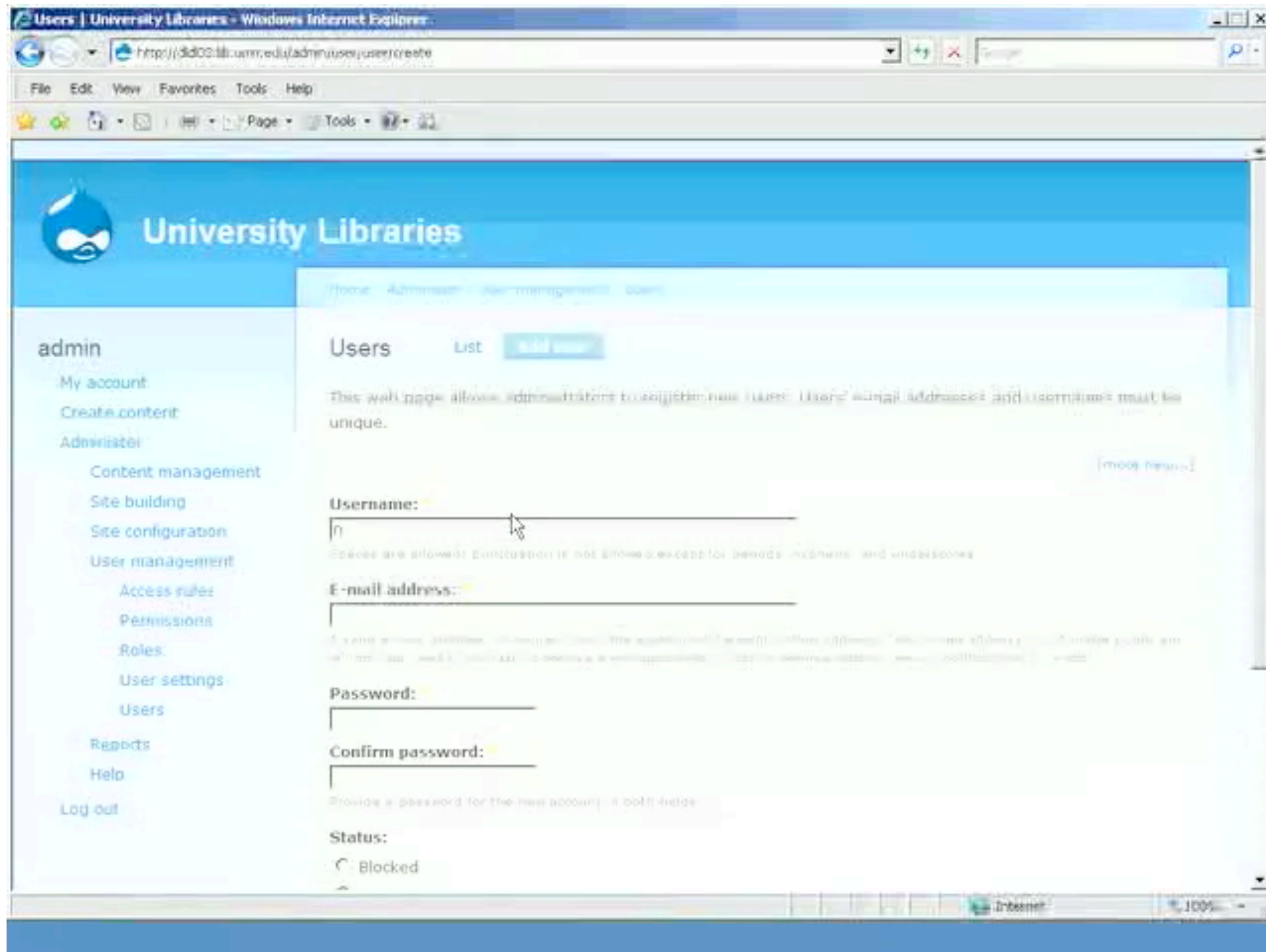
File system

Tell Drupal where to store uploaded files and how they are accessed.

Image toolkit

Choose which image toolkit to use if you have installed optional toolkits.

First 15 seconds



Several users backed out in a panic because they thought they'd caused an error condition due to red text.

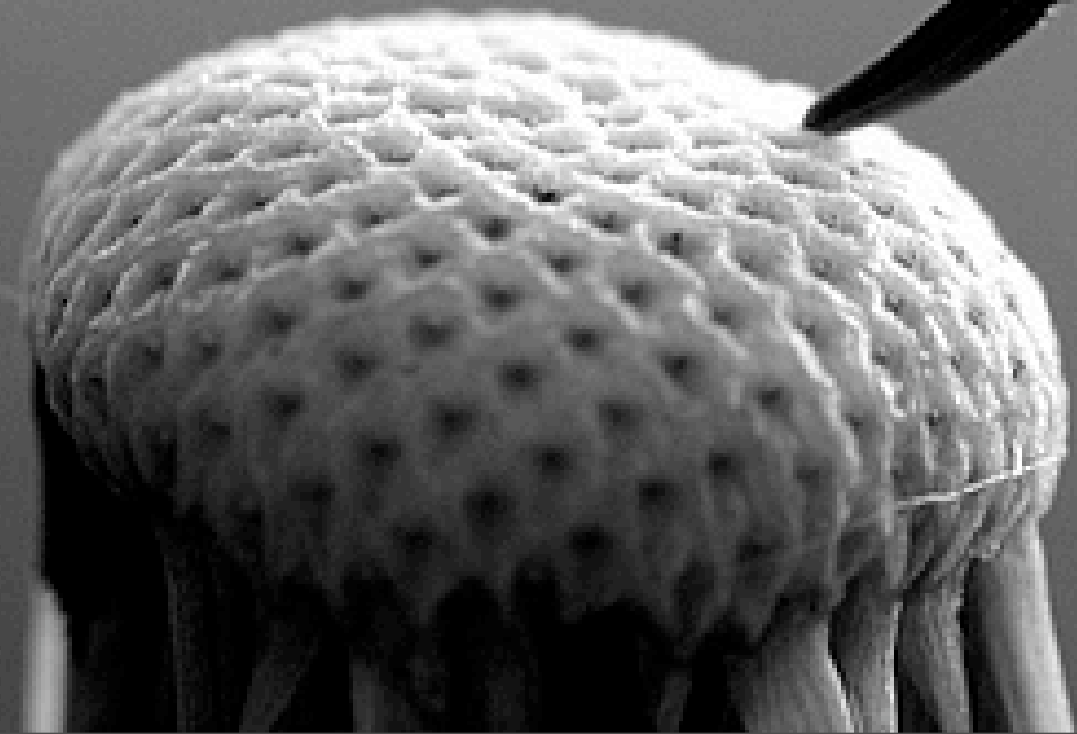
Continue to focus on making
Drupal **easier to use** until
it has been accomplished ...



The experience is the product

Perfection is achieved,
not when there is nothing left
to add but when there is
nothing left to remove

Antoine de Saint-Exupery



Candidates for removal

- Throttle
- Ping



Branch maintainer?

1. Experience
2. Responsibility
3. Time
4. Vision for D7

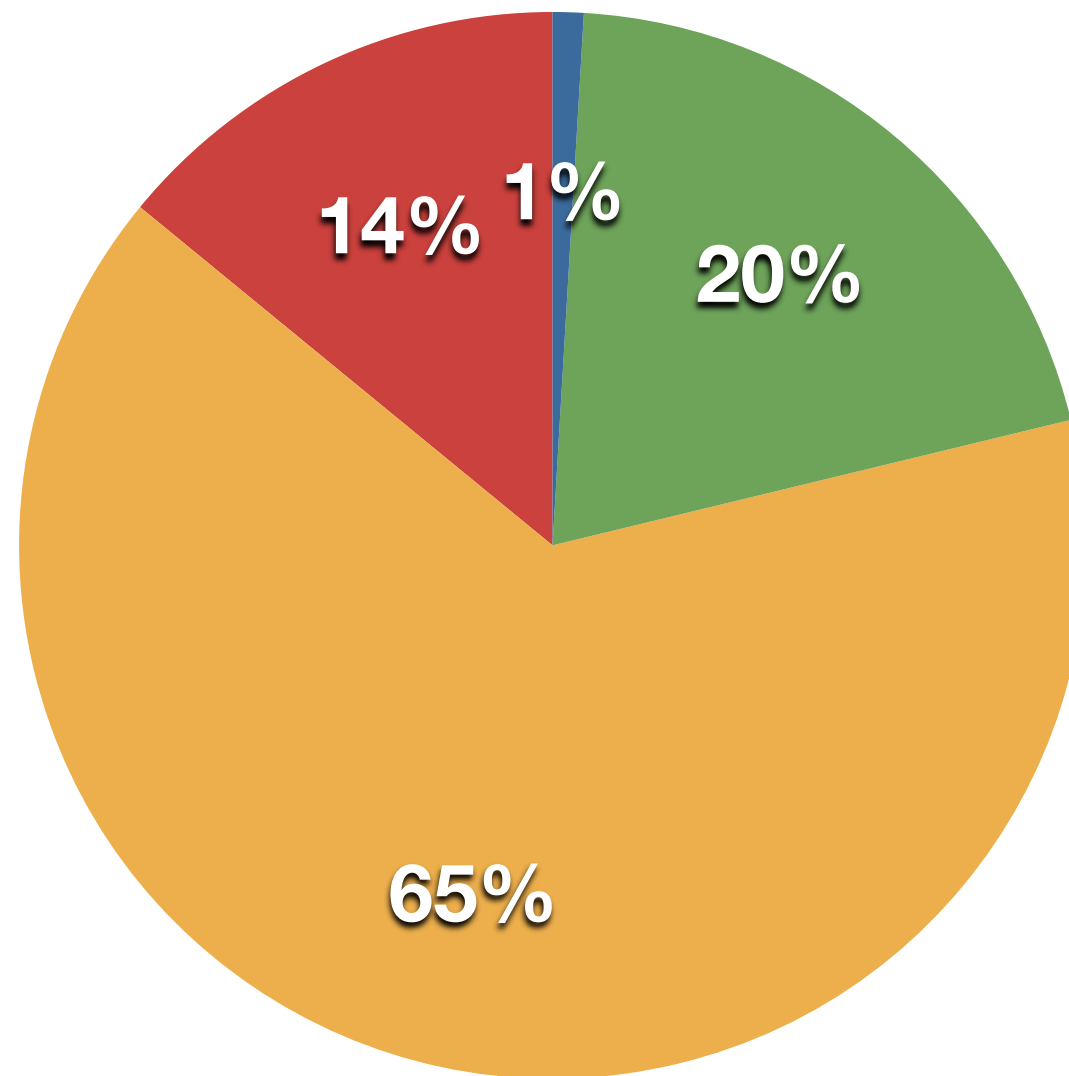


I should totally have taken a booth at the job fair ...

Logo on all web and marketing materials		
Conference Program Ad + Job and Index listing	Sponsor thank-you page	Quarter Page
Conference admissions	1	2
Business and job fair	Listing in guide	Listing in guide, and table at fair
Ads on conference site		
Introduction by sponsor		



Preferred frequency of major Drupal releases



- One release every 3 years
- One release every year
- One release every 2 years
- Two releases a year

Drupal 6 release cycle

5 month development cycle

7 month code freeze

Drupal 7 freezes four months from now on May 15, 2008

←----- 1 year release cycle -----→

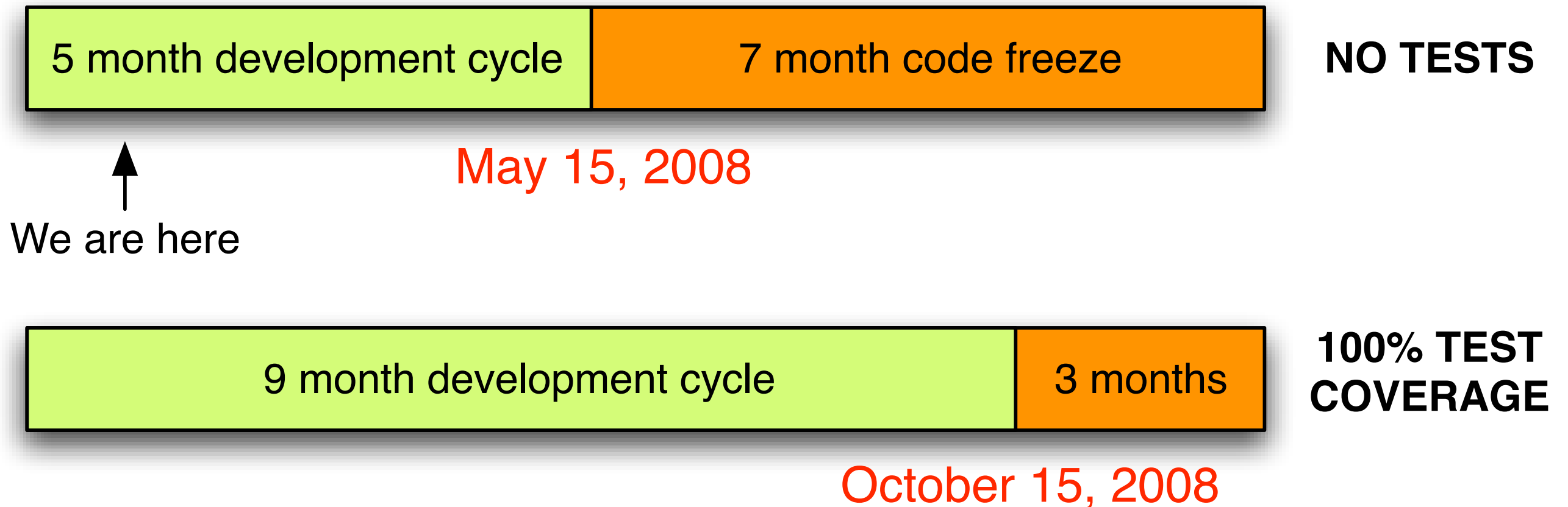


May 15, 2008

↑
We are here

I'm willing to make an exception if ...

←----- 1 year release cycle -----→



Other reasons to do testing

- Design for testability leads to better APIs
- Encourages experimentation and innovation

Also came up with a good
way to fund the next
DrupalCon ...



You contribute
one dollar per
test that your
patch broke ;-)



Drupal 7 and testing

- Write unit tests, functional tests, and integration tests
- Ship core tests with Drupal core
- Still have to figure out what test frameworks to use, and if we can ship them with core as well

Drupal 7 and beyond

(preparing for more wagons
and going mainstream)



From infinite extensibility to infinite interoperability

- Web 1.0 = web content management
- Web 2.0 = Web 1.0 + user management + infinite extensibility
- Web 3.0 = Web 2.0 + infinite interoperability
= Web 2.0 + data portability + web service APIs
= semantic web



Dude, we've
been talking
about the
semantic web
for 10 years.
Pass around the
crack pipe,
please!

Less focus on functionality, more focus on data

- Integrate data from different sources
- Allow other people to reuse your data
- Decentralize data so that no party owns all data
- Do cool stuff with large amounts of data

Exporting your data so it can be imported

- Extend Drupal so it supports multiple output formats (e.g. generate XHTML, XML or JSON for a node)
- Figure out when to serve what output format (e.g. different responses to different HTTP headers)

More power to fields, less power to nodes

- Decompose content into small pieces (i.e. fields)
- Treat fields as first class citizens
- Connect the fields with semantic sugar
- Put that into Drupal 7 ASAP

An event node in Drupal 6

-- the relational data model

Organizer	Performer	Start date	End date	Location

An event node in Drupal 6

-- the relational data model

Organizer	Performer	Start date	End date	Location
Acquia	Orbit	Tuesday, 8:30pm	Tuesday, 9:30pm	Felt

An event node in Drupal 6

-- the relational data model

Organizer	Performer	Start date	End date	Location
Acquia	Orbit	Tuesday, 8:30pm	Tuesday, 9:30pm	Felt
Acquia	DJ Jay	Tuesday, 9:30pm	Tuesday, 11:30pm	Felt

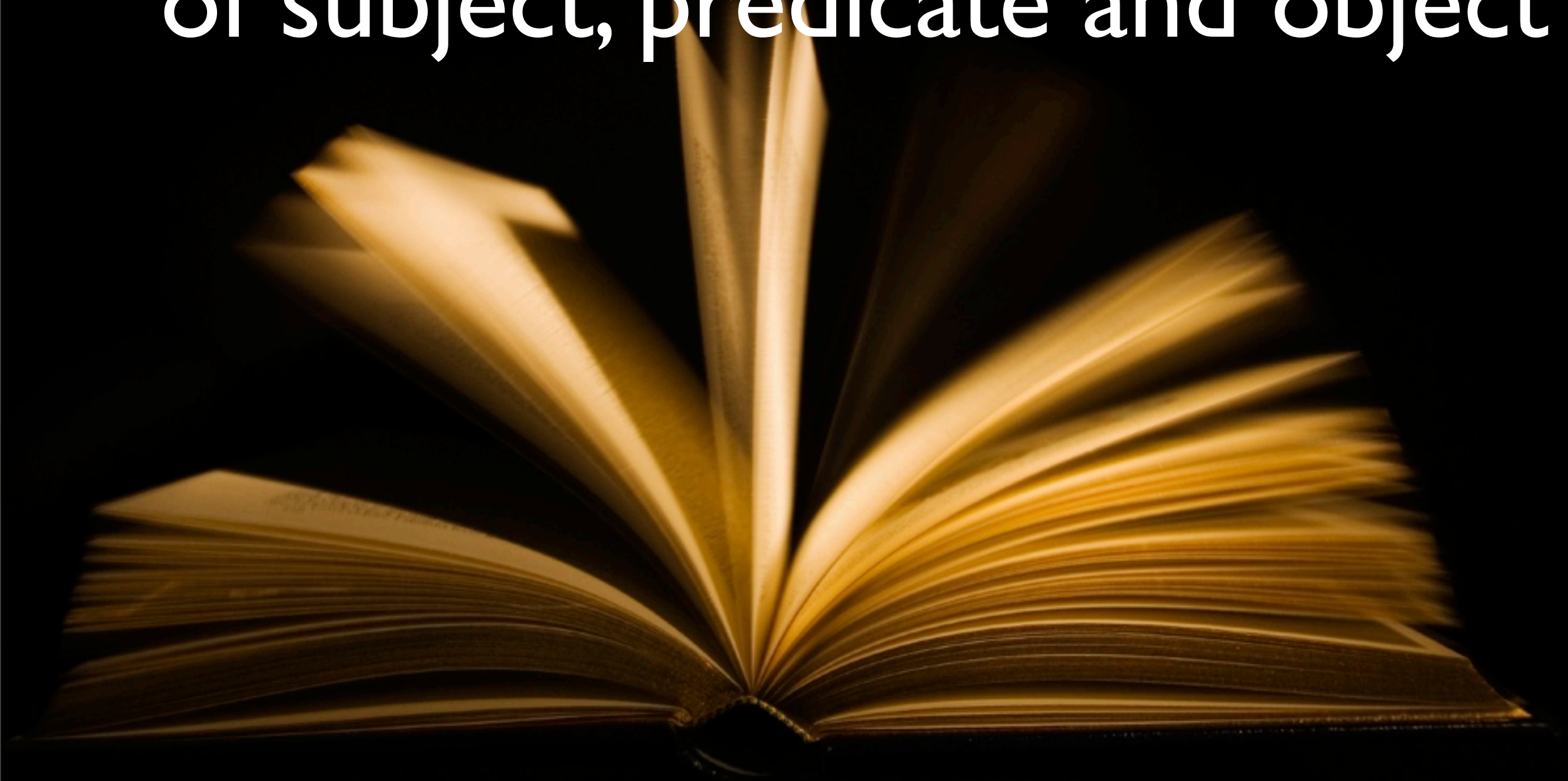
More power to fields and semantic sugar

Organization	<i>organizes</i>	Event
Band	<i>plays at</i>	Event
Band	<i>starts on</i>	Date
Band	<i>ends at</i>	Date
Band	<i>plays at</i>	Location

Dangerously close to RDF

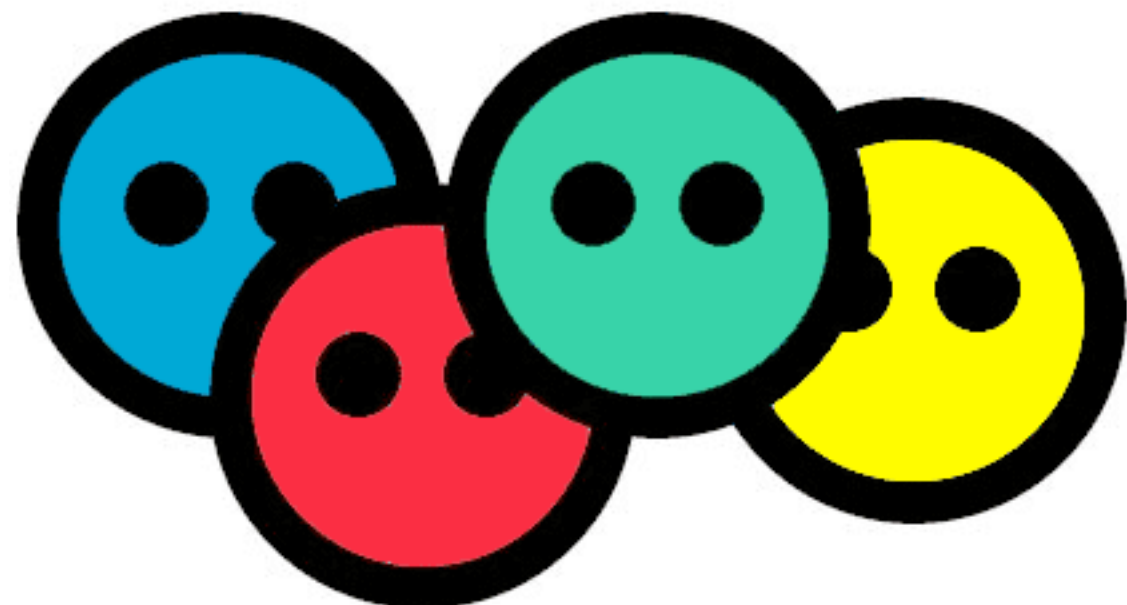
Subject	Predicate	Object
Organization	<i>organizes</i>	Event
Band	<i>plays at</i>	Event
Band	<i>starts on</i>	Date
Band	<i>ends at</i>	Date
Band	<i>plays at</i>	Location

Any knowledge in this world can
be decomposed in RDF triples
of subject, predicate and object

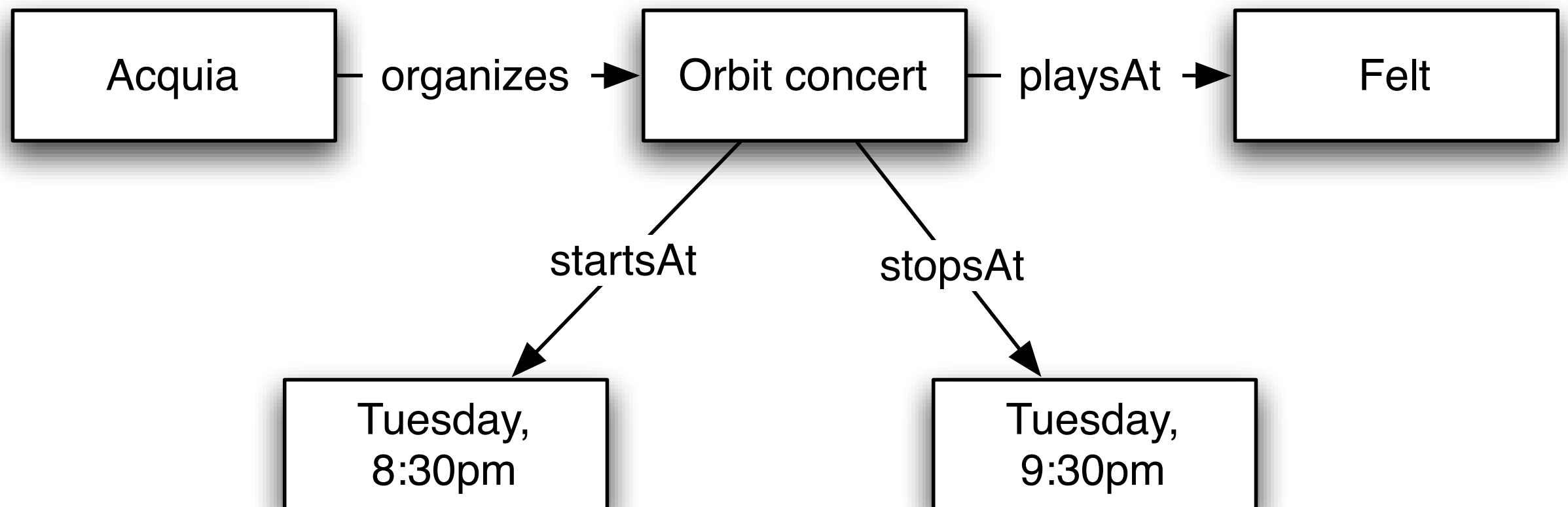


Can be exported as XML or part of the XHTML

```
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:eg="http://example.org/foovocab#"
  xmlns:foaf="http://xmlns.com/foaf/0.1/">
  <foaf:Person rdf:nodeID="p1">
    <foaf:name>Alice</foaf:name>
    <foaf:knows>
      <foaf:Person rdf:nodeID="p2">
        <foaf:name>Bob</foaf:name>
        <eg:secretlyStalking rdf:nodeID="p1"/>
      </foaf:Person>
    </foaf:knows>
    <eg:acquaintance rdf:nodeID="p2"/>
    <eg:archNemesis rdf:nodeID="p2"/>
  </foaf:Person>
</rdf:RDF>
```

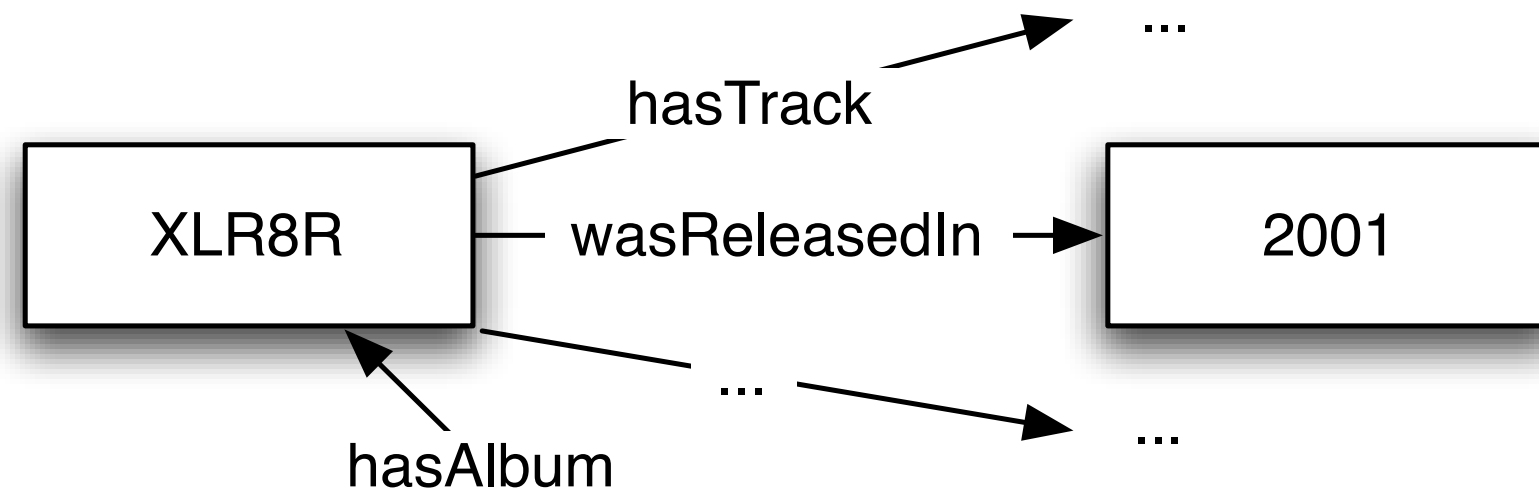


RDF describes everything as a graph

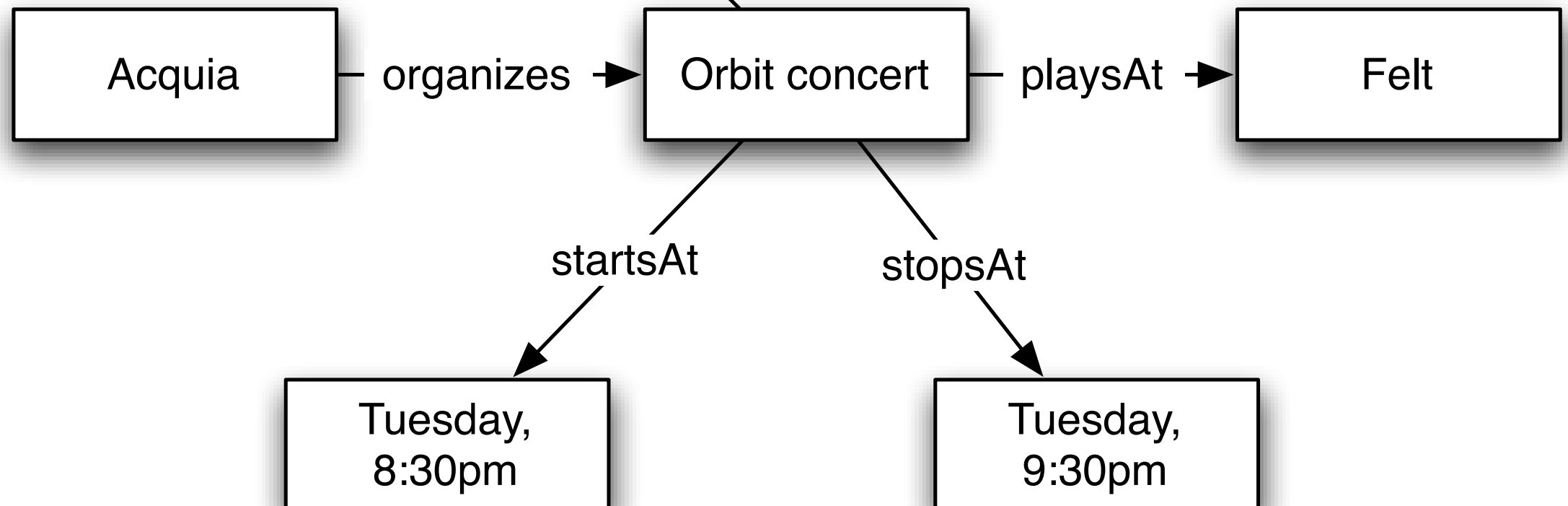


RDF works with multiple data sources

DBTune or
Music brains



DrupalCon website



SQL -- relational database

```
$results = db_query("
```

```
    SELECT n.title
```

```
    FROM {node} n
```

```
    WHERE n.status = 1
```

```
");
```

```
while ($title = db_result($results)) {  
    print check_plain($title);  
}
```

SPARQL - RDF graph

```
$results = sparql_query("
    SELECT ?title WHERE {
        ?node rdf:type drupal:node
        ?node dc:title ?title
    }
");

foreach ($results as $title) {
    print check_plain($title);
}
```


RDF makes the internet
one big database

SPARQL = Views on steroids

Let me show you a
video of the future
(implemented in Drupal)



Brazil - Wikipedia, the free encyclopedia

http://en.wikipedia.org/wiki/Brazil

Log in / create account

article discussion view source history

Brazil

From Wikipedia, the free encyclopedia

This article is about the country. For other uses, see [Brazil \(disambiguation\)](#).

Brazil (pronounced /brəˈzɪl/, listen (help·info)), officially the **Federative Republic of Brazil** (Portuguese: *Brasil* or Portuguese: *República Federativa do Brasil*), is a country in [South America](#).^[1] It is the [fifth-largest](#) country by geographical area, the [fifth most populous](#) country, and the fourth most populous [democracy](#) in the world. The official language is [Portuguese](#).^[2] [Catholicism](#) is the predominant religion.

Bounded by the [Atlantic Ocean](#) on the east, Brazil has a coastline of over 7,367 kilometres.^[1] Brazil borders every nation on the [South American](#) continent except [Ecuador](#) and [Chile](#): [Venezuela](#), [Suriname](#), [Guyana](#) and the [department of French Guiana](#) are to the north, [Colombia](#) to the northwest, [Bolivia](#) and [Peru](#) to the west, [Argentina](#) and [Paraguay](#) to the southwest, and [Uruguay](#) to the south.^[1] Numerous [archipelagos](#) are part of the Brazilian territory, such as [Penedos de São Pedro e São Paulo](#), [Fernando de Noronha](#), [Trindade and Martim Vaz](#) and [Atol das Rocas](#).^{[1][3]}

Brazil is crossed by both the [Equator](#) and [Tropic of Capricorn](#), and as such is home to a vast array fauna and flora, natural environments, as well as extensive natural resources. The Brazilian population is concentrated along the coastline and in a few large urban centers in the interior. While Brazil is one of the most populous nations in the world, [population density](#) drops dramatically as one moves inland.^[4]

Brazil was a colony of [Portugal](#) from its discovery by [Pedro Álvares Cabral](#) in 1500 until its independence in 1822. Initially independent as the [Brazilian Empire](#), the country has been a [republic](#) since 1889, although the [bicameral](#) legislature (now called [Congress](#)) dates back to 1824, when the first constitution was ratified. Its current [Constitution](#) defines Brazil as a [Federative Republic](#).^[2] The Federation is formed by the indissoluble association of the [States](#), the [Federal District](#), and the [Municipalities](#).^[2] There are currently 26 States and 5,564 Municipalities.^[5]

One of the ten largest economies in the world, the country has a diversified middle-income economy with wide variations in development levels and mature manufacturing, mining and agriculture sectors. Technology and services also play an important role and are growing

República Federativa do Brasil (Portuguese)

Federative Republic of Brazil



Flag



Coat of arms

Motto: *Ordem e Progresso* (Portuguese)
"Order and Progress"

Anthem: *Hino Nacional Brasileiro* (Portuguese)

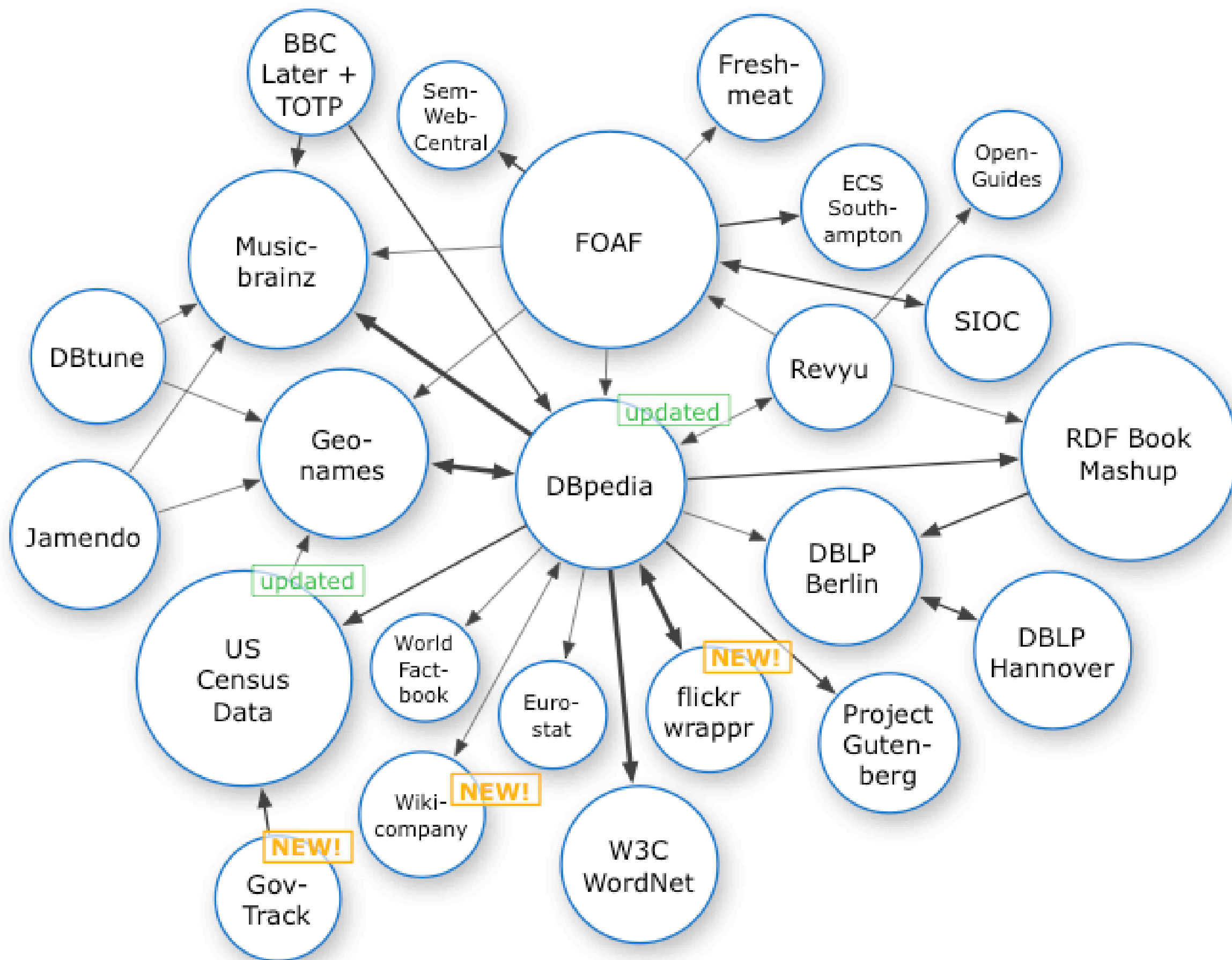


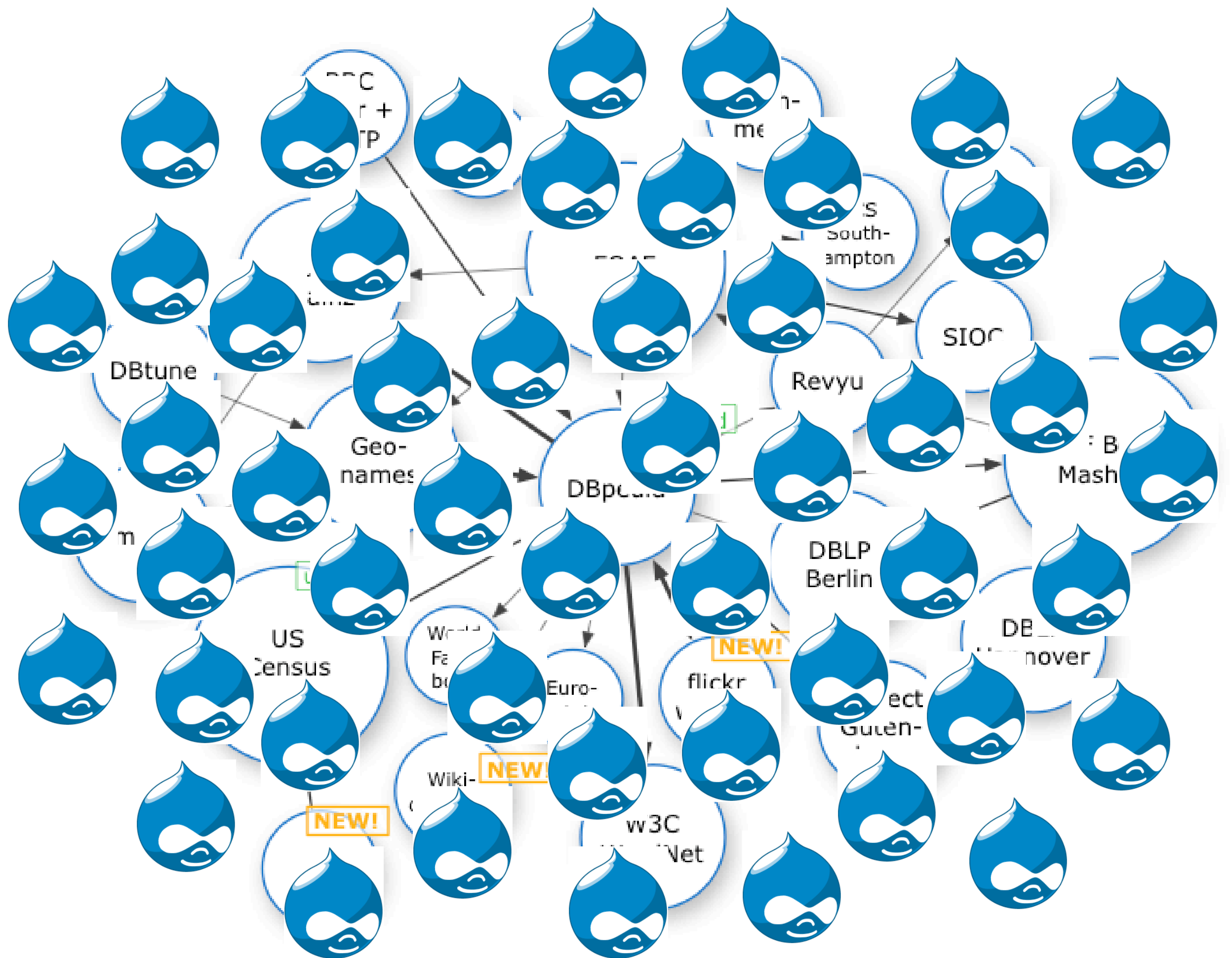
Capital	Brasília
Largest city	São Paulo
Official languages	Portuguese
Demonym	Brazilian
Government	Presidential Federal republic
 - President	Luiz Inácio Lula da Silva
 - Vice President	José Alencar Gomes da Silva

Made for this presentation by Ben Lavender,
Miglius Alaburda and Arto Bendiken.



“The future is here. It's just not evenly distributed yet.”





The **social graph** *just*
connects **people** -- we
have an opportunity to
build a graph that connects
everything

*“From the World Wide Web (WWW)
to the Giant Global Graph (GGG)”*

Tim Berners-Lee

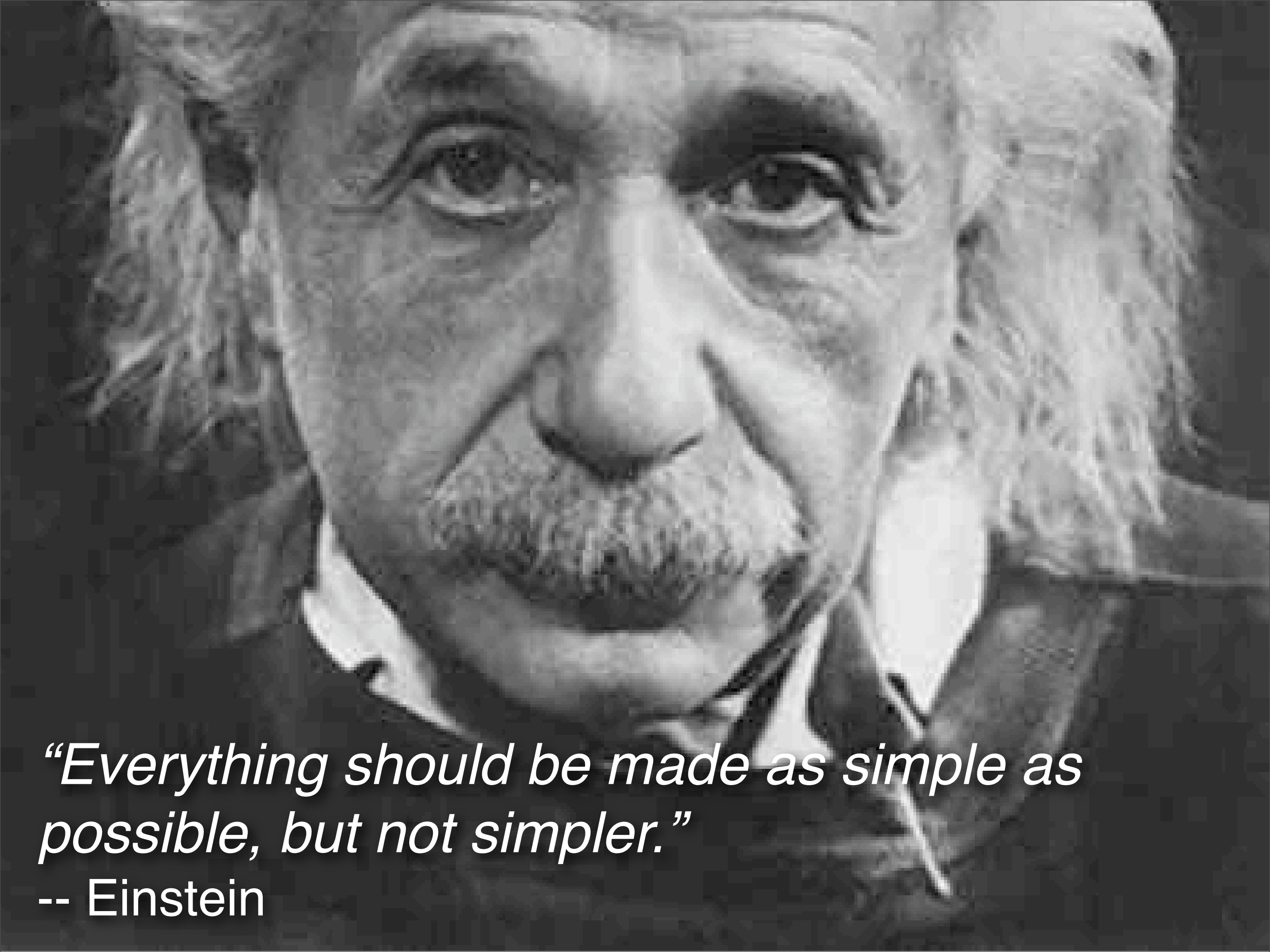


Big opportunity

- Better search
- Better targeted ads
- Deeper integration
- Better personalization
- Import/export
- CCK and Views in core
- Drupal.org integration

We should get some of this *crack* in Drupal 7

- More power to fields
- XML documents are used to exchange messages/data
- RDF is used to make it uniform, predictable and to untap its potential
- SPARQL to implement distributed views



“Everything should be made as simple as possible, but not simpler.”

-- Einstein

And keep it fast!



The semantic web aligns well with my vision for Drupal

- Make Drupal really easy to use
- Eliminate webmaster
- Eliminate developer
- Eliminate designer
- *Eliminate publisher?*

The world is watching
to see if anything can
be made of Drupal



We must move forward



Very hard to **recreate momentum** after you lost it

I. Work on a better home ...



2. Work on the Drupal 7 killer release

- | | |
|--|----|
| 1. Better media handling | 70 |
| 2. Custom content types in core | |
| 3. WYSIWYG editor | |
| 4. Better performance | |
| 5. Better tools to structure/organize content | |
| 6. Basic Views like module | |
| 7. Automatic upgrade functionality | |
| 8. Improve node access system | 30 |
| 9. Better internal APIs | |
| 10. Better external APIs (import/export, webservice) | |
| 11. Usability | |



3. Prepare for
the semantic
web and push
innovation



“The future is here. It's just not evenly distributed yet.”



The future is *here*.
In this very room.

