



Drupal and the Future of the Web

Drupal 與網路的未來趨勢

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Drupal 7

More building blocks
in the box!

更多料可以建置網站



Photo source: <http://www.flickr.com/photos/rooreynolds/2317607302/>

Photo source: <http://www.flickr.com/photos/pmiaki/3103219759/>



Predicting Trends

預測趨勢

- Can be tricky
可能有點取巧
- Where are we now?
我們現在的階段是？
- Where do we want to be?
我們想要成為什麼？

Ecosphere of the Web

網路的生態

TOOLS 工具

DATA 資料



AUTHENTICATION 身分認證
/ AUTHORIZATION 授權

Ecosphere of the Web

網路的生態



DATA 資料

- RDFa
- SPARQL
- PHP's PDO
- NoSQL

TOOLS 工具

- Media 媒體材料
- HTML5
- Microblogging
微型部落格

AUTHENTICATION 身分認證 / AUTHORIZATION 授權

- OpenID
- OAuth

Media Handling

多媒體處理

- Stream wrappers — uses PHP 5's streams for unified operations on file and network resources
串流封裝 - 使用 PHP5 的串流，讓檔案和網路資源可以進行特殊操縱
- File fields, image fields, image styles in core
檔案欄位、圖片欄位、圖片樣式放進核心裡
- Media module 多媒體模組
<http://drupal.org/project/media>

HTML 5

- Next Generation HTML Specification
下一代的HTML標準支援
- Canvas tag 畫布標籤 (HTML 5的語法)
“Flash killer” “Flash殺手”
- Video tag 影片標籤 (HTML 5語法)
“the other Flash killer” “另一個Flash殺手”
- HTML 5 will be handled
by Drupal 7 Contrib
HTML 5將會由Drupal 7的第三方模組來

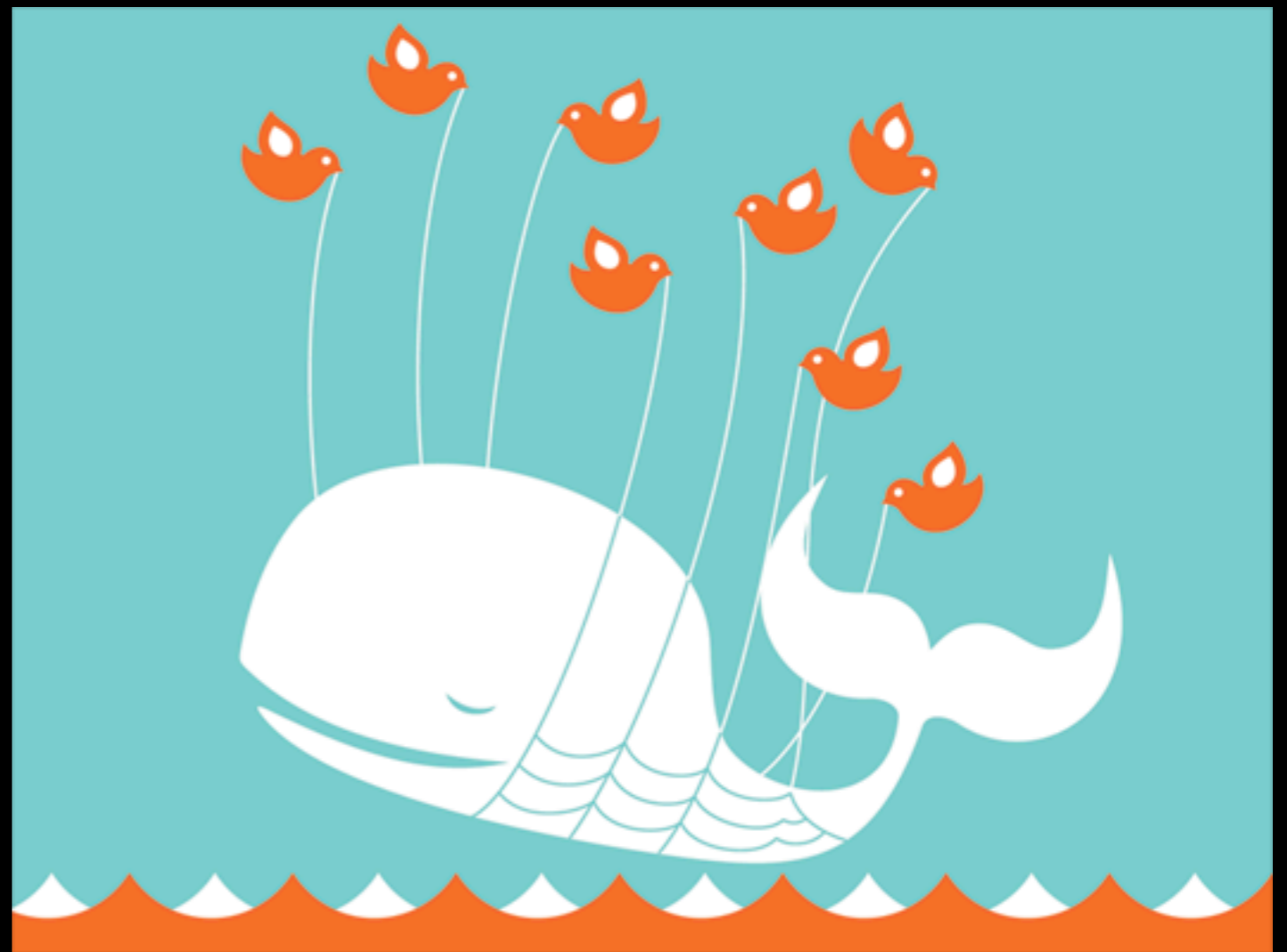
HTML 5

[http://www.canvasdemos.com/
2009/02/26/3d-on-2d-canvas/](http://www.canvasdemos.com/2009/02/26/3d-on-2d-canvas/)

Microblogging

微型部落格

- Twitter
- Status.net
(open source)



Authentication 身分認證 & Authorization 授權

- OpenID
 - AOL, Blogger, Myspace, WordPress.com
- OAuth
 - Twitter, Google
- Other methods: 其他:
 - LDAP
 - Facebook Connect



Database Storage

資料庫儲存相關

- MySQL

- PostgreSQL

PHP 5's PDO (PHP Data Objects) gives us:
PHP 5的資料儲存物件 (PDO) 給了我們:

- Relational Databases
關連性資料庫

- NoSQL Databases
NoSQL 一堆資料庫

- Oracle

- MongoDB

- MS SQL

- Cassandra

Who owns your data?

誰擁有你的資料

- Google ?
 - Search queries
搜尋的資料庫語法
 - Single sign on Google Account
單一帳號登入
Google帳號
 - Email with GMail
以Gmail當成的支援
- Facebook ?
 - Facebook Connect
 - Privacy scandal
隱私權的問題
 - Quit Facebook Day
離開Facebook的一天

RDF makes the internet
one big database

RDF格式讓網際網路變成一個大資料庫

SPARQL = Views on steroids

RDF Demo RDF 示範

<http://www.youtube.com/watch?v=o3UmNZzhk2A>

Thanks to Lin Clark for building the demo

Stéphane Corlosquet for leading the RDF in Drupal 7 efforts

What does it mean?

這是什麼意思？



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- RDFa
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What does it mean?

這是什麼意思？

Nothing...

without YOU!

所有的事情都缺不了你

How can you help?
你能幫助什麼？



How can you help? 你能幫助什麼？



Think about it.

想想看

How can you help? 你能幫助什麼？

- Translation: 翻譯:
<http://localize.drupal.org>

How can you help?

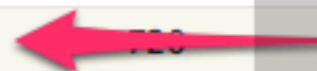
你能幫助什麼？

- Translate <http://l>

Translation status for Drupal

Highlighted project

Language	Overall status	Untranslated
Afrikaans (af)	<div><div style="width: 10%;"></div></div>	4599
Amharic (am)	<div><div style="width: 5%;"></div></div>	5528
Armenian (hy)	<div><div style="width: 0%;"></div></div>	6374
Asturian (ast)	<div><div style="width: 10%;"></div></div>	5265
Bahasa Malaysia (ms)	<div><div style="width: 20%;"></div></div>	3832
Basque (eu)	<div><div style="width: 15%;"></div></div>	4969
Bosnian (bs)	<div><div style="width: 10%;"></div></div>	5120
Bulgarian (bg)	<div><div style="width: 30%;"></div></div>	3306
Burmese (my)	<div><div style="width: 0%;"></div></div>	6374
Catalan (ca)	<div><div style="width: 100%;"></div></div>	88
Chinese, Simplified (zh-hans)	<div><div style="width: 90%;"></div></div>	648
Chinese, Traditional (zh-hant)	<div><div style="width: 95%;"></div></div>	326
Croatian (hr)	<div><div style="width: 40%;"></div></div>	3015
Czech (cs)	<div><div style="width: 5%;"></div></div>	5651
Danish (da)	<div><div style="width: 95%;"></div></div>	325
Dutch (nl)	<div><div style="width: 100%;"></div></div>	885



How can you help? 你能幫助什麼？

- Translation: 翻譯:
<http://localize.drupal.org>
- Documentation: 文件、手冊:
Best time to write docs is when you are learning.
寫文件的最好時刻，就是當你在一邊學習時

How can you help? 你能幫助什麼？

- Design: 設計
 - Pattern Library 素材庫
 - Themes 版型

- Code: 寫程式

The code I write is better because of collaboration.

「合作」讓我寫的程式比別人更好。

Start small: fix small bugs

從小地方開始: 修理些小蟲子

What did we learn?



What did we learn?

- You don't want to see me in a UtiliKilt.
你不會想要看到我穿蘇格蘭裙的！
- Technology matters.
事關乎科技
- Community matters more.
社群更是重要