Drupal in the Cloud

Rich von Rauchhaupt    Kerrin Perniciaro
Introductions

Richard von Rauchhaupt
Lead Programmer Analyst
4 years at Stony Brook
richard.vonrauchhaupt@stonybrook.edu
(631) 632-2789

Kerrin Perniciaro
Manager, IT Communications & Web Strategy
6 years at Stony Brook
kerrin.perniciaro@stonybrook.edu
(631) 632-6275
Agenda

- Introductions
- The Web @ Stony Brook
- Drupal in Higher Ed
- Building a Robust Drupal Environment
- The Cloud Argument
- Acquia Demo
- Where We Are Now
- Lessons Learned
### The Web @ Stony Brook

<table>
<thead>
<tr>
<th>Platform</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OU Campus</td>
<td>University Communications</td>
</tr>
<tr>
<td>Drupal</td>
<td>Stony Brook Medicine, Libraries, Humanities Institute, Linguistics, Language Learning Research Center, Undergraduate Colleges</td>
</tr>
<tr>
<td>Joomla!</td>
<td>Dill Research Group, Laufer Center for Physical and Quantitative Biology</td>
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<tr>
<td>SharePoint 2010</td>
<td>Teaching, Learning + Technology</td>
</tr>
<tr>
<td>Dreamweaver</td>
<td>Division of Information Technology (DoIT)</td>
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Needed to merge these two sites.
What We Did

- Organized a 5-person committee of IT staffers
- Developed requirements
- Evaluated 8 content management systems (Adobe CQ5, dotCMS, DotNetNuke, Drupal, OmniUpdate, Oracle Fatwire, Sitecore, Umbraco)
- Narrowed it down to 2 (considered costs, support, hardware requirements)
- Made recommendation to senior leadership
- In consultation with Systems team, decision was made to try Drupal in the cloud
http://it.stonybrook.edu

- Started migrating content last summer
- Launched site in October
- 40+ content contributors/quarterly meetings
- Service Catalog
- Software Catalog
- Events Calendar
- Project Status Page
- System Status Alerts
- News Archive
Drupal in Higher Ed
Over 60% of all Higher Ed institutions have some level of Drupal adoption.

Source: Drupal.org, Acquia
26% of all .edu sites use Drupal (that's double the nearest competitor!)

Source: Acquia
A Robust Drupal Hosting Environment
- LAMP Server
- Local / Development / Staging / Production
- SSH / SFTP
- Drush Support
- GIT Integration
- Apache SOLR Search
- Varnish (Reverse Caching)
Options for Hosting Multiple Sites

**Multi-Site**
- Shared Docroot (Code)
- Separate Databases & Files
- Shared Themes & Modules

Pro's: More Centralized
Con's: Updates Affect Everyone

**Multi-Install**
- Separate Docroot (Code)
- Separate Databases & Files
- Separate Themes & Modules

Pro's: More Flexible
Con's: More Administrative Overhead

**Organic Groups**
- Shared Docroot (Code)
- Shared Databases, Files, Themes Modules

Pro's: Content Sharing
Con's: More Complex, Less Flexible
The Cloud Argument
- Quick Deployment
- Cheap Entry

- Leverage Industry Best Practices
- Provider Support
- Guaranteed Uptime SLA

- Fewer Decisions
- Less Headaches
Drupal In the Cloud

ACQUIA

https://www.acquia.com/cloud-pricing

DevCloud (SaaS)
Managed Cloud (SaaS)

Drupal Gardens (PaaS)
We Are Not Alone
Stony Brook is one of ~300 higher ed customers using Acquia services.

Source: Acquia
Acquia Demo

http://network.acquia.com
Where We Are Now
Analytics

- 2,454,941 Page Views (1/21 - 4/21) +26% From Fall
Our Audience

- 10% Mobile (Including Tablets)
- Chrome 42%, Safari 22%, IE 19%, Firefox 11%
- 55% On Campus; 18% Optimum Online
Offering Drupal as a Service

- SB's Growing Drupal Community
- Centralizing Infrastructure
- Standardizing Tool and Skill Sets
- Implementing Best Practices & Procedures
Pitfalls & Lessons Learned
Learning curve for popular CMS

- **Skills & Knowledge:**
  - ModX
  - Wordpress
  - Joomla!
  - Drupal

- **Time**
Support Tickets & Advisory Hours

- "Precious" Resource
- Read the Documentation FIRST
- Good Turnaround Time
- Not All Tickets Count
Supporting Drupal Internally

- Varied Level of Web Experience
- Drupal is Complicated
- Define Web Standards & Policies
- Develop A Flexible Platform

- Stony Brook Drupal User Group
Higher Ed Resources

The Unconsortium (http://edudu.org)

NYC Camp Higher Ed Summit (http://nyccamp.org)

Higher Ed Drupal Group (groups.drupal.org/higher-education)

Questions?

Feel free to Contact Us

Richard von Rauchhaupt
richard.vonrauchhaupt@stonybrook.edu

Kerrin Perniciaro
kerrin.perniciaro@stonybrook.edu
Continue the Conversation..

Feel free to join us for lunch!
Table #10

http://it.stonybrook.edu/stc