Drupal in the Cloud

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Introductions

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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

OUCampus™	University Communications
Drupal™	Stony Brook Medicine, Libraries, Humanities Institute, Linguistics, Language Learning Research Center, Undergraduate Colleges
WORDPRESS	School of Journalism, The Globality Studies Journal, Long Island History Journal
Joomla!™	Dill Research Group, Laufer Center for Physical and Quantitative Biology
SharePoint 2010	Teaching, Learning + Technology
DREAMWEAVER®	Division of Information Technology (DoIT)

> 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**
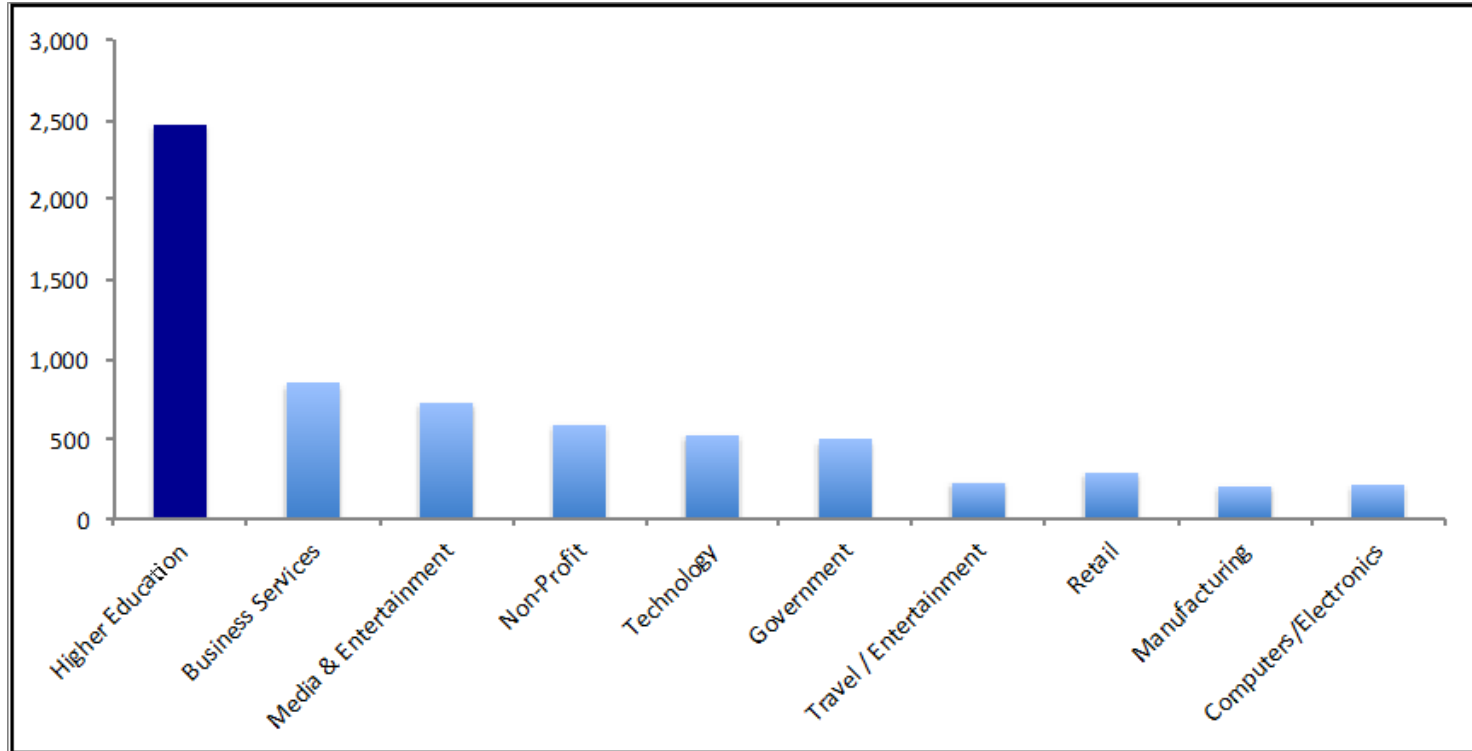
http://it.stonybrook.edu

- **Started migrating content last summer**
- **Launched site in October**
- **40+ content contributors/quarterly meetings**
- **Service Catalog**
- **Software Catalog**
- **Events Calendar**
- **Project Status Page**
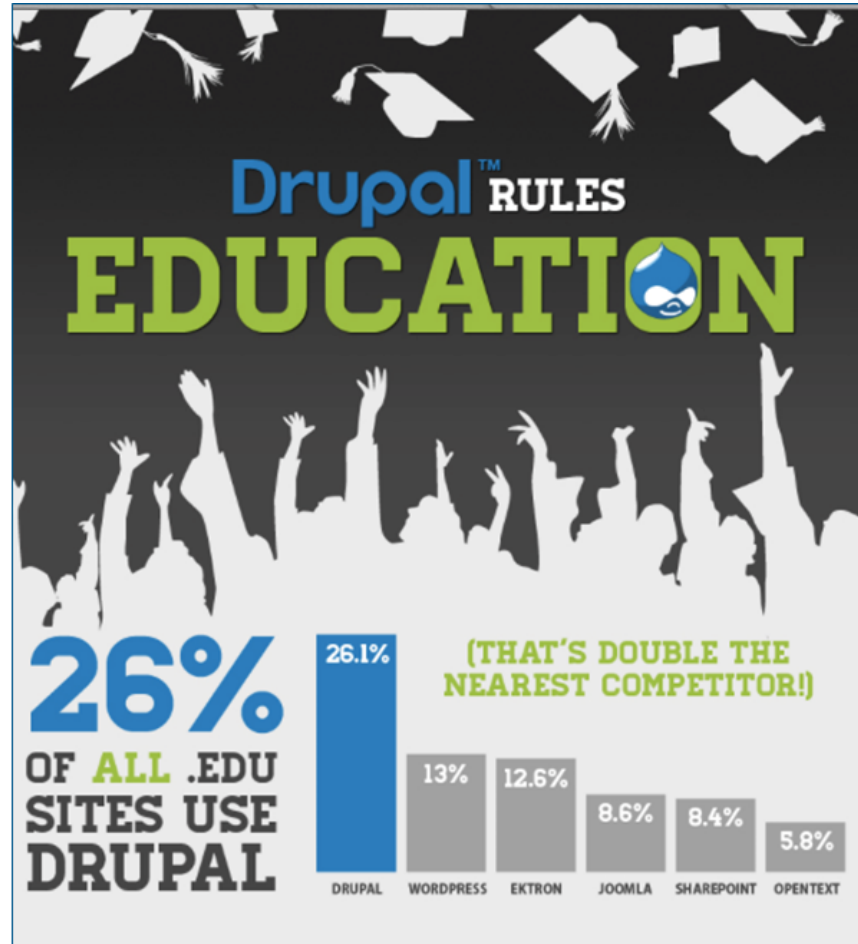- **System Status Alerts**
- **News Archive**

Drupal in Higher Ed

Over 60% of all Higher Ed institutions have some level of Drupal adoption.

Source: Drupal.org, Acquia

Source: Acquia

A Robust Drupal Hosting Environment

- **LAMP Server**
- **Local / Development / Staging / Production**
- **SSH / SFTP**
- **Drush Support**
- **GIT Integration**
- **DB Backups**
- **Apache SOLR Search**
- **Varnish (Reverse Proxy)**

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**
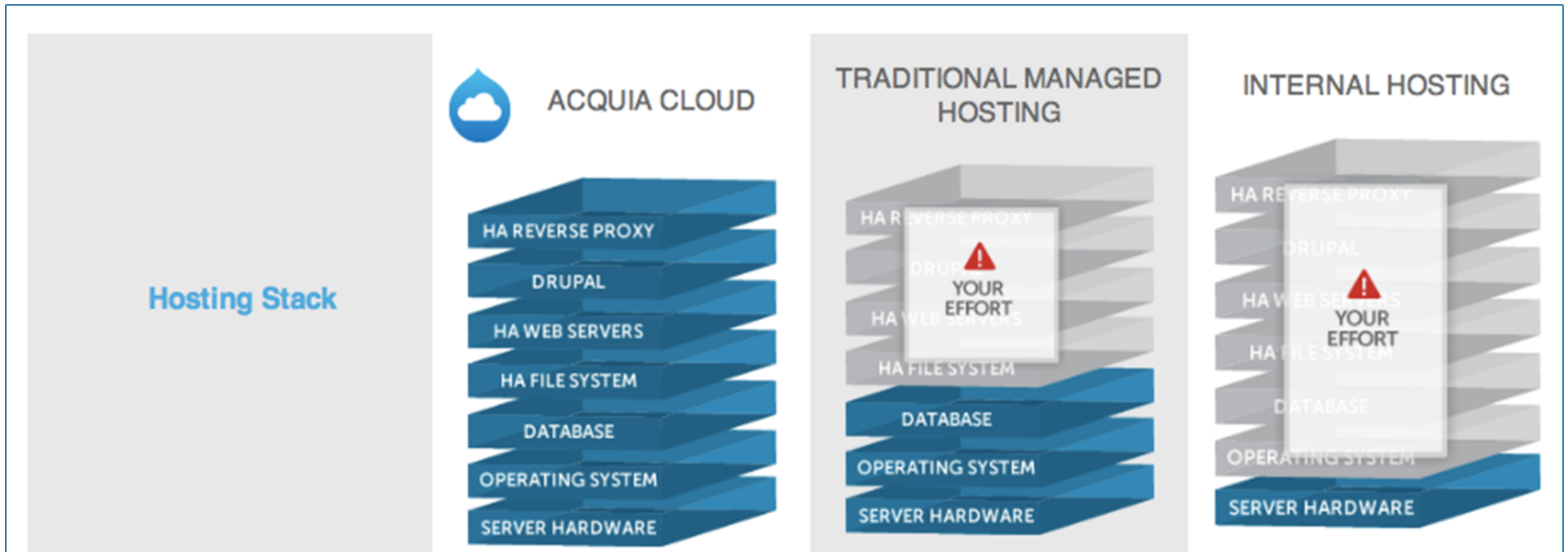- **Good Documentation / Community Support**

ACQUIA™

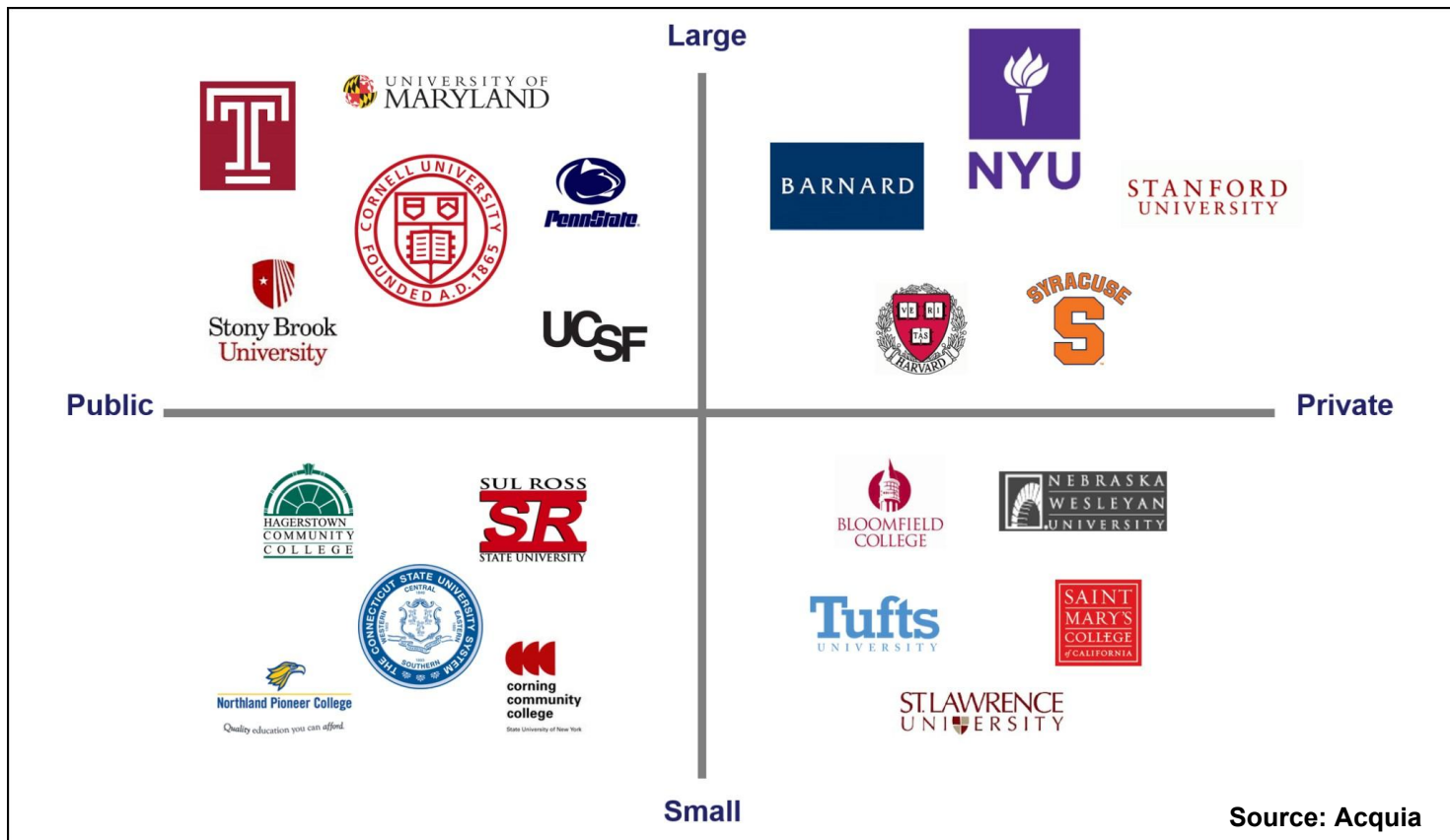## DevCloud (SaaS)
Managed Cloud (SaaS)

Drupal Gardens (PaaS)

We Are Not Alone

Stony Brook is one of ~300 higher ed customers using Acquia services.

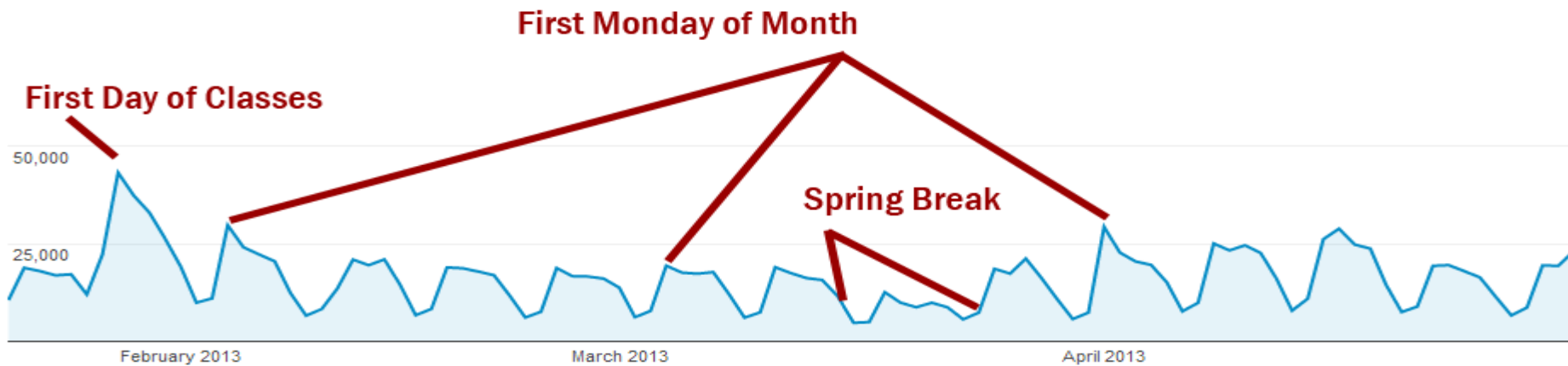# Acquia Demo
http://network.acquia.com

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**
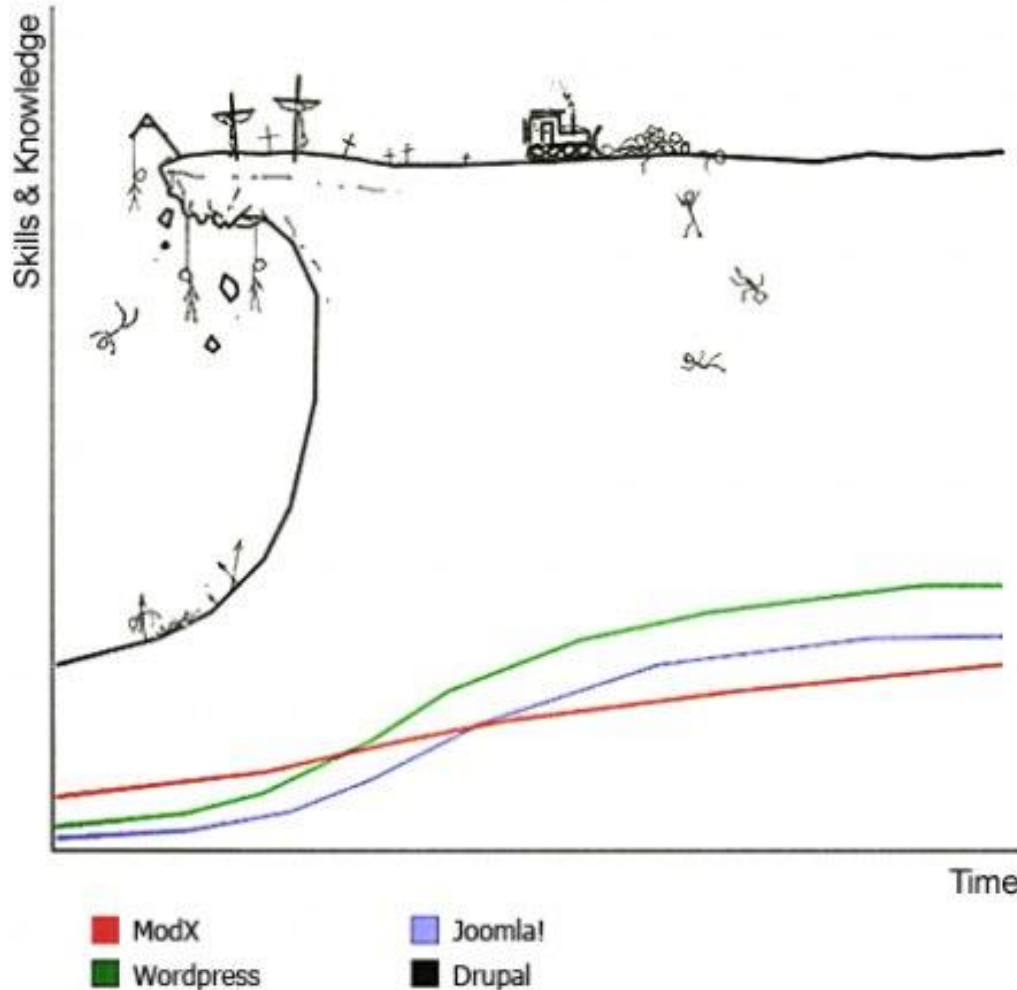- **Implementing Best Practices & Procedures**

Pitfalls & Lessons Learned

Learning curve for popular CMS

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)

**Drupal in Higher Ed List
http://bit.ly/drupal_in_higher_ed**

Questions?

Feel free to Contact Us

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Continue the Conversation..

Feel free to join us for lunch!
Table #10

http://it.stonybrook.edu/stc