WEB HOSTING

Project Information

Project Team Leads: Andy Jenkins
Mark Ahrens

Project Manager: Romy Bolton

TeamDynamix Project Number: 241110

Project Overview

Achieve efficiency and cost savings through the consolidation of hosted web sites that use common web content management systems (CMS).

Project Purpose and Benefits to Campus

The web hosting project is designed to optimize the web hosting environments across campus.

The University will benefit in the following ways:

- Standardized development environments
- Better site inventory for accessibility assessment
- Consistent solutions to reduce repeated work
- Improved site audits
- Common analytics tracking
- Technologies such as caching, provisioning and source control

Project Scope Statement

- This project will identify and consolidate Drupal hosted web sites on campus into a single Drupal platform.
- This project will identify and consolidate Wordpress hosted web sites on campus into a single Wordpress platform.
- This project will consolidate Drupal based digital signage systems on campus into a single Drupal platform.
- The central web hosting service will include Drupal, Wordpress, shared LAMP service, IIS/.NET webfarm and MyWeb.
- This project will evaluate IaaS and PaaS hosting offerings and make a recommendation.
- Partners will have complete control of their content.
- Partners can choose to maintain local developers or use ITS for web development and programming.
High-Level Requirements

- All centrally hosted web services will fall under an umbrella with a single point of contact for service ownership and service delivery.
- Centrally hosted web services will have shared governance between colleges, administrative units, and ITS.
- Common CMS platforms (currently Drupal and Wordpress) will be centrally hosted.
- CMS modules/extensions will be customizable per site.
- Collegiate and departmental Drupal and Wordpress sites move to the common Drupal and Wordpress platforms.

High-Level Risks

- Maintain security of websites
- Meeting the needs of all web units on campus while remaining safe, secure
- Migration of multiple multisites into a single platform
- Technical Complexity – multisite, SSL, etc
- Cloud service considerations/pressures

Assumptions and Constraints

- New service will not constrain the ability to innovate at the edge
- LAMP service will remain for campus - need better marketing of this and IIS web farm
- Source code for the platform and individual sites will be in a common source code tool

Project Governance

- Web Community – monthly meetings. Coordinated by Mark Ahrens
- Drupal User Group – monthly meetings. Coordinated by Genevieve Johnson
- Wordpress Users Group – needs to be constituted

Anticipated Cost Savings Categories

- Server Retirement
- Staffing (server and app admin)
- Development costs (shared custom modules/extensions)
- Reoccurring savings of $170,697 by FY17 per December document
SubProjects

- IaaS and PaaS Hosting Assessment
- Drupal Hosting
- Wordpress Hosting
- Digital Signage
- Review and improve other web hosting services to ensure campus needs are met.

Preliminary Milestones

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<tr>
<th>Activity</th>
<th>Date</th>
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<tbody>
<tr>
<td>Drupal Needs Assessment</td>
<td>6/15/2015</td>
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<tr>
<td>Wordpress Needs Assessment</td>
<td>7/1/2015</td>
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<tr>
<td>Digital Signage Architecture Review</td>
<td>6/15/2015</td>
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Project Team

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<thead>
<tr>
<th>Project Team</th>
<th>Role</th>
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<tbody>
<tr>
<td>Bill Bacher</td>
<td>Drupal, Wordpress, Signage</td>
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<tr>
<td>Mark Bennett</td>
<td>Drupal, Signage</td>
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<td>Rick Porter</td>
<td>Drupal</td>
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<td>Jessica Church</td>
<td>Signage</td>
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<td>Brandon Neil</td>
<td>Signage</td>
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<tr>
<td>Dawn Hanna</td>
<td>Drupal, Signage</td>
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<td>Brian Heil</td>
<td>Wordpress</td>
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<td>Jamie Jones</td>
<td>Wordpress</td>
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<td>Patrick Riepe</td>
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<td>Justin Pooley</td>
<td>Drupal</td>
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<td>Scott Fiddelke</td>
<td>Drupal</td>
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<td>Peter Yezek (UNI)</td>
<td>Drupal</td>
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<td>Dave Funk</td>
<td>Drupal</td>
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Stakeholders

Refer to Stakeholder Registry

Potential Implementation Cost

VM Costs: $90x20/month
## Key Dates

**Target Start Date:** 06/01/2015

**Target Go-live Date**
- Drupal: 11/1/2015
- Wordpress: 11/1/2015
- Signage: 9/1/2015

**Charter Ratification Date** 06/01/2015