Web Hosting at IU – the Webservce Environment

Enterprise Web Tech Services

October 30, 2009
Agenda

Brief Background
Webserve
Other WebTech Services
Questions
Brief Background

• Prior to June 2008 central web services were provided by Veritas, Lux, Champion, and Ramoth

• June 2008:
  – Central web servers migrated to VMs
  – Now 1 logon server and 4 load balanced web servers
  – Mypage also migrated to a VM at this time

• October 2009:
  – Upgraded and migrated mysql.iu.edu to MySQL 5
Webserve

Accounts

“Any IU university-affiliated department, group or organization at IUB, IUPUI, IUN, and IUK can request an account in this central web server environment for the purpose of publishing information about the services they offer to the IU community.”
Webserve

Architecture

- The logon server known as Webserve
- Four load balanced web servers
- A web log processing server
- Several development and test servers
Webserve

Tools/Guides (http://webmaster.iu.edu/)
- Policies and Guidelines
- Images and Templates
- Publishing to Webserve
- Web Site Maintenance
- Logs and Statistics
- Web Site Security
- Using Unix
- Programming Languages - PHP, SSI, CSS, CGI, and Perl
Webserve

Tools/Guides Continued

• Server Configuration
• Forms Using Transform
• IU Search Service
• Electronic Commerce
• Virtual Host Name Service
• Digital Media Streaming
• MySQL Database Service
Webserve

Upcoming Improvements

• Account Management Features
• CAS
Other WebTech Services

Confluence
• Enterprise Wiki
• https://uisapp2.iu.edu/confluence-prd/dashboard.action

Consolidated Hosting Environment
• Adobe ColdFusion and Microsoft IIS/.Net web hosting
• Microsoft SQL Server database hosting
• http://www.indiana.edu/~webtech/che.htm

Google Search Appliance and IU Search
• Custom search collections and interfaces
• https://uisapp2.iu.edu/confluence-prd/display/SEA/IU+Search
• http://search.iu.edu/
Other WebTech Services

Jira
- Bug and issue tracking, and project management software
- https://uisapp2.iu.edu/jira-prd/secure/Dashboard.jspa

Mypage
- Personal web publishing for students, faculty, and staff
- http://www.indiana.edu/~webtech/mypage.htm

Podcasting
- IU Podcast Portal
- http://www.indiana.edu/~webtech/podcasting.htm

Web Content Management System
- Enterprise web content management service
- https://www.indiana.edu/~wcms/index.php
Questions