Task 1: Deploy a Testbed Portal

Center of Intelligent Spatial Computing
George Mason University
09/10/2012
Goals

• Support ESIP members to interact with hosted testbed activities;

• Support interactivities between ESIP members and testbed task developers;

• Make ESIP testbed activities more visible to the public.
User Management

• Roles: Project Developer, ESIP Member, and System Administrator.

• Permissions:
  – Project Developer: create new project, edit own project, manage own project issues.
  – ESIP Member: access to project resources (demonstration site, screen shot, attached files).
  – System administrator: has the ultimate control of everything.
Demo 1: ESIP Member

- Access to project information,
- Submit an issue,
- Post on community forums,
- Post comments,
- Subscribe to contents.
Access Project Information

- Demo

Project One - Deploy an ESIP Testbed Portal
Submitted by cisc on Mon, 08/05/2012 - 15:46

Currently access to Testbed activities is primarily provided through links on the Products and Services Committee section of the ESIP Federation Wiki. While this approach works fine if users realize the Testbed is sponsored by the Products and Services Committee, it is otherwise somewhat hidden and difficult to discover from outside of the wiki environment. We propose two pursue two objectives with a new Testbed environment: (1) in an effort to make the ESIP Testbed more visible and accessible to ESIP members and the general public, a CMS-based portal will be deployed that will host the various funded activities and be available to support other activities as deemed appropriate by the Testbed Configuration Board. Access controls on the portal will be configured to provide controlled access for developers and testers while at the same time providing public access for users and other participants. (2) Additionally, we propose to implement a new flexible operating environment for the Testbed that will allow for more customized configuration for each task (if necessary) through the use of virtualization services, as well as making use of cloud-based resources as available. Some tasks will have requirements for system dependencies that may conflict with other tasks, so the availability of virtualized systems will allow more specialized configurations for tasks with those requirements. A common operating area will be available to host the less complicated configuration of other tasks as necessary. The Testbed Configuration Board will manage long-term maintenance and configuration of the Testbed portal.

Project type:
Full project
Enable issue tracker:
Yes
Documentation:
- topical_focus_document_esip_testbed_portal.doc
- portal_demo_slides_pdf.pdf
- esip_testbed_portal_user_manual_pdf.pdf
- ESIP Upgrade from Drupal 6 to Drupal 7.pdf

Pictures:

Home Page
Submit an Issue

• Demo
Post on community forums

- Demo
Post comments

• Demo
Subscribe to Contents

Subscribe

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SAVE
• Demo 2: Project Developer
  – Create new project with project information,
  – Image management,
  – Document upload,
  – Issue management.
Create New Project

- Demo
Upload Screenshots

- Demo
### Upload Document

- **Demo**

<table>
<thead>
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<th>FILE INFORMATION</th>
<th>WEIGHT</th>
<th>OPERATIONS</th>
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**Add a new file**

Files must be less than 8 MB. Allowed file types: txt pdf doc docx.
Issue management

• Submit an issue, search an issue, and update an issue status.
• Demo
• Demo 3:
  – Announcement
  – Event Management
  – Project File Archive
Make an Announcement

- Demo

Create News

Title: *

Body:

Split summary at cursor

Input format
Event Management

- Demo