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WG: Performance

Lead(s): [Linda M Place](#)

Description:

The Performance Working Group is a team of interested organizations working collaboratively to improve Sakai framework and tool scalability, reliability, and performance times. Shared design, resources, results, and discussions of this working group will supplement the functionality testing of the QA Working Group.

Please feel free to add resources to this shared space.

Scalability and Performance issues to watch

Add issues to this page that are related to scalability and performance:

- [Scalability and performance watchlist](#)

Community Performance Testing Effort

Performance Testing Area

Community Performance Testing Resources

For the past year, an effort has been underway to enable all Sakai Community members to participate in performance testing without needing to make significant resource expenditure. A Proof of Concept ([see slides](#)) for this initiative was presented at the 9th Sakai Conference in Paris, 1 July 2008. Shared resources for this effort, including "how to" documents, environment provisioning materials, Grinder scripts, use case scenarios, and test results, are located in this space.

NOTE: Resources being added regularly as contributions from members are available.

Performance Test Results

[2.4 and 2.5 Tool Tests](#)

- University of Michigan performance test results for a subset of Sakai 2.5 tools.

[chat2 patch testing](#)

- University of Michigan performance test results for the sak-13274 patch of the chat2 tool.

[Samigo Load Test](#)

- Stanford University, University of Michigan, and UNICON collaborated on early performance testing of Tests and Quizzes.

[Sakai 2.5 Performance Testing at Wiley](#)

- John Wiley and Sons and Unicon collaborated on performance testing of a Cafe distribution of Sakai 2.5.x.

[SiteStats Testing](#)

- SiteStats performance test setup, scripts and results for SiteStats (from [Nuno Fernandes](#) and [Chris Kretler](#)).

Alternative Performance Testing Shared Resources

jMeter Scripts

While the Performance Working Group encourages the use of The Grinder for the community testing effort, some campuses may wish to use jMeter. Please share your scripts with others [here](#).

Performance Working Group Plans

- [Sakai Community Performance Testing Plan](#)
 - A movement to design and implement a Sakai Community performance testing strategy. Contributions to this plan are strongly encouraged and welcomed.

Presentations and BOFs

- 9th Conference - Paris 2008
 - [Sakai Community Performance Testing: Proof of Concept](#)
 - [Paris Performance BOF](#)
- 8th Conference - Newport Beach 2007
 - [Collaborative Performance Testing - Samigo Case Study](#)
 - [Sakai 2.4 Production Performance Experiences - A Panel Discussion](#)
 - [Performance BOF](#)
- 7th Conference - Amsterdam 2007
 - [Load Testing Templates - Artifacts of NYU's Load Testing Implementation](#)
 - [Performance WG BOF](#)
 - [Performance BOF notes](#)
- 6th Conference - Atlanta 2006
 - [How to Design and Implement Load Testing for Sakai - The Michigan Experience](#)
 - [Sakai Performance Testing BOF](#)
- 5th Conference - Vancouver 2006
 - No presentations or BOF
- 4th Conference - Austin 2005
 - [Sakai Performance Profiling, Testing and Tuning](#)