



Sakai Newsletter

September 8, 2011

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1. Sakai OAE 1.0.0 Released!

The Sakai Open Academic Environment (OAE) steering group and project team are pleased and excited to announce that the OAE 1.0.0 is now available.

This release of OAE represents the first production-ready version of OAE and emphasizes functionality for academic networking and collaboration. We recognize that as a version one release, it's merely a stepping-stone for great things to come, and hope that it encourages adoption and, crucially, increased participation in the project among individuals and institutions that together comprise the Sakai Community.

Sakai OAE grew from the hard work of a lot of people, not just those "officially" seconded to the managed project team, but especially the many volunteer contributors in the community without whom the project would not have succeeded. While the list of people who have helped to make OAE a reality is too long to acknowledge individually, I'd like thank you to each of you for your hard work. Great job.

Alan Marks
alanmarks@sakaifoundation.org
Sakai OAE Project Director

About Sakai OAE 1.0.0

This release is:

- A major release of a new emerging product of the Sakai community.
- A significant update in both the backend and user interface from the previous "Q1" pre-release.
- The first of several planned releases.
- Intended for institutions wishing to provide an academic platform that offers social collaboration around content and encourages openness.

For additional information about the project and release, please review the following:

Brief demo of the functionality
<http://www.youtube.com/user/nyuatlas>

Sakai OAE nine design goals
<https://confluence.sakaiproject.org/display/3AK/Design+Goals>

Sakai OAE managed project structure
<https://confluence.sakaiproject.org/display/3AK/Project+overview>

For those interested in downloading and installing the release, information is included below.

VERSION
Sakai Open Academic Environment version 1.0.0
Released 8 September 2011

AVAILABILITY

Sakai OAE can be downloaded in the following packages:

OAE Binary Package

<http://source.sakaiproject.org/release/oae/1.0.0/binary/>

Example command line

```
java -Xms512m -Xmx1024m -XX:MaxPermSize=256m -jar  
org.sakaiproject.nakamura.app-1.0.0.jar 1> run.log 2>&1 &  
OAE Web Start (one-click download and run for demos)
```

How to Guide

<https://confluence.sakaiproject.org/display/3AK/Java+Webstart+Packages>

Web Start

<http://source.sakaiproject.org/release/oae/1.0.0/webstart/sakaioae.jnlp>

Source Code

Nakamura (<https://github.com/sakaiproject/nakamura/tree/1.0.0>)

Front End (<https://github.com/sakaiproject/3akai-ux/tree/1.0.0>)

Sparse Map Content (<https://github.com/sakaiproject/sparsemapcontent/tree/1.1-20110830>)

Solr Bundle (<https://github.com/sakaiproject/solr/tree/org.sakaiproject.nakamura.solr-1.0>)

KNOWN ISSUES

This link to Jira shows known OAE issues at the time of release:

<https://jira.sakaiproject.org/secure/IssueNavigator.jspa?reset=true&jqlQuery=%28project+%3D+%22Sakai+3+UI+Dev%22+OR+project+%3D+Nakamura%29+AND+%28FixVersion+%3E+%221.0.0%22%29+AND+%28Type+%3D+Bug+or+Type+%3D+%22Bug%2FDefect%22%29+AND+%28Resolution+%3D+Unresolved+OR+Resolution+%3D+%22Fixed%22%29+AND+createdDate+%3C+%222011%2F09%2F22%22>

The Solr component included in this release is the v1.0.0 release, while the sparse content release includes fixes beyond v1.0.0 and so is a date-based tag. There are no known issues with Solr.

DOCUMENTATION

Documentation is always a work-in-progress and current efforts can be viewed below:

- Functional Overview

<https://confluence.sakaiproject.org/display/3AK/Functional+Overview>

- UI Release notes

https://jira.sakaiproject.org/secure/ReleaseNote.jspa?atl_token=bf77578ce49e78d36c8e0f54387bd7cf365b6281&version=12503&styleName=&projectId=10522&Create=Create

- Nakamura Release notes

https://jira.sakaiproject.org/secure/ReleaseNote.jspa?atl_token=bf77578ce49e78d36c8e0f54387bd7cf365b6281&version=12506&styleName=&projectId=10470&Create=Create

- Solr Server Release notes

<https://jira.sakaiproject.org/secure/ReleaseNote.jspa?projectId=10470&version=12381>

- Sparse Content Release notes

<https://jira.sakaiproject.org/secure/ReleaseNote.jspa?projectId=10470&version=12380>

- Deployment Guide

<https://confluence.sakaiproject.org/display/3AK/OAE+Configuration+and+Deployment>

- Widget SDK

<https://confluence.sakaiproject.org/display/3AK/Widget+SDK+Alpha>

- Nakamura Documentation

<https://confluence.sakaiproject.org/display/KERNDOC/Nakamura+Documentation>

LICENSE

Sakai OAE is released under the Educational Community License Version 2.0

<http://sakaiproject.org/foundation-licenses>

ONGOING WORK

Version 1.0.1. The team expects to release an incremental version (1.0.1) shortly after this release, which will include integration with Sakai CLE that will allow users to see the CLE sites they are a member of on their personal dashboard, with the ability to visit and use their CLE sites inside of the OAE portal, will include accessibility improvements, and a small set of important patches (to be determined).

<https://jira.sakaiproject.org/secure/IssueNavigator.jspa?reset=true&jqlQuery=%28project+%3D+%22Sakai+3+UI+Dev%22+OR+project+%3D+Nakamura%29+AND+%28FixVersion+%3D+%221.0.1%22%29>

Version 1.1.0. The majority of the project team is focusing on the 1.1.0 release, which is expected to be a significant functional upgrade. Significant progress has already been made. Further information can be found here:

<https://confluence.sakaiproject.org/display/3AK/Sakai+OAE+v1.1+90-day+plan>
<https://confluence.sakaiproject.org/display/3AK/Sakai+OAE+v1.1+progress+tracking>

2. NYU Launches Sakai OAE 1.0 Pilot

NYU is pleased to announce its pilot launch of Sakai OAE 1.0. The NYU pilot will grow to around 6,000 users this fall for a mixture of uses, including courses, portfolios, collaborative groups, and academic networking. View a demonstration here: <http://www.youtube.com/user/nyuatlas>

The NYU instance of Sakai OAE, known as the ATLAS Network (Advanced Teaching, Learning, and Scholarship), is being developed and implemented under the oversight of the Sakai/ATLAS Working Group (SAWG), a cross-school, academic-led committee. SAWG was founded by ITS Executive Director David Ackerman and Liberal Studies Program Dean Fred Schwarzbach as a unique opportunity for ITS/academic collaboration in technology design and development.

Also included in the NYU Pilot will be the use of Grouper software for group management and provisioning, a disaggregated grade book in NYU's PeopleSoft Student Information System, an integration with our Kaltura video service, and an integration with an eBook platform from NYU's Library.

For more information about the NYU pilot and its focus on pedagogy, academic networking, and the creation of an instructional technology ecosystem, see the ATLAS Project blog: <http://chartingatlas.blogspot.com/>.

Lucy Appert
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3. uPortal 4.0 Now Available!

Jasig is proud to announce the release of uPortal 4.0, the latest version of the leading portal framework developed by and for Higher Education! uPortal is a powerful, flexible, scalable, standards-based open source enterprise integration portal platform enabling personalization, customization, and integration. This major release supports version 2.0 of the Portlet specification (JSR-286), and includes new customization, groups, permissions and user management UIs. "Under the hood" improvements in the rendering pipeline and caching improve speed and memory usage of the portal. uPortal is a built by Higher Education for Higher Education.

uPortal 4, including a quick-start distribution, is available for download at <http://www.jasig.org/uportal/download/uportal-400>. Features, benefits and support information is available at <http://www.uportal.org>.

What's new in uPortal 4.0

Portlet 2.0 Support

uPortal 4 supports Portlet 2.0 (JSR-286), implementing inter-portlet communication via events, resource URLs for AJAX, and the other requirements of the specification. This means that adopters can build custom portlets using the latest portlet development techniques and frameworks, including the latest Spring Portlet MVC and Spring Web Flow releases (and thereby take advantage of Spring 3). This is a tremendous step forward in the portlet development APIs afforded to adopters.

Google Gadgets support

uPortal 4 also ships demonstrating inclusion of Google Gadgets in the portal, affording an API totally different from JSR-286 for developing custom portal-delivered experiences.

UI Improvements

uPortal 4 ships with improved out-of-the-box user experiences for layout management and administration, and provides a better starting point for custom skin development.

Mobile Support

uPortal 4 ships delivering traditional desktop browser as well as mobile browser-appropriate markup with jQuery Mobile support. uPortal 4 also supports the optional free and open source uMobile native mobile applications. This makes uPortal 4 a viable platform for delivering mobile browser experiences out-of-the-box, and provides a path to even richer native mobile application experiences.

Internationalization

uMobile 4 ships with a new unified message file approach to internationalization support and improved i18n support throughout.

Integration

uPortal has long offered flexible and pluggable groups service, and now ships with support for using Grouper groups within uPortal. uPortal has long offered excellent CAS support, including support for using CAS proxy tickets in portlets, and now ships demonstrating this, as well as integration with the ClearPass CAS extension providing optional support for making the end user password available to portlets concurrently with

use of CAS. Portlet Event-based searching allows any portlet to contribute search results to the uPortal Search dialog.

Data Import/Export

uPortal 4 provides improved data import/export formats, definitions, and improved support for executing on these imports and exports.

Administrative Tools

uPortal 4 ships with improved administrative tools supporting delegated administration of groups and permissions, as well as management of portal-local users.

Performance (and flexibility)

A refactored rendering pipeline affords greater modularity and flexibility, but uPortal 4 demonstrates the potential in this out-of-the-box by leveraging that flexibility to provide better-performing smarter-caching implementations of rendering pipeline components. uPortal 4 is faster and better under the hood.

Portlet Execution Management

uPortal 4 doesn't just support the latest portlet APIs, it provides great support for these APIs, with an execution environment that provides helpful debugging information when portlets timeout or fail and which cleans up after portlets even when they won't clean up after themselves. This makes uPortal 4 a more supportive development environment and platform for delivering your custom portlets.

For more information on the features and benefits of uPortal, see <http://www.uportal.org>.

Jim Helwig
jim.helwig@doit.wisc.edu

4. EuroSakai 2011 -- "Focusing on European Adoption"

Please join us in exciting Amsterdam, 26 - 28 September

Register on the conference website: <http://www.eurosakai.nl>

The main theme of EuroSakai 2011 is "Focusing on European Adoption". Over the past years, Sakai has seen increased adoption by institutions, and the community has grown steadily. However, the adoption of Sakai in Europe lags behind, particularly in comparison to Northern America. At the same time, higher and tertiary education in

Europe are also confronted with budget constraints, and the end of many existing product licenses. A number of European institutions that had previously not considered open source software are now starting to give it serious consideration. Awareness of the benefits and flexibility of open source, and the possibility of collaborating between renowned institutions, needs to be fostered in Europe. Meanwhile, policy makers such as the European Commission Digital Agenda are encouraging use of open standards and open source software. All summed up, the conference takes place at a time of great opportunities for Sakai.

Keynote talks:

"Welcome and the State of the Sakai Foundation"
Ian Dolphin, Executive Director, Sakai Foundation

"Shaping the Second Decade of Open Source"
Bradley Wheeler, Vice President & CIO, Indiana University

"Open Courseware Consortium"
Willem van Valkenburg, Delft Technical University

And a Closing Keynote by:
Charles Severance, IMS Global Learning Consortium & Sakai Foundation

There will be 40 sessions in 4 parallel tracks covering all aspects of the Sakai Community. You can see more information about the programme and venue at:

<http://www.eurosakai.nl>

Frank Benneker
frank.benneker@uva.nl

5. CTools Mobile Officially Released to University of Michigan Community

A version of CTools (UM's Sakai implementation) for smartphones, tablets, and other mobile devices now is available to the U-M community. CTools Mobile provides an optimized view of CTools sites, allowing users to interact with course and project sites virtually anywhere.

The CTools Mobile portal was in beta testing over the last several months. With the latest release, the CTools team offers the UM community a solid and feature rich offering.

"We know hand-held devices like smartphones and tablets are the primary way many people use the Internet," says Sean DeMonner, director of Teaching and Learning for

Information and Technology Services. "In fact, we surveyed a group of UM pharmacy students from one of our mobile pilots, and found that 90 percent would use the mobile version of CTools as soon as it became available. We knew then that we needed to work hard to release CTools Mobile this summer."

Sunmin Kim, a second-year graduate student in mechanical engineering, says she would "definitely use" CTools Mobile. "It'd be nice because I always use my phone for everything. It would be easier than going to a computer lab and logging into CTools there."

To use CTools Mobile, launch ctools.umich.edu in a mobile Web browser. The system automatically will detect that the request originated from a mobile device and will present the mobile portal. The primary target devices for CTools mobile have been iOS and Android smartphones and tablets, but the portal works in a wide variety of mobile browsers.

If one prefers to use the standard, full version of CTools on a mobile device, select the "Switch to Full View" button. There also is a "Switch to Mobile" button to toggle back to the mobile view. While nearly all of the functionality of the standard version of CTools is available via mobile, a few features are not supported in some devices.

Matt Martin
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UM Information and Technology Services

6. EDUCAUSE Community Source Reception

Here are the details of the Community Source reception at this year's EDUCAUSE Conference in Philadelphia:

Duraspace - Jasig - Quali - Sakai

Community Source Reception
Wednesday
Oct 19th, 2011
6:00 PM - 7:45 PM
Grand Ballroom KL, Fifth Level Marriott Hotel

I hope to see you there!

Ian Dolphin
Executive Director, Sakai Foundation
iandolphin@sakaifoundation.org

7. New OAE DEV and PRODUCTION Mailing Lists

New mailing lists for OAE DEV and OAE PRODUCTION have been set up as follows:

DEVELOPERS

oea-dev@collab.sakaiproject.org

Type: public list, public archives, moderation limited to non-member posts only although it is expected that "pilot/production-related" questions posed on the list will be re-directed to oea-production (see below).

Rationale: This list SUPERSEDES both the Google sakai-nakamura list AND sakai-ui-dev. oea-dev will provide a single public mail list for non-security-related OAE developer/development conversations. The goal is to encourage developer engagement across the entire code base as well as reinforce further the solid working relationships that currently exist between the UI Dev and Server Dev teams. oea-dev uses the Sakai Community collab infrastructure and aims to simplify list subscription choices for new developers (e.g., go here, not go here, there and elsewhere).

Join: <http://collab.sakaiproject.org/mailman/listinfo/oea-dev>

Note: oea-dev has already begun to garner traffic. See the list archives for current threads:

<http://collab.sakaiproject.org/pipermail/oea-dev/>

DEPLOYERS

oea-production@collab.sakaiproject.org

Type: public list, public archives, moderation limited to non-member posts only

Rationale: this list is intended for those who are responsible for deploying and maintaining OAE pilot and production instances. Installation, configuration, tuning, clustering strategies and other non-security-related deployment topics are the grist for this list. Apache projects, for example, try to route user-related questions to mail lists such as users@sling.apache.org in order to keep the dev list focused on development-related discussions. We should attempt the same approach and route deployer-related questions to this list rather than oea-dev. It will take some discipline to achieve as well as pointers for new subscribers.

I believe OAE deployment issues are sufficiently distinct from that of the CLE (despite hybrid or perhaps in part because of it) to warrant a separate list as opposed to using the existing [CLE] production list.

Join: <http://collab.sakaiproject.org/mailman/listinfo/oa-production>

Anthony Whyte
arwhyte@umich.edu

8. Teaching with Sakai Webinar, September 27, 2011

Dear Sakai Teaching & Learning Community,

You are invited to attend the new Teaching with Sakai Webinar Series that was proposed at the Los Angeles Sakai Conference in June. Our goals for putting on these webinars are to expand our local professional development efforts and develop deeper cross-institutional collaboration and sharing.

We encourage institutions to set up "watch parties" with faculty and instructors so that you can participate both in a community-wide discussion and follow-up local discussions. Contact us if you are interested in setting up a watch party for your campus so we can include you in a pre-webinar practice session. This is very much a grass-roots effort and we will all be learning as we go, so stay tuned!

UC Berkeley will kick things off by hosting the inaugural webinar:

September 27, 2011 at 3pm EDT (12pm PDT)

Learning through reflective writing and immersion with social media

Bobby White is teaching a 10 week professional development seminar for faculty focused on the history and origins of new media. The primary learning goals for her class are to:

- develop a greater understanding of the cross-disciplinary foundations of new media
- be able to utilize social media in supporting students to facilitate their own learning

This webinar will focus on how Bobby is using blogs and the Sakai Open Academic Environment (OAE) to meet these goals through reflections on readings, sharing ideas, and online discussion.

Register at: <http://teachingwithsakai.eventbrite.com/>

Teaching with Sakai Webinar Series

The Teaching with Sakai webinar series highlights effective teaching practices using Sakai from across the community. Each webinar in the series will begin with a 20 minute presentation followed by a facilitated discussion.

This is an opportunity for you to take advantage of one of the real benefits of the Sakai Community, so don't miss out!

If you have questions or have an idea for a webinar to add later in the year, let us know.

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Educational Technology Services
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(510) 643-9433

Kimberly Eke, Ph.D.
Sr. Mgr., Teaching & Learning Interactive
ITS Teaching, Learning, and Research Computing
University of North Carolina at Chapel Hill
<http://blog.sakai.unc.edu>
(919) 445-9472

9. UC Berkeley Seeks Two Senior Web Applications Programmers

Educational Technology Services at UC Berkeley is seeking two Senior Web Application Developers with professional level JavaScript and/or Java experience, and a demonstrated enthusiasm for working on collaborative teams and user-focused solutions.

The qualified candidates will work with a global team designing and developing a new vision for academic collaboration and enterprise course management that will make a real difference in the delivery of quality teaching and learning in higher education.

For more information or to apply for either of the above positions, please visit:

<http://jobs.berkeley.edu> and search using Job ID #12749

Eli Cochran
Project Manager, CalCentral project
eli@media.berkeley.edu

10. Indiana University Hiring Principal Systems Programmer for OAE

Description and Responsibilities

Leads and collaborates in the delivery of Sakai Open Academic Environment (OAE) platform, a re-imagined technology-supported teaching learning and research system. Participates in the development and leads initiatives to analyze functional processes, determine system specifications, design solutions, write programs, and implement critical system applications while maintaining standards on a cross institutional managed project team. Analyzes highly complex technical issues; identifies refines and documents requirements to develop and implement code for the Sakai OAE project according to standards and best practices in a wide variety of technical architectures; and oversees code reviews to ensure proper functionality. Responsible for all areas of project plan, ensures implementation, troubleshooting, and maintenance support for existing systems; collaborates with team, serves as a resource for problem analysis and resolution, and attends meetings; works independently as a member of the Sakai OAE Team and maintains excellent relationships with all members of the team through careful consideration and thorough communication on analysis and programming assignments; serves as senior point of contact for course of action relating to systems design and functionality as well as research and evaluation of emerging technologies that will enhance the product; and provides expertise in systems development in one of two areas: 1) User Interface - A UI developer is responsible for writing the code that presents the user interface to the Sakai user or 2) Server-side - The Server side developer is responsible for writing complex application code that provides services to the clients.

Qualifications

REQUIRED: Bachelor's degree in computer science or related field and five years demonstrated leadership in software engineering and/or development initiatives and projects.

Ability to operate effectively in a complex and dynamic environment; excellent interpersonal, written, and oral communication skills; track record in successfully leading high-level process redesign on large-scale projects.

Preferred: Experience working on or leading an agile development team. Experience within higher education.

The technical skills and experience for UI developer are: expert-level cross browser HTML & CSS, AJAX, cross-browser JavaScript & jQuery; good visual design sense and capable of creating highly usable UI; deep knowledge of major browsers (Internet Explorer, Firefox & Safari) as client platform with a view into future direction;

experience programming with PHP and MySQL; ability to quickly produce high quality work, in both deadline and non-deadline situation; and firm understanding of web standards.

The technical skills and experience for server side developers are: professional J2EE development experience; sound understanding of Java in a server environment; experience with enterprise-scale application development; collaborative team attitude prepared to work to achieve a shared goal; ability to work, self-motivated but task driven in a globally distributed team of developers; exposure to developing applications for collaboration in Higher Ed; solid track record in delivering Java server web applications in a clustered environment; and experience with Maven 2, OSGi, Apache Felix, Apache Jackrabbit and Apache Sling highly.

Interested applicants can find apply at: <https://jobs.iu.edu/> Job number: #4431.

Please distribute this to others who may be interested.

Thanks,

Megan May
mmmay@umich.edu
Interim Manager, Oncourse

11. Indiana University Hiring Digital Library Project Programmer

<https://jobs.iu.edu/joblisting/index.cfm?jlnum=4613&search=2>

This position has two areas of responsibility, one of which is the Sakai citations helper and other library-related functionality in Sakai. The other is the Vivo project (see links below).

Job Summary: Performs analysis, design, programming, and system administration for software applications supporting digital library program projects. Initially, focuses on two primary projects: 1) implementation of the VIVO research-focused discovery tool at Indiana University, and 2) enhancement of Sakai (known at IU as Oncourse) to enable better access to online library collections for faculty and students. Works closely with VIVO, Sakai, and library staff at Indiana University and other institutions to analyze system and user needs, define requirements, perform software design, write and test software programs, administer and troubleshoot systems developed by others, and prepare technical documentation.

Qualifications: Review your qualifications prior to applying to ensure that you meet the minimum qualifications for the position. Resume and cover letter required.

REQUIRED: Bachelor's degree in computer science or related technical field and two years experience in development of complex software systems, including work in one or more of the following languages: Java, C++.

An equivalent combination of education and experience may be considered. Experience in relational database design and programming, experience in Web application development using Java, and experience with XML and XML-related technologies. Excellent oral and written communication skills and ability to work effectively as a member of a team; ability to perform detailed work, effectively communicate verbally and in writing, interact with staff, faculty, and vendors, change priorities as project expands or project needs change; and perform multiple concurrent tasks with constant interruptions; and creativity in identifying complex problems and finding solutions quickly and accurately, as well as attention to detail in communicating technical issues and implementing solutions

Preferred: Master's degree. Experience with RDF, Semantic Web, and Linked Open Data. Experience with the Sakai collaboration and learning environment and/or VIVO applications.

Position is funded for a period of two years, with potential for renewal.

Other Information: For more information, see:
IU Digital Library Program -- <http://www.dlib.indiana.edu/>
VIVO -- <http://vivo.iu.edu/> and <http://vivoweb.org/>
Sakai -- <http://www.sakaiproject.org/>
Sakai Library -- <http://www.sakaibrary.org/>

Applications accepted until September 29, 2011, or until position is filled.

Mark Notess
mnotess@indiana.edu

12. Recent Email Group Discussions

[Building Sakai] Assignments | Grade | Grade blows up
<http://old.nabble.com/-Building-Sakai--Assignments-%7C-Grade-%7C-Grade-blows-up-to32455941.html>

[DG: Teaching & Learning] Teaching with Sakai Webinar, September 27, 2011
<http://old.nabble.com/-DG%3A-Teaching---Learning--Teaching-with-Sakai-Webinar%2C-September-27%2C-2011-to32466958.html>

[Building Sakai] Adjusting links after a site duplication
<http://old.nabble.com/-Building-Sakai--Adjusting-links-after-a-site-duplication-to32465288.html>

[Building Sakai] WHAT HAPPENED TO SERVER-CONFIGURATION-SERVICE !?!?
<http://old.nabble.com/-Building-Sakai--WHAT-HAPPENED-TO-SERVER-CONFIGURATION-SERVICE--%21--to32459357.html>

[Building Sakai] CASifying Sakai
<http://old.nabble.com/-Building-Sakai--CASifying-Sakai-to32463769.html>

[Building Sakai] Insert UI variant in JSF or in Java file
<http://old.nabble.com/-Building-Sakai--Insert-UI-variant-in-JSF-or-in-Java-file-to32462765.html>

[Building Sakai] Get Announcement's attachments
<http://old.nabble.com/-Building-Sakai--Get-Announcement%27s-attachments-to32456699.html>

[Building Sakai] user_id of groups created in project sites, goes in which table ?
http://old.nabble.com/-Building-Sakai--user_id-of-groups-created-in-project-sites%2C-goes-in-which-table---to32461419.html

[Building Sakai] [Deploying Sakai] [Testing Sakai] Test & Quizzes Tool Errors and Bugs
<http://old.nabble.com/-Building-Sakai---Deploying-Sakai---Testing-Sakai--Test---Quizzes-Tool-Errors-and-Bugs.-to32445136.html>

[Building Sakai] Sakai 2.9 Code Freeze September 20th
<http://old.nabble.com/-Building-Sakai--Sakai-2.9-Code-Freeze-September-20th-to32457491.html>

[Building Sakai] Lesson Builder 1.3.x and building with Sakai 2.7.1 question
<http://old.nabble.com/-Building-Sakai--Lesson-Builder-1.3.x-and-building-with-Sakai-2.7.1-question-to32296248.html>

[DG: Teaching & Learning] QA call for 2.9 Testing
<http://old.nabble.com/-DG%3A-Teaching---Learning--QA-call-for-2.9-Testing-to32456349.html>

[Portfolio] new reports tool ?
<http://old.nabble.com/-Portfolio--new-reports-tool---to32451766.html>

[Building Sakai] Tool title Localization
<http://old.nabble.com/-Building-Sakai--Tool-title-Localization-to32454429.html>

[Building Sakai] Sakai OAE Usability Testing Package 1
<http://old.nabble.com/-Building-Sakai--Sakai-OAE-Usability-Testing-Package-1-to32282788.html>

[Building Sakai] Oxford's development of Entity Broker
<http://old.nabble.com/-Building-Sakai--Oxford%27s-development-of-Entity-Broker-to32417395.html>

[Building Sakai] Export-Import questions battery
<http://old.nabble.com/-Building-Sakai--Export-Import-questions-battery-to32454259.html>

[Building Sakai] Performance issues with 'load.bundles.from.db=true'
<http://old.nabble.com/-Building-Sakai--Performance-issues-with-%27load.bundles.from.db%3Dtrue%27-to32454163.html>

[Building Sakai] Create Wiki content permission for students
<http://old.nabble.com/-Building-Sakai---Create-Wiki-content-permission-for-students-to32448017.html>

13. Events

EuroSakai 2011 "Focusing on European Adoption"
September 26, 27, and 28, 2011
Amsterdam
<http://www.eurosakai.nl>