Sakai Newsletter

March 17 , 2011

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1. From the Executive Director

At the end of March, Alan Berg, Sakai Foundation QA Director, returns to his role at the University of Amsterdam. I would like to take this opportunity to thank Alan for the tremendous work he has done over 16 months, which has included two major and three maintenance releases. I would also to thank the University of Amsterdam for allowing Alan this extended secondment. Sakai is built around the collective contributions of institutions and individuals. Alan's contribution, which would not have been possible without UvA's commitment, has made a significant difference to the quality of Sakai software. It has enhanced the experience of millions of learners, educators and

researchers who use Sakai software. I wish Alan the very best in his continuing role at Amsterdam.

A number of possibilities exist for structuring QA work going forward. The approach I outline below continues the approach of the last 18 months, and breaks out QA roles into discrete areas. This is designed to facilitate greater incremental contribution from institutions with an interest in improving the quality of Sakai software, without imposing a significant overall coordination overhead. Whilst this proposal appears to be the optimal path forward, and has been discussed and developed by Foundation staff, I'm more than happy to listen to alternatives and suggested amendments from the broader community.

Functional Test Coordinator: The recent bug-bashes organised by rSmart and Marist have begun to have a real impact on Functional testing. To develop this area further, we need a longer-term coordinator who can build on this work, soliciting and recruiting further functional testers.

Automated Test Coordinator: This person should be familiar with emerging technologies that help capture code defects early in the development cycle. In the short term the coordinator's effort should center around leveraging Hudson/Jenkins plugins, reviewing automatic functional testing. In the longer term, the coordinator will help plan and build generic infrastructure for a multi-project community.

Performance Test Coordinator: The performance lead will play a significant role in revitalizing the Performance Workgroup, in addition to writing and running test plans against Sakai through an open source product such as Jmeter or Grinder. An understanding of the underlying Java Frameworks would be of great benefit. Generating a greater degree of engagement from institutions with an interest in specific release/database combinations is a strategic priority in this area.

Overall coordination of QA effort should be collectively organised by the three coordinators, with a suggested rotating fixed time "point person". Each of these roles imply a strong, proactive engagement with other members of the Sakai Community, including the Technical Coordinating Committee, and those coordinating work to improve specific capabilities such as accessibility and internationalisation. Each QA role provides not only a great opportunity to improve the quality of Sakai software, but also to gain considerable additional experience in several critical areas of quality assurance. Such experience could be of considerable broader benefit to the contributing institution. I would suggest the time commitment associated with each of the roles lies, on average, between 1 and 2 days per week. This will clearly vary according to the point in any release schedule.

This proposal has two purposes. The first is to solicit community contributed resource to continue to improve the quality of our software. The second is to stimulate discussion around how that resource is best organised. The current QA structures evolved in a period

when Sakai was a single "product", single project community. We now have two distinct "products" in the existing Sakai CLE, and the emerging Sakai Open Academic Environment. As Alan Berg has often, and rightly, reminded me in recent months, the implications of the Sakai OAE Hybrid mode are that for QA purposes our community now supports three products -- somewhat masked at present by the nature of the OAE effort as a managed project. As we evolve quality assurance processes into the future, we need to factor this into thinking and planning, carefully examining where structures and processes can be applied to the range of software we develop and support. This is particularly important in the context of a future, larger foundation with our colleagues in Jasig, where we should certainly carefully examine opportunities for economies of scale and increased effectiveness.

As a community, we've made significant progress in QA, but three "products" imply a larger challenge. We need to meet that challenge by stepping up resources devoted to quality assurance, and ensuring that resource is effectively deployed and coordinated.

Please feel free to contact me directly about any aspect of this mail. I suggest discussion take place on the Sakai Management list.

Best,

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

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2. Sakai 2011 Conference Information

The Sakai Foundation is pleased to share the initial information and call for presentations for the Sakai 2011 conference in Los Angeles. All conference information will be added to www.sakaiproject.org/sakai-conference-2011 as it becomes available.

The growth in projects, partners, adoption and engagement in the Sakai community creates an opportunity to have a remarkable conference this year. Yet as you can imagine, the move from Berlin to Los Angeles has compressed the timeline of conference preparations. Achieving this is going to require a community effort. If we can each make a small contribution to the success of the conference and meet the deadlines, it will be a tremendously successful event that is beneficial to everyone involved. Please take a few minutes to review the information and deadlines below.

We would also like to emphasize that the invitation to participate in the Los Angeles conference, like all Sakai conferences, is a global invitation. The geographic range of our organizations creates a rich perspective and experience that is core to the Sakai

community and central to our success. In addition to participating in local Sakai events, please consider joining the community in Los Angeles.

Request for Presentation Suggestions As a new addition to our process this year we are seeking information from conference participants about the session content that they would most like to see included in the program. What sessions would you like to hear? What topics do you hope to have covered? Our hope is that community members will share topics and ideas, and review this list to get ideas for presentation submissions. If you are attending the conference, please share your content requests. If you are willing to present, please consider the requests as you are formulating your presentation proposal. This information can be submitted and reviewed immediately.

Call for Presentation Proposals We are requesting proposals for conference sessions, pre-conference workshops, birds of a feather topics, and showcases/tech demos. Please consider sharing your expertise in a formal session, or an informal discussion or demo.

Registration and Lodging Registration will open on April 1. This timeframe is driven by a need to define the pre-conference sessions prior to opening registration. If we are able to get through this process more quickly, I will send a message to the list with that information. You may book a room with the conference rate immediately.

As we begin the process of gathering and reviewing presentation content I would like to acknowledge the conference committee that is contributing significant time to bring this together: Chair-Chuck Powell (Yale University), Brian Dashew (Marist College), Bruce Sandhorst (University of Nebraska-Lincoln), Debbie Smith (Concentra), Ian Dolphin (Sakai Foundation), Jenn Cummings (Concentra), John Lewis (Unicon, Jasig), Joel Thierstein (Rice University, Connexions), Kate Ellis (Indiana University), Kim Eke (UNC Chapel Hill), Kim Thanos (Sakai Foundation), Lance Speelman (Indiana University) Lynn Ward (IUPUI), Lucy Appert (New York University), Mara Hancock (UC Berkeley, Opencast), Michelle Ziegmann (UC Berkeley, Opencast), Mary Miles (Sakai Foundation), Mathieu Plourde (University of Delaware), Rob Coyle (Johns Hopkins University), Trent Batson (AAEEBL), and Doug Johnson (University of Florida).

Best,

Kim Thanos
Sakai Foundation Communications Lead
kthanos@sakaifoundation.org

3. Jasig-Sakai Joint Working Group Mission and Charter

Sakai Colleagues,

Below is an important update on the work that Jasig and Sakai are undertaking as well as information on a new mailing list on which future updates will be distributed and feedback gathered.

In October, the boards of Jasig and the Sakai Foundation announced to their communities that the two non-profit organizations had decided to pursue an opportunity to join together to form a new entity that would "foster the development and use of open source software that supports the academic mission". More specifically, the resulting foundation would promote the development and sustainability of multiple open source projects and communities of practice dedicated to exploring the use of open source systems, tools, and processes to support teaching, learning, research, and other aspects of the academic enterprise. Both boards felt that the similarities in goals, values, and practices between Sakai and Jasig could form the basis of a combined foundation which would be capable of providing far greater value to our communities than the sum of its parts.

To further these efforts, a Jasig-Sakai Joint Working Group (JWG) was formed and has been reviewing the legal, financial, governance and other issues that factor into the decision making process. See below for the JWG Mission and Charter which has been approved by both boards and which will provide more details on the work this group is now engaged in. It also provides information on a new Google Group the JWG has created as means to keep our two communities updated on our work, gather community feedback, distribute JWG meeting minutes and respond to questions. We would encourage anyone who is interested in following the progress of the JWG and providing input into the process to join the list.

Thanks,

Josh Baron Chair, Sakai Foundation Board of Directors Co-Chair, Jasig-Sakai Joint Working Group

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Mission and Charter

Since the October announcement, the two boards have formed a Joint Working Group (JWG) whose mission is to perform the work required to fully evaluate the processes and models by which we might effectively bring our two organizations together, seek input and feedback from the Jasig and Sakai communities, and prepare a detailed proposal for acceptance by the respective boards of directors and communities. Specifically, the working group will be responsible for the following:

- Establish procedures for communicating with the Sakai and Jasig communities to solicit input about the proposed partnership, set up appropriate avenues for dialog, provide relevant information, and report periodically on the status of the Joint Committee's work.

- Determine the most effective governance model for the new foundation.

- Reconcile membership models and design a new, optimized model for institutions, professional affiliates, and commercial entities.

- Develop policies and procedures for organizational and project governance.

- Perform due diligence regarding the mechanics and practicalities of joining the two organizations (e.g., finances, legal, licensing, etc.).

- Develop budget and staffing models.

- Draft a high-level proposal for additional tasks that would need to be performed by the new organization, e.g., rationalize infrastructure, web presence, collaboration environments and tools, etc.

- Develop a detailed proposal for joining the two organizations; present it to our communities and boards of directors.

The Jasig-Sakai Joint Working Group will meet regularly over the next several months to work on these activities. Sub-groups will be formed to work on specific deliverables. The group aims to complete its work by October of 2011.

Community members who have questions or who wish to comment on the evolving plans are invited to subscribe to the Google Group, "Jasig Sakai Collaboration". The JWG will periodically post documents, questions and ideas to this group for community feedback. If appropriate, a FAQ will be created to respond to regularly posted questions. To subscribe, go to http://groups.google.com/group/jasig-sakai-collaboration and click on the "Join This Group" link on the right.

We look forward to working together over the next several months and invite you to share your thoughts, questions, and concerns about this process, its objectives, and its deliverables.

Joshua Baron
Senior Academic Technology Officer
Marist College
Josh.Baron@marist.edu

4. Google Summer of Code 2011

Would you like to mentor a student over the summer, working on Sakai features you're interested in?

Google Summer of Code (GSoC) [0] is here again, and I've got the go-ahead from Ian at the Foundation to enter Sakai as a mentor organisation.

If you're on this list you can probably be a mentor. Why do it? Apart from the satisfaction of helping a talented student into Sakai and community source generally, you get a t-shirt and, if you want, an expenses-paid to the GSoC conference in Mountain View. Mentoring depends on you, the project and the student. It could need 2-3 hours a week, so you'll want your projects to be useful.

Please propose projects on the ideas page [1] in Confluence. Take a look at previous years' ideas pages to get the idea [2, 3].

The way GSoC works is Sakai proposes some ideas and mentors, Google accepts us as a GSoC org, then students apply to do projects from our ideas list, or propose their own projects. We get to choose who we accept - Google will allocate us a certain number of students, but if we don't get the right applicants we don't have to use our full allocation. Last year we had three students, you can see their projects on our GSoC blog [4]. I'm happy to do the admin, so as mentors you just have to do mentoring. Students get a stipend from Google and its expected that they'll be working remotely from their location.

I need to get Sakai's mentor org application in to Google by March 11th, so it would really help me if you post projects before then, but another deadline is March 28th when students can start applying [5].

Amyas Phillips
amyas@caret.cam.ac.uk

[0] Google Open Source blog http://google-opensource.blogspot.com/2011/02/mentoring-organization-applications-now.html
[1] 2011 Ideas page
https://confluence.sakaiproject.org/display/MGT/Google+Summer+of+Code+2011+ideas+list
[2] 2009 Ideas page
https://confluence.sakaiproject.org/display/MGT/Google+Summer+of+Code+2009+ideas+list
[3] 2010 Ideas page
https://confluence.sakaiproject.org/display/MGT/Google+Summer+of+Code+2010+ideas+list

[4] Sakai GSoC blog http://sakaigsoc2010.blogspot.com/2010/08/pencils-down-soon.html
[5] GSoC timeline
http://socghop.appspot.com/document/show/gsoc_program/google/gsoc2011/timeline

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5. Register Now for Jasig Spring 2011 - "Spotlight on Open Source"

Dates: May 23 - 25, 2011
Supplementary Seminars: May 22nd and 25th
Developer Days: May 26th - 27th

Westin Westminster
10600 Westminster Blvd.
Westminster, CO 80020 USA
Hotel Front Desk: +1-303.410.5000
Toll Free, Reservations only: 1.800.937.8461
Special rate reservation: http://bit.ly/fceB44
The conference program is now available at: http://www.jasig.org/jasigs-spotlight-open-source (Click the Program Tab).

Another Keynote announced!
Theresa Rowe, CIO for Oakland University, will share her insights on working with a university Purchasing Office to develop procedures putting open source applications on equal footing with proprietary ones during the procurement process.

Visit the Jasig Conference Site for more information: http://www.jasig.org/jasigs-spotlight-open-source

Register now! https://www.concentra-cms.com/c/jasigs-spotlight-open-source Early registration rates run out on April 22nd, so don't delay!

The Jasig conference is followed by the InCommon Advance CAMP: Identity Services Summit 2011, May 25 - 27 (same location, separate registration) The ACAMP program committee has invited all Jasig conference attendees to join them for the first half day's sessions on Wednesday afternoon, at no cost! ACAMP attendees, Jasig invites you to attend our Wednesday morning sessions, too!
Visit the ACAMP event site for more information:
https://spaces.internet2.edu/display/ACAMPIdSummit2011/Home

Two great conferences, one great location! If you register to attend both the Jasig Conference and Advance CAMP, you are eligible for a $50 refund on EACH of the conference fees. Send an email to ja-sig@concentra-cms.com when you've completed both registrations and the card you used will be credited back a total of $100, $50 for each conference. What a deal!

See you in Denver!

-The Jasig Spring 2011 Program Committee

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6. New Book about Sakai

Dear Sakai Community Friends,

I'm very glad to announce you that a new book about Sakai has been published. You can find a description at:

http://www.agapea.com/libros/SAKAI-ADMINISTRACION-CONFIGURACION-Y-DESARROLLO-DE-APLICACIONES-isbn-8499640672-i.htm

The book is about how to administer and set up a Sakai-based campus and also describes how to develop applications and services in a Sakai environment. You'll find there the summarized experience of Daniel Merino (Universidad Pública de Navarra), Raúl Mengod (Universidad Politécnica de Valencia) and myself, David Roldán Martínez (Universidad Politécnica de Valencia and Sakai QA lead for i18n).

March 30th 19.00 GMT+1 a public presentation will take place at Casa del Libro de Valencia (Spain) together with a visit from Ian Dolphin and Alan Berg(alias the "prologuer") to the Universidad Politécnica de Valencia and Sakai Spanish Universities (S2U) meeting. I also would like to thank Ian and Alan their attendance to the book presentation and their role as key note speakers during it. Of course, whoever wants to attend will be welcome.

Cheers,

David Roldan Martinez
darolmar@upvnet.upv.es

PS: ...I'm afraid almost all the text is hardcoded in Spanish so probably you will suffer some i18n bugs. Please, don't JIRA them.

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7. New Release of Profile2 in the 1.3 Series

Version:
Profile2 1.3.14

Description:
Profile2 is a complete re-design and re-development of the existing Profile tool in Sakai. It gives you more of a Facebook style interface for editing your profile.

In addition you have a comprehensive set of Privacy controls to allow you to choose who can see what part(s) of your Profile.

With Profile2 you can post updates (integrated with Twitter), search for people with common interests, view their profiles, view their connections, add them as a connection, and much more.

Profile2 can be run seamlessly alongside the existing profile in Sakai and integrates with the Roster tool.

Works with:
Sakai 2.4, 2.5, 2.6, 2.7, 2.8

Database upgrade:
This release requires a minor database upgrade. You will need to apply the relevant upgrade script that is located in the /docs/database directory of the source code, or from here for those using the automatic binary installation:
https://source.sakaiproject.org/svn/profile2/tags/profile2-1.3.14/docs/database/

Availability:
SVN: https://source.sakaiproject.org/svn/profile2/tags/profile2-1.3.14/
Binaries: https://source.sakaiproject.org/maven2/org/sakaiproject/profile2/

Deployers running Sakai 2.7 should perform the following steps to upgrade:
1. Update the <sakai.profile2.version> in $SAKAI_SRC/master/pom.xml to 1.3.14
2. Remove profile2-help-.jar and profile2-api-.jar from $CATALINA_HOME/shared/lib
3. Rebuild/redeploy the core-deploy project to fetch the new release and install it into Tomcat
4. Apply the database patch

Deployers building from source should perform the following steps:
1. Checkout the 1.3.14 tag using the SVN link above
2. Remove profile2-help-.jar and profile2-api-.jar from $CATALINA_HOME/shared/lib
3. Build and deploy the 1.3.14 tag
4. Apply the database patch

Highlights:

This is a maintenance release which fixes a number of minor issues identified in the 1.3 branch, including phone number validation and UI display issues. It also adds a Simplified Chinese translation and an updated Russian translation.

For full details of the features and fixes in this release, see:
http://jira.sakaiproject.org/secure/IssueNavigator.jspa?reset=true&pid=10500&fixfor=11948

And as always, for full installation and configuration instructions, see:
http://confluence.sakaiproject.org/display/PROFILE/Profile2

Known issues:
None

Acknowledgements:
Thanks to the following Sakai community members (in no particular order) for their involvement in this release:
Alan Berg
Seth Theirault
Gao Jun
Bryan Holladay
Matt Clare
Mike Ozornin

License:
Profile2 is released under the Educational Community License Version 2.0

Steve Swinsburg
steve.swinsburg@gmail.com

8. 1.1 release of the Sakai Connector Portlet

Hi all,

I am very pleased to announce the 1.1 release of the Sakai Connector Portlet. This portlet implements the IMS Basic LTI specification and allows a user to render any tool from a Sakai environment, as a full featured application within uPortal. The portlet is completely user configurable -- users can choose from what site and what tool they want to render. Administrators can restrict the rendering of certain tools as desired.

This release brings a number of new features including remote session and launch data caching, and improved OAuth signing.

More information including screenshots and a comprehensive installation guide are available here:

https://wiki.jasig.org/display/PLT/Sakai+Connector+Portlet

Cheers,

Steve Swinsburg
steve.swinsburg@gmail.com

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9. Educational Technology Use Survey

Hebrew Union College is putting together a survey to assess technology use and effectiveness. Does anyone have a great survey they have used that we can review? Or a suggestion for a place we can look?

Please email me directly. Thanks!

Best,

Kenna Cottrill
kcottrill@huc.edu

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10. Carl Hall Named a Committer on the Apache Sling Project

"Hallway Technologies is pleased to announce that our own Carl Hall has accepted an invitation from the Apache Sling PMC to be named a committer on the Apache Sling project. We are very proud of Carl's hard work and dedication to the Sling project, which is a foundation of Sakai OAE. Please join us in congratulating Carl!

For more information on Sling visit their site: http://sling.apache.org/ and keep up with all the HT current events by visiting www.hallwaytech.com/news"

Michelle Hall
Owner
Hallway Technologies
404-513-6616
michelle@hallwaytech.com

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11. Job Openings with Sakai OAE at UC Berkeley

UC Berkeley has posted two 12-month positions to work on the Sakai OAE
(nee Sakai 3) project. These are great opportunities for a couple of
talented individuals to influence and make a real contribution to the
development of a future-looking platform. Please pass the word along.

Senior User Experience Designer (UX4)
Job #11962
http://ets.berkeley.edu/jobs/ux-designer

Senior Front-End Web Applications Programmer (AP4)
Job ID #11965
http://ets.berkeley.edu/jobs/sr-web-applications-programmer

To apply, visit http://jobs.berkeley.edu and search using the Job ID
provided above.

Feel free to contact me directly for any additional details. Thanks,

Oliver Heyer
Manager, Learning Systems Group
Educational Technology Services
UC Berkeley
(510) 529-5177
oliver@media.berkeley.edu

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12. Sakai Developer Position at Samoo in Valencia, Spain

Hi all,

We are very close to starting some new Sakai implantation projects,
so we are searching a Sakai developer to work in our company (Samoo). We are
in Valencia (Spain) and the job is here at our office. Valencia is a
beautiful city with a very good quality of life: good beaches for the summer, good climate
all the year, good food, not too expensive,
beautiful people, party, culture, history. We can talk about remote work in
some specific circumstances (if you are from Colombia it can be possible),
but our interest is to have you with the rest of the team here in Valencia.

- We want someone with at least 2 years of (real) experience
developing for Sakai. We want to know what you have done in Sakai, so
please, tell us in a letter your experience, your studies, what you like to
do.

- We need that you understand Sakai not only as a developer, we need
you to understand the pedagogical part of Sakai too. If you know something
about instructional design it will add an extra score!

- It will be good too (not mandatory) if you have good knowledge
about systems, because we do the installations in the client's systems or in
hosting, not only development.

- In our office we speak Spanish, but we know English too, so
language is not a problem. (Spanish or English. Both is better.)

If we don't know you previously from the list, we will do some test questions. (Don't be
nervous, if you know Sakai you will pass the test easily.)

We don't have problems about race, nationality or sex. (Women are really
welcome in Samoo ;). If we finally choose you and you are not form European
Community, we will try to arrange your papers to come here for working. I
imagine that from some countries it will be easier than from others and
maybe this will be impossible in certain cases, but we will try!

What's Samoo?

Samoo is an Spanish company (just in process of becoming a Sakai Commercial
Partner) that is dedicated exclusively to offering Sakai services. We develop
new tools, integrate Sakai with other software, and install Sakai in
different environments. We do support, too, and other related services. We are
working with seven universities in Spain and we have other non-university
customers, too, in Spain and outside Spain (Colombia, Costa Rica and USA).

So, if you are a good Sakai developer, if you want to work in a young company
and grow with us, and you want to come to Spain (we don't take siestas and
we are not all toreros -- that's all false), send your resume to
diego.delblanco@samoo.es and we will talk about details of the work.

Actually this is an open process and we don't have hurry so we don't need
you to change your work tomorrow. You have time to think about this
and talk with us about all the details.

Thanks.

Diego del Blanco Orobitg
Director de operaciones
diego.delblanco@samoo.es
Tlf: 963 936 915 - 653 683 489

13. University of Michigan Job Opening: Sakai OAE Quality Assurance Lead

All,

The University of Michigan is seeking an exceptional Quality Assurance Lead to work on the Sakai OAE project (see position details below). This position will be hired and paid for by U-M and seconded to the Sakai Foundation. Although the location indicates Ann Arbor in the posting, we will consider qualified candidates located elsewhere.

To apply for this position through April 01, 2011 (posting end date), please visit http://umjobs.org/ and search for Job ID 55911. Please apply through the U-M employment website.

For more information about building your career at the University of Michigan, please go to www.UMjobs.org and select "Why Michigan". A Non-Discriminatory/Affirmative Action Employer.

This posting may be forwarded provided this preamble and the information below is included.

Thanks,

Sean DeMonner
demonner@umich.edu

Job Opening ID: 55911
Working Title: Quality Assurance Analyst Senior/Intermediate
Job Title: QA Analyst Senior
Work Location: Ann Arbor Campus, Ann Arbor, MI
Full/Part Time: Full-Time
Regular/Temporary: Regular
Department: ITS AIS Teaching and Learning
Posting Begin/End Date: 3/18/2011 - 4/01/2011
Salary: $53,000.00 - $74,000.00
Career Interest: Information Technology

Quality Assurance Analyst Senior/Intermediate

How to Apply

A cover letter is required for consideration and should be PAGE ONE of your resume. The cover letter should address your specific interest in the position and outline skills and experience that directly relate to this position. Please include your current or ending salary.

Job Summary
Information and Technology Services (ITS) is seeking a Quality Assurance Analyst, Senior or Intermediate level, within the Teaching and Learning department of AIS (Application and Information Services). This position will end June 30, 2013. The incumbent generally lead large or multiple small complex quality assurance tasks including the development and execution of test plans, scenarios, scripts, or procedures. Documents all problems and assists in their resolution. Acts as an internal quality consultant to advise or influence business or technical partners. Conducts effective communication with co-workers, teams, business offices, and subject matter experts (SMEs). Effectively presents technical explanations to management, team members, and users in a way that is understood by all. Provides training, documentation, guidance and assistance to other staff to accomplish objectives.

THIS IS AN END-DATED POSITION. POSITION ENDS ON JUNE 30, 2013.

This end-dated position may be filled at the Senior level ($56,000 to $74,000) or the Intermediate level ($53,000 to $69,000). Starting salary and position are dependent upon the qualifications and experience of the selected candidate. The requirements listed below reflect the Senior level, but those with lesser experience are also encouraged to apply.

Responsibilities
Represents the U-M development team's effort to the broader development team. Works closely with developers all over the world. Provides status reporting information to local U-M constituencies and makes presentations to local audiences. Builds coalitions in the Sakai Community around areas that are of concern to U-M. Drives and influences development and design in web applications and an open source context.

Develops, writes, and executes reusable test plans to ensure the delivery of quality software applications. Develops testing programs that address areas such as functionality, database impacts, performance, usability, error or bug retests, security, compatibility, and scalability. Writes test cases, scenarios, and scripts. Designs and develops automated testing tools. Documents test procedures to ensure replicability and compliance with standards.

Develops or specifies standards, methods, or procedures to determine product quality or release readiness. Acts as a team-wide driver of quality across the product. Identifies deviance from standards and suggests modifications to ensure compliance. Works collaboratively with project management and team members to ensure the planning and execution of deliverables meet the objectives of the project. Plans test schedules or strategies in accordance with project scope or delivery dates. Provides status updates and

updates databases and logs in accordance with established methodologies. Provides input to ensure the planning and execution of deliverables meet the objectives of the organization and the customer.

Drives bug bashes and test pushes to ensure product quality. Estimates staff resource needs for user or third party testing and secures resources commitments from both within and outside of the organization. Leads bug review meetings. Monitors bug resolution efforts and tracks successes. Documents quality issues/software defects, using a bug tracking system or other established methodology, and reports issues to developers. Participates in product design reviews to provide input on functional requirements, product designs, schedules, or potential problems. Performs initial debugging procedures by reviewing configuration files, logs, or code pieces to determine breakdown source.

Required Qualifications
Bachelors degree in a related field and/or equivalent combination of education, certification and experience.
4 years of related experience in systems development or system testing.
Web-based client-server application experience and understanding of state-of-the-art web application design.
Proven ability to lead project teams to meet customer expectations.
Demonstrated understanding of client relationship management.
Understanding of and experience with iterative development methodologies.
Experience in at least two of these areas: Security, Performance, Test Automation, Accessibility, and Globalization.
Experience in some or all of Java, JavaScript, JSON, Apache Sling, Jackrabbit, Lucene.

Demonstrated ability to communicate effectively, both verbally and in writing.
Demonstrated successful performance with, giving presentations to both small and large audiences.
Proficient with word processing, spreadsheet, and database applications.
Excellent analytical and independent problem solving skills.
Ability to work independently and assume a broad range of responsibility.
Demonstrated ability to learn new software and methodologies. Demonstrated ability to understand technical information and communicate it to others using clear, concise, and user-friendly language.
Strong organizational skills and the ability to successfully complete multiple tasks within established and changing deadlines.
Ability to contribute and collaborate effectively as a member of a highly-functioning and productive team.

Desired Qualifications
Ability to play an active role in the U-M local Sakai Open Academic Environment (OAE) efforts including:
-Represent U-M development team's effort to the broader development team.

-Provide status reporting information to local U-M constituencies and make presentations to local audiences.
Ability to design and test efforts on U-M focused development work, including Hybrid Mode LTI integration between Sakai Collaboration and Learning Environment (CLE) and OAE.
Experience using quality control of entire OAE product.
Ability to build coalitions/relationships in Sakai Community and around areas such as Hybrid Mode, scaling, integration, etc.

U-M EEO/AA Statement
The University of Michigan is an equal opportunity/affirmative action employer.

Sean DeMonner
Assistant Director
Teaching & Learning, AIS, ITS
3350 Duderstadt Center
University of Michigan
demonner@umich.edu
(734) 615-9765

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14. Events

Jasig's "Spotlight on Open Source"
Monday, May 23 through Wednesday, May 25, 2011
Westin Westminster Hotel, Westminster, CO

Sakai North American Conference
June 14 -16, 2011
Westin Bonaventure, Los Angeles.
June 13 and 16 - pre-conference workshops and project coordination meetings
www.sakaiproject.org/sakai-conference-2011