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FOUNDATION AGM

Developing | Presentation

Projects: Other

Presenters:

Ian Dolphin, Apereo Foundation

Abstract Summary: Foundation AGM - Description to be added.

Sakai or Teaching

BETTER DESIGN THROUGH USER RESEARCH - TIPS AND TRICKS FOR CONDUCTING USABILITY TESTING

Sakai or Teaching | Growing | Presentation

Projects: Sakai

Presenters:

Wilma Hodges, Longsight

Xavier Laurent, Oxford University

Francesca Socolick, NYU Steinhardt

Dede Hourican, Marist College

Jennifer Loudiana, Walsh University

Laura Cira, University of Notre Dame

Abstract Summary: This presentation will discuss the value of usability testing as part of the software development process, and provide a brief overview of some of the UX testing conducted recently by the Sakai UX Working Group. Best practices for creating test scripts be shared, as well as tips on how to conduct your own usability testing, and how to get your user feedback into the hands of developers. Attendees will learn practical testing strategies that they can employ right away at their own institutions, and have the opportunity to participate in a brief, interactive usability activity.

SAKAI VIRTUAL CONFERENCE: HELPING FUND THE FUTURE OF SAKAI

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Wilma Hodges, Longsight

Jonas Lindholm, Umea University

Matthew Jones, Longsight

Trisha Gordon, Univ. of Virginia

José Mariano Luján González, University of Murcia

Adam Marshall, Oxford

Abstract Summary: This session will provide an overview of how the funds from the Sakai Virtual Conference 2015 will be used toward Sakai development. We will cover the deliberation process for selecting the target and defining scope of the project. We will also report on development progress to date and give a live demo of any features currently available for preview. This is a group presentation from the Sakai Virtual Conference 2015 Funds committee.

BUILDING SAKAIGERS: STUDENT AS QA TEAMS

Sakai or Teaching | Sharing Stories | Presentation

Projects: Apereo OAE, Sakai, Other

Presenters:

Dede Hourican, Marist College

Abstract Summary: Building Sakaigers: Student as QA Teams At any institution, QA testing resources are always in short supply. Using student staff, the Academic Technology department at Marist College builds quality assurance testing teams for Sakai and beyond. Software quality assurance testing is always needed, yet few institutions have the resources to devote to this important task. In this session we will show how student staff teams are used to perform testing, contribute to an successful software implementation and be a sustainable and cost effective model for the open source community. The session will include details about set-up (hardware and software), training, communication tools, processes and procedures along with tips and tricks for modeling at your institution.

NWU-SAKAI MOVE(S) OFFLINE

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Ciellie Jansen van Vuuren, North West University South Africa

Adelle Lotter, North-West University

Kobus le Roux, North-West University

Abstract Summary: Having Sakai learning and other content offline is a great advantage to students, especially in South Africa, where bandwidth is not so readily available and expensive. The NWU has 3 campuses as well as a distance Learning Unit. The profiles of the students are varied and solutions to meet all the requirements are a real challenge. Furthermore, the Department of Higher Education and Training of South-Africa set challenging targets for increasing enrollment to universities. This will have an impact on the NWU. eFundi MOVE (the NWU Sakai offline APP) attempts to address these issues but we are sure that it could be a worthwhile development for many other institutions using Sakai. This presentation will address: 1. Development scope 2. Demonstration of the offline applications: • MS Word import, export and an EPUB3 export within the Lessons tool • Offline availability of three Sakai tools 3. Lessons learned • Marketing • Training • Support • User feedback • Hiccups 4. Road map

USING CUSTOM LESSONS CSS TO MAKE NEAT COURSES

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Paul Dagnall, University of Dayton

Abstract Summary: The University of Dayton E-Learning Lab was tasked with developing a course template for a new blended program. They successfully created an attractive, stylish look in the Sakai Lessons tool using a custom cascading style sheet (CSS). Furthermore, they designed the course template to remove the most common obstacles that online students face. Among others, the most critical was to remove the case where students aren't sure what to do. Dayton's techniques were validated by very positive student survey data. This session will demonstrate the technical side of how this was accomplished and also discuss some of Dayton's instructional design approaches.

A NOVEL ENDEAVOR: CREATING AN ATTENDANCE TOOL

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Leonardo Canessa, University of Dayton

Julianne Morgan, University of Dayton

Abstract Summary: The University of Dayton (UD) is developing an Attendance tool (AT) to respond to our faculty's request for attendance tracking integration within Sakai. An online AT enables faculty to monitor student performance during the semester with simple reporting and Gradebook integration. The AT offers flexibility for a variety of attendance-recording approaches. Faculty have the ability to enter attendance items (AI) in multiple manners, such as clicking a button to generate an AI for that date and time. A commenting feature allows faculty to record notes for each AI. Students have access to their own attendance record. This presentation will share the story of developing the AT from the unique perspectives of a developer and a support specialist. The presentation will also demo and discuss the iterations of the tool and provide a platform to discuss next steps and new features. Audience participation is welcomed, as well as suggestions for future feature development.

REAL-TIME COURSE DATA SYNCHRONIZATION IN SAKAI

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Christopher Schauer, Texas State University

Jeff Snider, Texas State University

Abstract Summary: Synchronizing course data with Sakai is a large task. While nightly updates are reliable and easy to implement, real-time updates provide a better user experience and more flexibility. Come take a comprehensive look at Texas State University's real-time integration between Sakai and Banner. The first half of the presentation will feature cmprovider, a RESTful API for accessing and modifying course management data in Sakai. It's built using the entity provider system and the generic course data models found in cm-service. Cmprovider is new in Sakai 11 and is fully compatible with Sakai 10. In the second half, we'll focus on the details of our open source Banner integration and how other institutions can tweak it to fit their course model. Institutions using other SIS solutions can use it as a reference for creating their own integrations using cmprovider. Code discussed in this presentation can be found on our github page at github.com/txstate-etc.

GETTING THE MAXIMUM OUT OF YOUR DATA -- INTERACTIVE ANALYTICS REPORTING

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Yuanhua Qu, Texas State University

Whitten Smart, Texas State University

Abstract Summary: We need to use analytics to gain knowledge from our users through their data and optimize our services. Sakai is rich in data and tools especially after you use it for a few years with tons of users, sites and activities. We want to take advantage of those rich data sets and use it to generate various reports to help our administration evaluate our product and observe customer usage to guide our support and development focus; Even sakai user could also benefit from the report reflecting his/own concern or interest. We are using a commercial business analytics platform called Logi to create rapidly interactive reporting applications for our sakai usage (not limited to sakai, could be any system with data source). In this presentation, we will introduce the need, the capabilities of our reporting system using sakai as an example of data source, and will also provide a live demo of using this analytics reporting application.

UNITIME: STATE OF THE PROJECT

Sakai or Teaching | Developing | Presentation

Projects: UniTime

Presenters:

Tomáš Müller, Purdue University

Abstract Summary: UniTime is a comprehensive educational scheduling system that supports developing course and exam timetables, managing changes to these timetables, sharing rooms with other events, and scheduling students to individual

classes. This session will provide a brief description of the project and its current state. We will discuss the latest enhancements and features of the newly released UniTime version 4.1, current road map, and some of the features planned for the next release.

TURNING LMS LIMITS INTO STRENGTHS: REPURPOSING FORUMS AND CHAT ROOM

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Jp Borum, NYU Liberal Studies

Imani McCray, LS/NYU

Byron Imani, LS/NYU

Abstract Summary: I'll present a case study of my gamified use of Forums and Chat Room "F&CR" to support students' exploratory repurposing of Tumblr, G-Maps, and Weebly, a project undertaken to support learning outcomes in a first-year writing class. I launched a game that challenged students to use the limits of F&CR to solve problems as we moved rapidly between our course site and external sites. What began as a playful use of F&CR quickly led to occasions for problem-posing learning. Otherwise passive learners assumed leadership roles by pitching ad hoc hacks to gather data sets, media, and urls in F&CR. A project manager embedded protected CR portals on our Weebly, enabling effective communication to support the speedy growth of that site. We came to see the limits of LMS tools as strengths. I'll speak constructively to the ambivalence my fellow instructors feel about LMS tools. I'll call on them to gamify problem-solving within the LMS, and to challenge students to do the same, only better.

LESSONS LEARNED FROM USING LTI INTEGRATIONS

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Robert Egan, New York University

Shubham Bajpai, NYU

Abstract Summary: This presentation will cover a brief overview of what Learning Tool Interoperability is and how it is used with Sakai. We will then cover the LTI Integrations that are being used at NYU and go through the life cycle from conception to full scale support. We will leave fifteen minutes for questions.

ADVENTURES IN DISAGGREGATION

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Bob Squillace, nyu

Abstract Summary: The disaggregation of the LMS is not just on the horizon, it is happening now. The new sort of teaching and learning environment it creates calls for the formulation of a set of best-practice principles for teaching in such an environment. How does an instructor or instructional technologist navigate among the many tool options for accomplishing similar purposes? How does one ensure that students do not suffer from platform fatigue when they might in a single week and in the same course use native LMS tools and several third-party apps? This presentation will describe the instructor's experience of using a Sakai LMS shell in conjunction with a number of other tools routed through it (some via LTI), such as Google Drive and Calendar, WordPress, and VoiceThread; share survey data on how students responded to the experience; and involve the audience in reviewing and revising a draft best-practices document that might be shared with the T&L Committee for their further consideration.

A FLIPPED CLASSROOM EXPERIENCE USING SAKAI

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Raul Mengod, Universitat Politècnica de València

Juan Carlos Morales, Universitat Politècnica de València

Carlos Turró, Universitat Politècnica de València

Abstract Summary: Often teachers complain about the lack of student engagement. On the other side, students are willing to engage in active learning and they talk about the monotony of the teachers and the limited use of technology in the classroom. Flipped classroom comes to help with this, where students actively participate and create knowledge. After a short and successful pilot experience during last year, Flip Teaching is now settled down in our University. More than 200 subjects are using this methodology. Previous experiences acquired in our MOOC platform pushed the use of videos to author e-learning contents, also the home grown platform (polimedia) to record and distribute videos and the repository of more than 6000 videos helped with this. Based on the Lesson Builder tool, the new sites for Flip Teaching are constructed using a mix of video, readings, and other Sakai tools like assessments or assignments together with the creation of new templates that offer a new style and more usable views.

TWO (CONCRETE) EXAMPLES OF HOW ESUP-PORTAIL CONTRIBUTES TO OPEN SOURCE SOFTWARE FOR THE HIGHER ED COMMUNITY

Sakai or Teaching | Growing | Presentation

Projects: Apereo OAE, Other

Presenters:

Alain Mayeur, ESUP-Portail / Université de Valenciennes

Frederic Dooremont, ESUP-Portail / Université du Littoral Côte d'Opale

Mathilde Guerin, ESUP-Portail / Université de La Rochelle

Abstract Summary: In this presentation, we will focus on our ongoing work on OAE and Agimus-NG, two major projects supported by the ESUP-Portail Consortium. > About OAE: Providing tenants for several French institutions on our own nationwide instance has given us the opportunity to identify actual use cases and encouraged us to start developing our own widgets. In this session, we will give an overview of the current state of project implementation in France and then go over all the work we have been doing on OAE: widgets development, tutorial videos, etc. > About Agimus-NG: The objective of Agimus-NG is to produce statistics to observe -and follow the evolution of- the use of digital services on different scopes. This presentation will highlight the strengths of Agimus-NG, both technically and functionally, eventually showing why the indicators provided by this platform can improve the end-users service quality and assist institutions in their steering decisions in regards to digital services.

XERTE 3.1 BIGGER, BETTER AND MORE RESPONSIVE

Sakai or Teaching | Developing | Presentation

Projects: Xerte

Presenters:

Fay Cross, The University of Nottingham

Abstract Summary: Xerte Online Toolkits is a free, open source and award winning suite of browser-based tools that allow absolutely anyone with a web browser to create mobile friendly, highly accessible and interactive learning materials quickly and easily with no need for specialist skills. In this session, the developers will provide an overview of the current state of the project, introduce you to the changes and new features introduced in Xerte over the past year and discuss the project's future plans. The past twelve months have been an exciting time for The Xerte Project; our first release (v3.0) as an Apereo Community project introduced a powerful new editor for authoring projects and was incredibly well received by the Xerte community. Now the recently released v3.1 consolidates this step forward, bringing with it numerous other improvements including several new interactive page types and the option of creating more responsive projects.

THE NEW STATE OF PLAGIARISM IN SAKAI

Sakai or Teaching | Growing | Presentation

Projects: Sakai

Presenters:

Sam Ottenhoff, Longsight

Matthew Buckett, University of Oxford

Earle Nietzel, Longsight

Abstract Summary: Sakai's content review (or plagiarism detection) service is improving both behind the scenes and in front of users. Changes to the Sakai code-base now mean that it is much easier to enable content review - one only needs to set a property. Institutions have a choice between VeriCite and a new IMS LTI-based integration with Turnitin. This talk will highlight Sakai's unique approach to the integration of third party content review services which offers a better end-user experience than most other Learning Management Systems. It will also compare and contrast the two main back-end solutions (VeriCite and Turnitin). The talk is a joint presentation between Oxford University and Longsight who are Sakai Commercial Affiliates.

TEACHING AND LEARNING INNOVATION AND THE LMS

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Cheryl Brown, University of Cape Town

Salwa Khan, Texas State University

Luisa Li, Marist

Abstract Summary: An analysis of the past 4 years of TWSIA in terms of the innovation rubric focusing on student engagement and community building; communication; learning materials and strategies; learning outcomes and assessment and learner support.

SAKAI 11 AND BEYOND

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Neal Caidin, Apereo Foundation

Laura Gekeler, University of Notre Dame

Robert Long, Unicon

Josh Baron, Marist College

Jeff Pasch, NYU

José Mariano Luján Gonzalez, University of Murcia

Abstract Summary: Sakai 11 is a big change for Sakai in a number of ways. First, Sakai 11 is responsive, meaning it is designed to support mobile devices and tablets, in addition to desktop. Second, Sakai 11 has evolved its core tools significantly, in some cases by making a tool easier to use by orders of magnitude, like in the new Gradebook tool, in other cases by improving capabilities, like in our much heralded Lessons tool. And what comes next? What does the future hold for our community and our learning system? How does Sakai fit in with the direction of Apereo? Please join us as we update you on the latest on the project, and provide interesting options for Sakai's roadmap and relevance.

OPENCAST: PROJECT UPDATE

Sakai or Teaching | Growing | Presentation

Projects: OpenCast

Presenters:

Stephen Marquard, University of Cape Town

Jody Fanto, Harvard University Division of Continuing Education

Abstract Summary: Opencast (opencast.org) is the free and open source solution for automated video capture and distribution at scale. This presentation will introduce the Opencast project and ecosystem, highlight significant achievements and developments over the past year, and outline the roadmap for new features and capabilities.

KARUTA 2.0: A FLEXIBLE TOOL FOR ALL YOUR PORTFOLIO PROJECTS

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai, Karuta

Presenters:

Janice Smith, Three Canoes LLC

Jacques Raynauld, HEC Montreal

Shoji Kajita, Kyoto University

Sean Keesler, Three Canoes LLC

Abstract Summary: Experience the latest enhancements to version 2.0 of the Karuta Open Source Portfolio. Karuta 2.0 features a completely new and customizable user interface and dramatic improvements that include social networking (based on the open source solution ELGG), improved sharing options, presentation templates, dashboards, and enhanced reports using CSV export. The built-in flexibility of Karuta, its template library, and its display using responsive design makes it an ideal tool for all your portfolio projects. Numerous use cases from current partners in the project will be presented including one from a MBA program and another using the complete set of AACU Value Rubrics.

13 WAYS TO USE XERTE 3.1 FOR FLIPPED LEARNING & DIGITAL STORYTELLING

Sakai or Teaching | Sharing Stories | Presentation

Projects: Xerte

Presenters:

Inge Donkervoort, Xerte Project

Abstract Summary: Title: 13 ways to use Xerte 3.1 for flipped learning & digital storytelling Type: Presentation Xerte Online Toolkits is a free, open source and award winning suite of browser-based tools that allow absolutely anyone with a web browser to create mobile friendly, highly accessible and interactive learning materials quickly and easily with no need for specialist skills. In this session the members of the Xerte Community will show how you can use Xerte Online Toolkits to create learning modules that can be used for flipped classroom learning and how every teacher can use Xerte Online Toolkits for digital storytelling in the classroom. The modules can be used on a website, learning environment or stand alone.

APEREO FARM - PLANTING PROJECTS AND WATCHING THEM GROW!

Sakai or Teaching | Growing | Presentation

Projects: Apereo OAE, Bedework, CAS, Incubator, Karuta, OpenCast, Portlets, Sakai, Student Success Plan, uMobile, UniTime, uPortal, Xerte, Other

Presenters:

Neal Caidin, Apereo Foundation

Diego del Blanco, Scriba / Apereo

Wilma Hodges, Longsight

Jeff Pasch, NYU

Abstract Summary: FARM stands for Funding and Resource Management. Its the new cool way all the hipsters are launching projects to improve existing Apereo projects. Come to this hybrid session that is half hands on and interactive and half presentation. A perfect mix to help you get started with your new ideas for your favorite Apereo projects!

OPENCAST IN THE CLOUD AT HARVARD'S DIVISION OF CONTINUING EDUCATION

Sakai or Teaching | Developing | Presentation

Projects: OpenCast

Presenters:

Jody Fanto, Harvard Division of Continuing Education

Henry Leitner, Harvard Division of Continuing Education

Abstract Summary: The mission of Harvard's Division of Continuing Education (DCE) is to extend Harvard to part-time learners with the academic ability, curiosity, and drive to succeed at Harvard. To serve students, both local and afar, Harvard DCE uses Opencast to capture, process, produce, and distribute content to thousands of students around the globe each semester. This talk will include a case study of Harvard DCE's needs, including our stringent reliability, redundancy and video quality requirements, and how Opencast addresses those needs. It will also cover our current Amazon Cloud (AWS) based Opencast implementation, the cloud services we use, and the capture hardware we install in classrooms. It will cover our architecture, the innovations and tools we've developed to meet our high reliability and quality requirements, and the challenges we overcame in moving our Opencast systems into AWS. Finally, it will cover our eagerness to work with other universities to drive Opencast adoption.

SAKAI FROM THE BEGINNING (TIPS FOR A NEW SAKAI DEVELOPER)

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Matthew Jones, Longsight Inc

Earle Nietzel, Longsight Inc

Robert Long, Unicon Inc

Abstract Summary: This session is intended as a new version of the previous Sakai bootcamp, with more focus on getting a new potential developer up to speed with how to checkout, build and contribute to being a Sakai developer. The session will be split up into 3 parts.- How to check out the the most recent version of Sakai code, build, deploy and start it- How to set it up in an IDE for development purposes- How to create a pull request in github and commit changes backSome basic level of Java, Javascript or other programming would be helpful to better understand the material and eventually work on Sakai but is not required for the session.

EXCITING NEW FEATURES FOR A SAKAI ADMINISTRATOR

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Matthew Jones, Longsight Inc

Earle Nietzel, Longsight Inc

Robert Long, Unicon Inc

Abstract Summary: This session is intended to get both new comers and veterans alike up to speed on administrative features of Sakai. Newly added and less commonly used features of Sakai to aid in system administration will be covered. Topics that may covered include:- Upgrading to the latest version of Sakai 11- Setting up Delegated Access- The new public address system- Using course templates- Customizing the Morpheus UI- Changing UI text (without code changes)- Back-filling permissions- Configuring the new elastic search tool- New web services and quartz jobs- And possibly more!

A NEW GRADEBOOK FOR SAKAI 11

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Jeffrey Pasch, NYU

Jeff Pasch, NYU

Kyle Blythe, NYU

Abstract Summary: A redesigned Gradebook tool will be available as part of the upcoming Sakai 11 release. This is the result of a community project, supported by NYU, Notre Dame, SCRIBA, and Longsight. The new Gradebook provides easier and faster grading capabilities via a spreadsheet-style interface, consolidated import/export functionality, and improvements to the overall user experience. This session will provide an overview of the completed tool and the user-centered design methods used in its development. There will be a focus on accessibility and user experience, from both a testing and development standpoint. In

addition, we will discuss lessons learned from the Gradebook project, which may inform future community projects as part of the new FARM initiative.

IMPROVING THE SAKAI RESOURCES TOOL

Sakai or Teaching | Growing | Presentation

Projects: Sakai

Presenters:

Kyle Blythe, New York University

Jeff Pasch, New York University

Abstract Summary: The Resources tool in Sakai is a fundamental component of the LMS. As the system's file repository, it houses documents, images, and other files in course and project sites. In many cases, it is the primary tool used for delivering online content in Sakai. While the user experience of Resources has been improved by the addition of drag-and-drop functionality, the overall user interface and user experience requires improvements in order to keep pace with other web-based file repositories in the marketplace. This session will provide an overview of the changes proposed for a FARM (i.e., community) project to deliver a significantly improved Resources tool in Sakai 12, by incorporating features that have become standard in other web-based file repositories. These include inline document previewing, persistent URLs for uploaded content, and additional drag-and-drop capabilities.

PILOTING A NEW INTEGRATION BETWEEN SAKAI AND GOOGLE FOR EDUCATION

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Jeffrey Pasch, NYU

Mark Triggs, NYU

Julio Macavilca, NYU

Kyle Blythe, NYU

Abstract Summary: As the applications used in teaching and learning increase in number and kind, the need for integrations between systems is stronger than ever. To help address this need at NYU, we are piloting a new integration between Sakai and Google for Education. In this session we will demo the integration and discuss opportunities for collaboration to build upon this work. The integration provides instructors with the ability to create Google Groups based on rosters from their course sites via a new tool in Sakai. As a site's membership changes, the corresponding Google Group's membership is automatically kept in sync. This is accomplished using custom Sakai code to track changes to group membership, which are then replicated to an Internet2 Grouper directory and then to Google. The resulting Google Group email address(es) can be used to share Google Drive content, Calendars, Sites, and more with the members of a course site or with specific groups within a site. <https://youtu.be/BFXQgq9j-Os>

GETTING STUDENTS INVOLVED IN OPEN SOURCE SOFTWARE

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Charles Severance, Longsight

Colin Chen, University of Michigan School of Information

Abstract Summary: This will be a report from an independent study course at the University of Michigan School of Information which set out to introduce a student programmer to developing and contributing to in Sakai. We will look at the barriers that needed to be overcome, what we learned along the way, and what was accomplished.

INTRODUCING THE TSUGI LEARNING APPLICATION FRAMEWORK

Sakai or Teaching | Facing Forward | Presentation

Projects: Other

Presenters:

Charles Severance, Longsight

Abstract Summary: s presentation will introduce attendees to the Tsugi project. Tsugi intended to be the worlds first open source implementation of the Next Generation Digital Learning Environment (www.ngdle.org) as proposed by Malcolm Brown and others. Tsugi is a set of libraries and frameworks that enable the rapid development of scalable learning applications that can be placed in an interoperable application store. These tools are not limited to use in Sakai but can be used in any LMS that supports IMS LTI 1.1, LTI 2.1, or Content Item. There are Tsugi libraries under development for PHP, Java, and Node.js.

INCUBATION

Sakai or Teaching | Developing | Presentation

Projects: Other

Presenters:

Ian Dolphin, Apereo Foundation

Jaeques Koeman, EDIA

Abstract Summary: The Apereo Incubation process helps grow new Apereo communities, and guides them through some of the early steps of becoming a successful open source community. This session will explore some of the successes of the past, and discuss the needs of the future. Come and learn more about this vital Apereo process, and how you could both contribute to it, and learn from it.

SUPPORT REPORT

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Robert Egan, New York University

Abstract Summary: This session will go into the details of the support structure for Sakai at NYU. It will cover how issues are logged and tracked, review of support methods, and faculty involvement for changes. There will be time left at the end of the session for questions.

CONTENT PACKS: SHORT, ENGAGING MULTIMEDIA MODULES IN SAKAI

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Lexie Bryan, NYU Tandon School of Engineering

Yona Jean-Pierre, NYU Tandon School of Engineering

Abstract Summary: Take a dive into teaching and learning with the Sakai Lessons tool for course supplements and student support services. Content packs developed out of a challenge to reduce excess presentation time and leverage the online space for tasks and activities. The solution became a flexible model for building short online modules where learners can interact with media and peers in NYU Classes, NYU's instance of Sakai. This presentation demonstrates two applications of the model currently in use, and the lessons learned along the way. Explore best practices in this learning environment and a generalized template that can be extended to academic and non-academic settings.

TECHNOLOGY INNOVATION IN TEACHING HUMANITIES USING SAKAI

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Glenda Cox, University of Cape Town

Aditi Humna, UCT

Abstract Summary: Technology innovation in teaching Humanities using SakaiBy Glenda Cox and Aditi HumnaUniversity of Cape TownAt the University of Cape Town, Teaching with Technology grants give lecturers the opportunity to try out new technology in their teaching. The purpose of this session is to share these innovations and begin a discussion with other educators about teaching Humanities with technology.The innovations showcased include: 1) Writing Hubs. These included a WordPress site embedded in Sakai. In terms of pedagogy, since the content shared on the platform is multimodal, it caters for students who are increasingly visually inclined. A lecturer on this course said that he has seen “a shift in the way that students engage with texts”. 2) Zaption and Sakai. In 2016, Dr Humna is using lessons and videos with Zaption embedded in Sakai. 3) Navigating Research site included the use of the Blog tool in Sakai for student writing as well as Lessons with exercises in chats and forums.

INSTITUTIONAL INTEGRATION WITH SAKAI IN MEXICO

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Ursula Bernal, u-red

Ursula Bernal Cataño, u-red

Abstract Summary: The use of Sakai in México, the institutional integration opportunities and innovations. Case of Science Faculty UNAM integration with success in technology-enabled teaching, learning, and research.Great courses from great teachers.How to make a book from a course with the Wiki.How to plan a distance learning carrers from the Blender learning integration.The institutional integration with Mario Molina Center working on educational programs that develop knowledge and skills, change attitudes and inspire young people to discover science and environmental protection. Inform society in order to promote responsible decision-making towards the environment. Pilot test to validate materials of the Climate Change and Sustainable Development Education.

WHAT INCREDIBLE THINGS YOU CAN DO USING THE SAKAI REST/WEB SERVICE API.

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Diego del Blanco Orobítg, Scriba

Abstract Summary: This session is about how powerful ate the web services and rest API in Sakai and how is possible to do a lot of things that administrators (or instructor and students) will love using them. For example, to create scripts to do boring repetitive tasks, create a new interface to allow some users to do things that UI doesn't offer or extract some reports that sitestats doesn't allow.The session won't enter in a deep technical detail, so anyone that wants to view what things can be done from outside Sakai can attend.We will divide the session in 2 parts:1st part. A general explanation about how to access and work with the web services and rest API in Sakai.2nd part. Show the most interesting options and some samples of what is possible to be done.3rd part. A guided but high level tour about how to create external tools or scripts that uses the Sakai Web Services and REST services to interact with Sakai.

TALES OF THE JEDI: HOW A SMALL TEAM OF 6 EXTENDS SUPPORT TO OVER 600 EMPLOYEES.

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Avril Best, St. George's University

Cindy-Ann Alexander, St. George's University

Teah Cummings, St. George's University

Shereene Twum-Barimah, St. George's University

Abstract Summary: This session will expose attendees to various methodologies for training and support that allow a small team of 6 to satisfy the needs of over 600 employees. At St. George's University, the Educational Computing Team (ECT) offers training and support to a diverse group of faculty and their support staff. Satisfying these customers' learning needs and meeting them at their proficiency levels may indicate the need for a large staff; but with a team of six, the ECT beats the odds by employing numerous innovative methods, which cater to individuals and groups. At the end of the session attendees should be able to: Discuss various methodologies used for training and support, based on identified learning needs. Identify the necessary elements of effective training, based on the chosen delivery method. Construct a list of various methodologies that allow for manageable training and support solutions.

TONIGHT'S SPECIALS: OFFERING A CUSTOMIZED MENU IN YOUR LMS USING LTI TOOLS.

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Corri Nicoletti, Marist College

Abstract Summary: Integrating LTI Tools offer a buffet of choices that expand the capabilities of the learning management system. Many are eager to suggest, pilot, and implement these solutions...if only it were that easy! With a large population involving faculty, students, support specialists and administrators, we have spent the last several months working to offer our users unique choices when it comes to our learning management system. Depending on the needs and functions of the tool, each one required a unique and specialized pathway leading up to launch and availability that included varying levels of evaluation, preliminary testing, a controlled pilot, and documentation and support development. Join us to learn how we worked with our various options to offer a gourmet selection of LTI tools for use.

MAKING A SAKAI UPGRADE WORK: A CAMPUS WIDE COLLABORATIVE ENGAGEMENT TO INCREASE THE ADOPTION OF SAKAI IN TEACHING AND LEARNING

Sakai or Teaching | Growing | Presentation

Projects: Sakai

Presenters:

Padraig Hyland, University of Limerick

Abstract Summary: The University of Limerick has implemented the Sakai Virtual Learning Environment (VLE) since 2006. In preparation for its latest upgrade, a collaborative engagement with faculty was initiated to understand the changing teaching and learning needs of the University community. Faculty were introduced to the Sakai upgrade at department meetings and were asked for their initial requirements for the VLE. Follow up discussion sessions provided faculty with the opportunity to expand on the aspects of Sakai that are used and work well in their teaching while giving an opportunity to outline how it could be improved further. Additional involvement by faculty in a series of pilots of new Sakai tools and integrations gave further opportunities to explore the potential impact of the Sakai upgrade on teaching and learning in the University. This presentation will outline how the collaborative approach with faculty enhanced the VLE to better meet their teaching and learning needs.

SAKAI TRAINING SUPPORT TOOL AND EXPERIENCES FOR INSTITUTION-WIDE AND DEPARTMENT-WIDE TRAINING PROGRAMS AT KYOTO UNIVERSITY

Sakai or Teaching | Developing | Presentation

Projects: Sakai

Presenters:

Shoji Kajita, Kyoto University

Abstract Summary: At Kyoto University, Sakai has been used not only for regular classes but also compliance training programs such as "Security Treaty on Research Activity" and "Research Integrity" for faculty, staff and researchers at the entire Kyoto University, and recently department-level training programs developed by Graduate School of Engineering, Graduate School of Medicine, University Hospital and Institute for Liberal Arts and Sciences. Through these developments, we have been enhancing the

functionality of Sakai "Training Support" tool including certification in PDF and helpdesk. In our presentation, we describe the detailed experiences through newly revised Training Support tool and training programs.

UX TESTING

Sakai or Teaching | Facing Forward | "No Slides!" Presentation

Projects: Sakai

Presenters:

Wilma Hodges, Longsight

Francesca Socolick, NYU Steinhardt

Dede Hourican, Marist College

Luisa Li, Marist College

Abstract Summary: Come and participate in live usability testing during the conference! Each usability test will be conducted as a 15 to 20 minute one-on-one session. Sessions will be conducted on a first come first serve basis. This is a great opportunity to experience usability testing first hand and share your impressions and opinions about Sakai interface design. You will be asked to complete several tasks and give honest, open feedback. No programming or usability testing experience required! Just be you!

METHODS AND RESULTS OF COMBATING LMS UNDERUTILIZATION: A CASE STUDY

Sakai or Teaching | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Sanghyun Jeon, Pomona College

Abstract Summary: Are your users using your LMS as intended? Or are you already tired of the many trials and errors in the quest for improving your LMS usage? Over 99% of higher education institutions have an LMS in place, but daily LMS utilization is a different issue with causes that are not entirely clear. In this session, we will share what worked and what didn't work while combating LMS underutilization in the faculty and students of the six residential liberal art colleges that make up the Claremont College Consortium. We will also discuss how our proactive support services successfully encouraged more use of Sakai by anywhere from 43.3% to 12.6% per school. Finally, we will showcase what our next steps are to improve our LMS usage further. Participants will be able to better develop their own action plans for combating LMS underutilization in their campuses by studying our approach and the data that support its efficacy.

NO THEY ARE NOT COMING TO THE WORKSHOPS!

Sakai or Teaching | Facing Forward | Presentation

Projects: Sakai

Presenters:

Luisa Li, Marist College

Abstract Summary: Educational technology specialist and instructional designers alike are usually tasked to host faculty development workshops to teach them how to use Sakai for teaching and other purposes. The bitter truth is that faculty rarely comes to training workshops even when coffee and cookies are provided. Academic Technology and eLearning office at Marist College faces the same conundrum. After running Sakai workshops for a few years, we have experimented a few different ways to attract workshop participants and spread the words about Sakai innovation. We recognize that faculty training workshops should be planned and implemented in collaboration with Sakai user support. This presentation will report on these different faculty development opportunities, ups and downs, lessons learned and more importantly, the next best things to try. The attendees are welcome to engage in live discussion, sharing their own experiences and finding innovative ways to engage faculty and conduct user support.

USING THE LESSONS TOOL IN YOUR FLIPPED CLASSROOM AS A WEEKLY LANDING PAD FOR STUDENT SUCCESS

Sakai or Teaching | Sharing Stories | "No Slides!" Presentation

Projects: Sakai

Presenters:

Sarah McCorkle, Wake Forest University

Steven Wicker, Wake Forest University

Abstract Summary: In this session we will show how Sakai's Lessons tool can be used to create a student-centered space with structured learning materials. We will share a variety of activities within Lessons, which students complete in preparation for your Flipped Class, using principles of good design to keep students on pace for success. We will use appropriate language and tone, show students the alignment of our objectives (no busy work!), and provide on-going continuous feedback to demonstrate the value of completing these activities prior to attending class. Features specific to the Lessons tool, such as the Student Comments Tool and Student Content pages, will be explored as we discuss use cases for student collaboration, creation, and peer review. The session will include a kick off with a brief explanation of the Flipped Classroom for those who are new to this model, as well as suggested resources and readings for learning more about this re-visited approach also known as inverted instruction.

LARGE SCALE, OPEN SOURCE LECTURE CAPTURE WITH OPENCAST

Sakai or Teaching | Sharing Stories | Presentation

Projects: OpenCast

Presenters:

Stuart Phillipson, University of Manchester

Abstract Summary: The University of Manchester has deployed the world's largest lecture capture system, recording over 42,000 hours of events per year and receiving 4 million views from students. This highly successful project is built on open source applications and tools including Apero OpenCast. We will be sharing the strategy and approach used to take a small scale pilot system to more than three hundred locations. This includes how open source systems lend themselves to pedagogy driven customisations and how having access to source code allows the University of Manchester to conduct cutting edge accessibility planning.

THE DESIGN, DEVELOPMENT & IMPLEMENTATION OF AN IN-HOUSE SRS TO ENHANCE THE TEACHING & LEARNING EXPERIENCE: CASE-STUDY OF THE UNIVERSITY OF THE WESTERN CAPE

Sakai or Teaching | Sharing Stories | Presentation

Projects: Other

Presenters:

Juliet Stoltenkamp, University of the Western Cape

Faried Ahmed, University of the Western Cape

Duncan Smith, University of the Western Cape

Valentino Van De Heyde, University of the Western Cape

Abstract Summary: In the context of South Africa's HE sector, with both limited resources and growing pressures to increase the participation and throughput of students, particularly from racial groups marginalised before 1994, and to equip them with the skills necessary for social transformation, the adoption of ICT and effective eLearning practices have become crucial policy goals (Jaffer, Ng'ambi & Czerniewicz, 2007) cited in Stoltenkamp & Siebrits (2015). In support of this mission, and with full realisation of the demands of the Information Economy, the University of the Western Cape (UWC) promotes the adoption of innovative technologies to support staff and students by developing skills and ePedagogy to effectively make use of these technologies, ultimately enhancing Teaching-and-Learning practices at UWC (Stoltenkamp & Siebrits, 2015).

Leadership / Analytics

FUTURE OF OPEN SOURCE WEB CONFERENCING

Leadership / Analytics | Developing | Presentation

Projects: Apero OAE, Sakai

Presenters:

Fred Dixon, BigBlueButton Inc.

Abstract Summary: The purpose of this presentation is to share our priorities going forward and -- most importantly -- get feedback on our plans to ensure BigBlueButton fulfills the synchronous collaboration and on-line virtual classroom needs of the Apereo Community. We'll cover 1. Design Wins - How the US Department of Defense saved \$12m/year using BigBlueButton 2. Mobile clients - How we are developing both an HTML5 client and a mobile app 3. Leveraging WebRTC - We already use WebRTC for audio, we'll look at how we're leveraging it for desktop sharing and video 4. Integrations with Sakai - Gather feedback on what the community would like to see improved in the Sakai integration 5. Integrations with Apereo OAE - Demonstrate the integration 6. Accessibility - Demonstrate Closed Captioning in BigBlueButton The takeaway for participants will be an understanding of our progress to-date for creating a full web conferencing platform for on-line learning and the expected features and functionality for 2016.

STUDENT SCHEDULING IN UNITIME

Leadership / Analytics | Facing Forward | Presentation

Projects: UniTime

Presenters:

Tomáš Müller, Purdue University

Abstract Summary: The process of scheduling individual students to classes is often treated like a holiday sale at a department store. Classes are put on display and students queue up to get a popular course or a particular class section offered at a favored time. While this is an easy and well-understood process, it is often difficult for students who are not early in the queue to find workable combinations of classes needed to graduate or make progress on their degree requirements. UniTime provides a number of features that can improve this process: student demands can be used to create a course timetable that better meets student educational needs; students can be provided with initial schedules based on their pre-registrations; historic or curricular course requirements can be used to automatically reserve space in classes for students that are yet to come. In this presentation, we will discuss how UniTime can assist university administrators and students during the student scheduling process.

APEREO OPEN LRS INTEGRATING LMS, EPORTFOLIO AND MULTIMEDIA ANALYTICS

Leadership / Analytics | Developing | Presentation

Projects: Sakai, Other

Presenters:

Patrick Miller, University of Notre Dame

Xiaojing Duan, University of Notre Dame

Abstract Summary: The University of Notre Dame has implemented a pilot of the Open Apereo LRS Platform in our campus Amazon AWS environment as a central hub for integrating analytic data from Sakai, DigiCation ePortfolio and Kaltura. We will share our experience in performing the installation with special focus on integrating into an existing campus AWS VPC environment. We will also focus on integration of multiple sources of analytic data and the challenges we faced and are facing in providing a comprehensive view of student learning. We hope our experience will encourage others to implement the Apereo Open LRS and Open Analytics platform while also making them better prepared for the challenges of implementation and integration of multiple sources of analytic data.

UPDATE ON THE SAKAI RA11Y PLAN (REVIEW ACCESSIBILITY PLAN)

Leadership / Analytics | Developing | Presentation

Projects: Sakai

Presenters:

Matt Clare, Brock University

Abstract Summary: During the session you will hear the latest on the Sakai rA11y Plan and the top 5 things that can make any contribution to the web more accessible. The Sakai RA11Y Plan (Review Accessibility Plan - accessibility drops 11 words, and looks

like a pair of letter l's, to make "rally") is an initiative by the Sakai Accessibility Working Group to commission a substantive review of Sakai's accessibility by a respected third-party with a goal of obtaining a certification, including a VPAT and WCAG2-based review, that would assure potential adopters and current users alike. You can also learn the top 5 practical tips and techniques creating accessible content.

DEPLOYING OPEN LEARNING ANALYTICS AT NATIONAL SCALE: LESSONS FROM THE REAL WORLD

Leadership / Analytics | Growing | Presentation

Projects: Incubator

Presenters:

Josh Baron, Marist College

Michael Webb, Jisc

Gary Gilbert, Unicon

Kate Valenti, Unicon

Patrick Lynch, University of Hull

Abstract Summary: Jisc's Effective Learning Analytics initiative employs open source "big data" technologies, including Hadoop and Spark, with open data extraction processes and standards to create a comprehensive open source student success and retention solution. The solution has several modular components including a learning analytics processor, a dashboard for reports and data visualization, a service to store activity data, an alert and intervention system and a student app to help students monitor their own learning. Many of these components are formal projects under the open source Apereo Foundation. This session will provide higher education with insight on issues ranging from the technical work involved to implementation and stakeholder engagement strategies. In addition to being able to take full advantage of this open source and modular solution without licensing costs, institutional leaders attending this session will gain knowledge to help guide their own learning analytics journey.

STATE OF THE APEREO LEARNING ANALYTICS INITIATIVE

Leadership / Analytics | Developing | Presentation

Projects: Incubator

Presenters:

Gary Gilbert, Unicon

Sandeep Jayaprakash, Marist College

Josh Baron, Marist College

Steve Cody, Unicon

Abstract Summary: The aims of the Apereo Learning analytics initiative (LAI) are to accelerate the operationalization of Learning Analytics software and frameworks, support the validation of analytics pilots across institutions, and working together to avoid duplication of efforts. The initiative was started in 2014 and supported by Marist College, Uniformed Services University, Unicon, and University of Hull. This session provides the larger Apereo community with an update on learning analytics today and where we are heading in the future. Today, the community has developed an unified vision to build an open and scalable reference architecture for the Learning Analytics. The session briefly covers the current status of the development of the architectural components which include Learning Record Store, Academic early alert systems, Intervention, Student advising systems and Open Dashboard systems. Time will be set aside to discuss other community priorities in this domain and how others can get involved.

IS YOUR INSTITUTION READY FOR OPEN LEARNING ANALYTICS?

Leadership / Analytics | Sharing Stories | Presentation

Projects: Incubator

Presenters:

Gary Gilbert, Unicon

Kate Valenti, Unicon

Abstract Summary: With learning analytics sometimes the challenges posed by institutional processes and policies can be as daunting as the technical challenges. Through the Jisc Learning Analytics project Unicon and our partners at Marist College have

developed a mechanism for assessing your institutional readiness for open learning analytics. This session will cover key readiness indicators and discuss institutional challenges and how to move past them. If you are considering a learning analytics implementation, come and see how ready your institution is!

A NEW PLAYGROUND FOR EDUCATION INNOVATORS THAT THE EDTECH SERVICES MANAGER CAN LIVE WITH.

Leadership / Analytics | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Eamonn Fitzgerald, University of Limerick

Diego del Blanco Orobítg, Scriba

Abstract Summary: Learning management systems (LMSs) have become large scale enterprise-wide applications and as such, are subject to the quality control processes that ensure high availability – a big monolith that’s hard to massage when, as an educator, you need to try something new to stimulate or engage your class. Enter Learning Tools Interoperability (LTI), the standard that allows you to extend your LMS to 3rd party tools and products in an easily configurable way. At the University of Limerick, we are using LTI to fully engage with educators as we transition from Sakai2.9 to Sakai10.4 using LTI as a portal to pilot Sakai10 tools enhancements while still running version 2.9 in production. Our lecturers get a real feel for the impact of the new functionality while still being able to rely on a production supported system. The presentation will demonstrate how this model enabled participants to focus effort exactly where it needs to be - on student engagement.

WHEN YOUR INSTITUTION GOES LMS SHOPPING: THE ADVOCACY, DEFENSE, AND EVANGELIZATION OF SAKAI

Leadership / Analytics | Growing | Presentation

Projects: Sakai

Presenters:

Jason Smith, Pomona College

Sanghyun Jeon, Pomona College

Ben Royas, Claremont McKenna College

Abstract Summary: What do you do when there is a call to evaluate Sakai or if you are tasked to go window shopping for a new LMS? The Claremont Consortium is an early adopter of Sakai (2006). Every few years the member's of the consortium are faced with evaluating LMS products and are asked to justify the Sakai deployment. Due to the fact that Sakai is not a business, like most LMS systems in the marketplace, we have found it challenging to provide similar data, explain the community model, and dispel outdated misinformation about the Sakai project. However, we have had good success in retaining Sakai. We invite you to come hear our story, strategies we have used, how we have become advocates, if not evangelists, and how we plan to continue our dialog with decision makers to better inform them about the benefits of and dynamic nature of Sakai. From attending this session it is hoped those facing similar challenges can learn strategies to better advocate or in some cases even adopt Sakai as their LMS.

APEREO OAE - CONNECTING THE ACADEMIC COMMUNITY

Leadership / Analytics | Developing | Presentation

Projects: Other

Presenters:

Nico Matthijs, Apereo OAE

Abstract Summary: The Apereo Open Academic Environment is a multi-tenant and highly scalable platform that aims to support academic collaboration and academic networking. OAE is an informal collaborative online space that supports research, group and other types of collaboration and offers a modern solution for project sites. This session will provide an overview and demo of recent developments, including inviting guests and access management federation support. The session will also provide a sneak preview into some of the exciting upcoming OAE features.

WHAT'S NEW IN APEREO LAI: INFORMED INTERVENTIONS WITH AUTOMATED EARLY ALERTS

Leadership / Analytics | Growing | "No Slides!" Presentation

Projects: Incubator

Presenters:

Gary Gilbert, Unicon

Sandeep Jayaprakash, Marist College

Steve Cody, Unicon

Abstract Summary: The technical showcase demonstrates ongoing effort in Apereo Learning analytics initiative (LAI) to build an open and scalable architecture for the Learning Analytics. The showcase includes key architectural components of the Open Learning Analytics platform. The team showcases a system containing the various learning analytics components working as a cohesive system to support student interventions through automated early alerts. Come by and learn more about learning analytics and how you can get involved in the community efforts.

IAM / CAS

EXPLORING INTERNET2 GROUPER & NIST RBAC/ABAC

IAM / CAS | Facing Forward | Presentation

Projects: Other

Presenters:

Bill Thompson, Lafayette College

Misagh Moayyed, Unicon

Abstract Summary: Grouper, a TIER component from Internet2, has grown in prominence primarily by providing institutions with improved group management. This capability alone provides significant value, but does not take advantage of all the power that Grouper provides. This presentation will explore applying more advanced Grouper features in the context of Role- and Attribute-Based Access Control as defined by NIST in INCITS 359-2012 and INCITS 494-2012. Attendees will come away with a deeper appreciation of the RBAC/ABAC standards and how they can be implemented with Grouper in a higher education setting.

APEREO CAS SERVER: STATE OF THE PROJECT

IAM / CAS | Facing Forward | Presentation

Projects: CAS

Presenters:

Misagh Moayyed, Unicon

Abstract Summary: 2015 was yet another productive year for the Apereo CAS project. There have been two significant releases packed with new features and improvements that include new authentication, service management and deployment strategies. Additionally, the project has not only improved its integration support for products such as Internet2 Grouper and Shibboleth Identity Provider v3, but also offers baked in support for multifactor authentication, service-based authorization and SAML2 Web SSO. This session intends to provide a summary of all CAS server achievements over the past year, and will also touch upon a future roadmap for the project, based on community input and feedback.

DEEP DIVE INTO SAML AND MFA WITH CAS 4.X

IAM / CAS | Developing | Presentation

Projects: CAS

Presenters:

Misagh Moayyed, Unicon

Abstract Summary: The latest releases of the CAS software present two brand new features that are particularly exciting: SAML2 Web SSO and MFA with the likes of DuoSecurity and RSA. This session attempts to provide a technical overview of the said features in terms of the configuration options and integration capabilities. We'll discuss the extent of the new SAML features of CAS as well as the new enhancements made to the CAS authentication engine to enable MFA authentication via a variety of triggers.

TACKLING TURN IT IN ISSUES

IAM / CAS | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Robert Egan, New York University

Abstract Summary: This Lightning Talk will focus on the discovery and fix for Turn It In 206 errors in Sakai. The discussion will cover how the issue was discovered, work with the vendor to find a fix, and the UI improvements that resulted from the fix.

SCRIPTABLE GROUPEUR - LAFAYETTE COLLEGE'S BIG FISH STORY

IAM / CAS | Developing | Presentation

Projects: CAS, Other

Presenters:

Carl Waldbieser, Lafayette College

Abstract Summary: Internet2 Grouper is fantastic software for managing group memberships and access control lists. But the Java API can be a bit intimidating for even the most steely-nerved sysadmins. Grouper Shell Wrappers started out as a way to add readline and tab completion to a somewhat spartan REPL. Somewhere along the way, Lafayette College started using the new scripting capabilities to transform API primitives into higher order business processes. Scripting provided enough flexibility for the College to develop their own simplified Grouper change log consumer!

MAKING COLLABORATION EASIER - INTEGRATING SOCIAL LOGIN (EG GOOGLE, FACEBOOK) WITH SAKAI AND CAS

IAM / CAS | Sharing Stories | Presentation

Projects: Apereo OAE, CAS, Sakai

Presenters:

Dedra Chamberlin, Cirrus Identity

Abstract Summary: Universities are all about enabling collaboration, both within a campus, and with partners in academia and beyond. Access to online services can be costly and cumbersome for users who do not have a university account, such as continuing education students, researchers, guest faculty, auditors, alumni, and incoming students. Social identities can streamline access for these collaborators. Social identity integration can happen at the Service Provider, like at Newcastle University, UK, which expanded access to their Sakai-based Virtual Research Environment to external users via Google, LinkedIn, and Facebook. Social identities can also be integrated at web SSO, like at Simon Fraser University in Vancouver, which has tested the integration of a social login gateway with their campus CAS service. This presentation will include an overview of approaches to social identity integration, technical and user experience issues to consider, and demonstrations of use cases from 2-3 campuses.

Portals

MYUW ARCHITECTURE FOR THE WIN

Portals | Developing | Presentation

Projects: uPortal, Other

Presenters:

Andrew Petro, University of Wisconsin-Madison

Jim Helwig, UW-Madison

Abstract Summary: MyUW continues to innovate, developing beyond traditional uPortal toward rich web application experiences backed by RESTful JSON microservices delivered in a container architecture, while continuing to support classic uPortal experiences complete with JSR-286 support. The emerging architecture involves AngularJS for rich web application experiences, angularjs-portal for discoverability and dashboarding, RESTful JSON microservices delivered via a Docker container solution, and a slew of templates

and utilities for rapid sustainable development of user-centered experiences. This session will offer a focused 30 minute exposition of MyUW architecture followed by 15 minutes for questions and discussion. This session is intended to raise awareness of the free and open source software components MyUW is developing, the architecture these implement, the opportunities for other campuses to implement this architecture using this software, and the opportunities for collaboration.

FROM TRADITIONAL TO TECHNOLOGICAL: TRANSFORMING AN INSTRUCTIONAL DESIGN COURSE USING SAKAI

Portals | Sharing Stories | Presentation

Projects: Sakai

Presenters:

Stella Erbes, Pepperdine University

Abstract Summary: With support from the Innovation in Technology and Learning Grant sponsored by Pepperdine University, an Instructional Design course was redesigned using the Sakai Learning Management System (LMS) as the main platform for curriculum delivery and student activities. The redesigned course did not utilize a textbook, delivered all course content using the Lessons tool of the LMS, promoted collaborative learning using digital tools like Google Apps and Twitter, employed non-traditional assessments like videos and creative student presentations, and incorporated engaging student-centered activities. This session invites beginning through advanced level users to imagine the possibilities when transforming traditional courses with Sakai LMS tools. Examples from the redesigned course format and the outline of this successful grant application will be shared. Students have self-reported gains in critical thinking and digital literacy after having participated in the revised course.

DEVELOPING ANGULARJS PORTLETS IN UPORTAL

Portals | Developing | Presentation

Projects: Portlets, uPortal

Presenters:

James Wennmacher, Unicon Inc

Andrew Stuart, Unicon Inc.

Abstract Summary: Modern web application architecture is changing. Recent advances have enabled an entirely new class of scalable, low-latency webapps centered around thick clients. This new paradigm focuses on maximum network efficiency (minimize redundant requests) and lowering the barrier to entry for portal development by decoupling the webapp from the backend services. We've been working to develop a more modern front end leveraging AngularJS and existing uPortal infrastructure enabling us to maximize reuse of existing portal and portlet code while allowing creating new functionality that can leverage this new architecture. We'll share what we've learned in the way of best practices and things we've learned to avoid, including: - Architecture: writing rich portlets that can take advantage of modern browsers. - Reuse: leveraging existing services to minimize rework - Security: maintaining confidentiality while maximizing performance This course is geared more toward users who do portlet development.

ON THE ROAD OF MULTI-TENANCY PORTAL AT UPMC

Portals | Developing | Presentation

Projects: Portlets, uPortal

Presenters:

Christian Cousquer, Université Pierre et Marie Curie - Sorbonne Universités / IT dept

Ludovic Auxépaules, Université Pierre et Marie Curie - Sorbonne Universités / IT dept

Abstract Summary: On the road of multi-tenancy portal at UPMC UPMC has engaged the migration of their "Environnement Numérique de Travail" (a digital workspaces portal) from uPortal 4.0+ to uPortal 4.2+ in Responsive Web Design. After a recap of the context and the chosen deployment strategy, this session will provide an overview and some demos of our recent developments: homemade developments regarding the portal and the portlets, a focus on adapting a portlet to Responsive Web Design through a Proof of Concept based on a concrete example. The session will also provide some lessons learned and strategies of our switch to a multi-tenant architecture with uPortal 4.2+. "If it be now, 'tis not to come, if it be not to come, it will be now. If it be not now, yet it will come; the readiness is all." Hamlet (a. v, s. ii) - W. Shakespeare

STATE OF THE UPORTAL 2016

Portals | Developing | Presentation

Projects: Portlets, uMobile, uPortal

Presenters:

Andrew Wills, Unicon, Inc.

Andrew Petro, University of Wisconsin

Abstract Summary: This presentation is the 2016 installment of the annual State of the uPortal update. In this session we will showcase progress in the uPortal platform since the previous Open Apereo. This period has been one of significant activity and innovation in the uPortal platform. Some of these exciting developments include: Enhancements to Respondr Enhancements to administrative tools, including fragment layout administration Ad-hoc PAGS groups Performance improvements in permissions checking Enhancements to the search UI In addition, this year's State of the uPortal presentation will include some updates from Apereo portlet projects and other relevant progress.

JAVA PORTLETS: THE GOOD PARTS

Portals | Developing | Presentation

Projects: Portlets, uPortal

Presenters:

Andrew Wills, Unicon, Inc.

Benito Gonzalez, Unicon, Inc.

Abstract Summary: Much has changed about writing web applications since 2008 when JSR-286 was released. These changes often clash with how portlets think & work. E.g., portlets view the HTTP request in 4 phases: Action, Event, Render, & Resource. This model implicitly requires many interactions to trigger a page re-load. In 2016, we seldom want to drop & replace the entire page; we can provide better performing, more usable UIs by updating the existing DOM. JSR-286 is a big specification, including many APIs that provide different, portlet-flavored ways to do what we do in "regular" web apps. These APIs are well-intended, but they can entangle us in the conflict between 2008 & 2016. Inspired by the popular book, Javascript: The Good Parts - about the subset of JavaScript that is genuinely elegant & useful - this topic looks at writing portlets that use "just enough" of the APIs to be good citizens in uPortal, as well as at the subset of the APIs that offers us the most and clashes with 2016 the least.

GETTING INVOLVED WITH THE UPORTAL COMMUNITY

Portals | Growing | Presentation

Projects: Portlets, uPortal

Presenters:

Benito Gonzalez, Unicon, Inc.

Abstract Summary: The uPortal community is a vibrant, friendly collection of people focused on uPortal, an open source portal project originating in higher education. uPortal is constantly advancing and evolving thanks to the various developers that contribute to the project. But it takes more than code to have a successful community. Both developers and non-developers assist with documentation that must grow with the application. Members of various experiences and backgrounds assist others as they face similar situations. And, the community is so supportive and positive! Come see the various ways you can participate in our community! Evangelize - just spread the word! Join - mailing lists, IRC and social media to stay in the discussion Write - keep our manual up to date and great! Code - keep the project improving and evolving! Design - UI/UX work is critical to successful adoption Share - from initial adoption to integrations with other systems and communities

SCRUM (AN AGILE METHOD) AS PRACTICED BY MYUW

Portals | Sharing Stories | Presentation

Projects: uPortal

Presenters:

Andrew Petro, University of Wisconsin-Madison

Abstract Summary: Explanation of Scrum as practiced by the UW-Madison MyUW Infrastructure team. A case study of a real-life application of an agile method in higher education, with some lessons learned and resources to learn more. (This session follows up on 2014's session <http://lanyrd.com/2014/apereo/sdbbcc/>, but with more focus on agile methods and less focus on technical practices.) Higher education IT is occasionally pressured to be "more agile". What does agile mean? What does it take to practice Scrum for real? What might happen if you do? Session attendees will gain one more example for understanding the potential of agile methods, and one more contact for learning more and continuing to compare notes on how we practice higher education IT.

GIT IS THE ANSWER. WHAT WAS THE QUESTION?

Portals | Facing Forward | Presentation

Projects: Other

Presenters:

Andrew Petro, University of Wisconsin-Madison

Abstract Summary: Git and its Web wrappers are transformational technologies enabling greater collaboration and productivity, making openness more affordable, and opening direct participation in "development" to a wider audience than traditional developers. This talk introduces Git, GitHub, and GitLab, illustrates their use in software development, and illustrates their use in "development" of things that feel less like "software". It argues that Git can add value to almost every endeavor university IT, and indeed a university generally, undertakes, and concludes with a call-to-action to collaborate more, more openly, and with more panache using great source control technology in Git and great Web UIs wrapped around Git, and to help your higher education colleagues to do so. In Git higher education IT has opportunities to support "that continual and fearless sifting and winnowing by which alone the truth can be found".

UPortal, DOCKER CONTAINERS AND MICROSERVICES

Portals | Developing | Presentation

Projects: Portlets, uPortal

Presenters:

James Wennmacher, Unicon Inc

Andrew Stuart, Unicon Inc.

Abstract Summary: Docker and microservices are an upcoming trend in application development. Docker containers provide a convenient and efficient way to package and layer application dependencies and requirements into static, portable images. Containers hold the promise of 'run anywhere' nearly the same way whether on a developer's desk, in your data center, or in the cloud. Cloud vendors, such as Amazon, Google, and Microsoft, are releasing container-based services, leveraging the Docker format and runtime, that are quickly evolving the landscape of application development and deployment through automated scalability on a previously-impossible time scale. Microservices provide a lightweight, scalable strategy of providing data services to rich JavaScript front-ends. Microservices can be written in any technology choice including Java. Learn from one uPortal project's experience using Docker and incorporating microservices into its portal design.

Lightning Talks

A TINY COLLECTION OF USEFUL SAKAI TOOLS FOR INSTRUCTORS, BASED ON LTI AND RESTFUL.

Lightning Talks | Developing | Presentation

Projects: Sakai

Presenters:

Eric Duquenois, Université du Littoral - Côte d'Opale

Frederic Dooremont, Université du Littoral - Côte d'Opale

Abstract Summary: Combining LTI protocol, RESTful services and PHP programming language is an easy way to develop tools for Sakai. In this session, we will demonstrate some tools we created in Sakai for instructors, using this method: course website customization (title, icon & skin configuration), enrollment: retrieving student or staff from a LDAP directory, fast unsubscribing of

students, adaptation of PmWiki, a very powerful wiki with customization and plugin architecture. We will also explain why we resorted to both LTI and REST: LTI: for identification (ID, name), role (student or instructor), student list, website title and user language, REST: Since LTI is currently limited, we had to make use of REST for actions that an instructor can usually perform (like enrolling students) and because we needed to restrict access to some actions to administrators (e.g. skin or icon settings). Our approach is very flexible and allows us to quickly add new features with no advanced programming skills.

CREATING AN INTEGRATED DIGITAL LEARNING EXPERIENCE USING PUBLISHER CONTENT IN SAKAI: LEVERAGING INTEROPERABILITY FEATURES THROUGH CREATIVE INSTRUCTIONAL DESIGN

Lightning Talks | Sharing Stories | Lightning Talks

Projects: Sakai

Presenters:

Carla Greszler-Gomez, Texas State University

Abstract Summary: Students, faculty, and instructional designers are increasingly expecting more of their learning management system (LMS). As a result, LMS administrators and instructional content providers are making significant back-end efforts to adopt interoperability standards such as the IMS Learning Tools Interoperability specification. These standards are at the core of the dynamic, student-oriented, digital learning experience that our LMSs aim to deliver. However, LMS integration is not entirely a back-end operation. This presentation aims to explain why "successful" LMS integrations require a multitude of perspectives and creative instructional design. An overview of common LMS integration challenges will be included, and a "published" Sakai LMS course site will be used to illustrate how creative user-oriented design solutions can enhance learning in the integrated LMS environment. Lastly, participants will be invited to share past experiences and solutions for successful LMS integration.

QUESTIONS ABOUT QUESTION POOLS

Lightning Talks | Sharing Stories | Lightning Talks

Projects: Sakai

Presenters:

Robert Egan, New York University

Abstract Summary: This will be a quick overview of how to use Question Pools in Sakai. This Lightning Talk will be fast paced and may not have enough time for questions at the end.

JA SAKAI LIGHTNING SESSION

Lightning Talks | Sharing Stories | Lightning Talks

Projects: Sakai, Other

Presenters:

Yuji Tokiwa, Hosei University

Soichiro Fujii, Hosei University

Hisashi Hatakeyama, Tokyo Metropolitan University

Daisuke Deguchi, Nagoya University

Shoji Kajita, Kyoto University

Abstract Summary: (1) Community translation platform using Transifex From 2014, Spanish Sakai community and Japanese Sakai community are collaborating in translation of Sakai 10 and master using Transifex as a common translation platform. This collaboration brought a lot of things to two communities. This platform will be extended for every regional community and for every project in Apereo community. (2) LTI based presentation evaluation tool We have developed a mobile friendly classroom support system which enables students' in-class numerical peer evaluation for a presentation skill by student. (3) Showcase of Sakai in Japan Sakai implementations in three Japanese research universities will be presented. (4) Learning analytics using IMS Caliper Learning analytics project plan using IMS Caliper will be presented.

SAVE TIME, MONEY AND EXPERTISE - COLLABORATIVE AUTHORING WITH XERTE

Lightning Talks | Sharing Stories | Lightning Talks

Projects: Xerte

Presenters:

Inge Donkervoort, Xerte Project

Abstract Summary: Title: Save time, money and expertise - collaborative authoring with Xerte Type: Lightning talk Xerte Online Toolkits is a free, open source and award winning suite of browser-based tools that allow absolutely anyone with a web browser to create mobile friendly, highly accessible and interactive learning materials quickly and easily with no need for specialist skills. In this short presentation the Xerte Community will show how easy it is to collaborate on creating learning objects between teachers and/or students.

I JUST BUILT AN APP - MOBILE LEARNING AND AUTHORING WITH XERTE 3.1

Lightning Talks | Sharing Stories | Lightning Talks

Projects: Xerte

Presenters:

Inge Donkervoort, Xerte Project

Abstract Summary: Title: I just built an app - mobile learning and authoring with Xerte 3.1 Type: Lightning talk Xerte Online Toolkits is a free, open source and award winning suite of browser-based tools that allow absolutely anyone with a web browser to create mobile friendly, highly accessible and interactive learning materials quickly and easily with no need for specialist skills. In this short presentation the Xerte Community will show that with using Xerte Online Toolkits modules you don't need an app for mobile learning.

Birds of a Feather

UPortal Roadmap BOF

Birds of a Feather | Developing | Birds of a Feather Discussion

Projects: uMobile, uPortal

Presenters:

Jim Helwig, University of Wisconsin-Madison

Abstract Summary: Join the uPortal Steering Committee as we together discuss the future of uPortal. Development is primarily shaped by the needs of the community. Share what you have been working on and would like incorporated into the product. Help shape where uPortal is headed.

APEREO TEACHING AND LEARNING BOF

Birds of a Feather | Sharing Stories | Birds of a Feather Discussion

Projects: Apereo OAE, Sakai, Karuta, OpenCast, Xerte

Presenters:

Neal Caidin, Apereo Foundation

Trisha Gordon, University of Virginia

Matthew Burgess, University of Virginia

Abstract Summary: Please join us for an Apereo Teaching and Learning BOF. Suggested topics for discussion include the relationship between technology and higher education, how various institutions are using Sakai and other Apereo software products to meet their needs, and what are the priorities for the future. Also, the Apereo T&L facilitators would like to know what we are doing well and solicit suggestions to help us organize the calls to best meet the needs of the community and to have maximum engagement.

PORTFOLIO JOURNEYS IN THE APEREO COMMUNITY

Birds of a Feather | Growing | Birds of a Feather Discussion

Projects: Sakai, Other, Karuta

Presenters:

Janice Smith, Three Canoes LLC

Abstract Summary: Institutions involved with Apereo are now using a variety of portfolio solutions. Some still use the Open Source Portfolio tools in Sakai, Some are experimenting with the Karuta Open Source Portfolio, with or without LTI integration with Sakai. Some have adopted proprietary solutions. Some use a variety of free tools available on the internet. Some have developed their own portfolio solutions. Come share your story with the Apereo portfolio community and hear what others are doing with portfolios.

THE FUTURE OF THE FORUMS TOOL

Birds of a Feather | Growing | Presentation

Projects: Sakai

Presenters:

Kyle Blythe, New York University

Jeff Pasch, New York University

Abstract Summary: The Forums tool in Sakai provides asynchronous discussion capabilities that, for many users, are a fundamental component of online learning. While the rich feature set of this tool delivers a great deal of flexibility (with highly customizable permissions and detailed statistics), user testing/feedback has revealed that this breadth of functionality comes at the expense of simplicity and ease-of-use. Looking to the future of Sakai, the Forums tool could benefit from a community project (a.k.a. FARM project) focused on delivering a streamlined user interface and experience, as well as features found in other popular discussion applications, such as inline post creation, improved search capabilities, and upvoting/liking functionality. This birds of a feather session will be an open roundtable discussion around the features and improvements that community members would like to see in a modernized Forums tool.

IMPLEMENTING THE NEXT GENERATION DIGITAL LEARNING ENVIRONMENT

Birds of a Feather | Facing Forward | Birds of a Feather Discussion

Projects: Apereo OAE, Sakai, Karuta, OpenCast, Xerte

Presenters:

Charles Severance, Longsight

Abstract Summary: The NGDLE (www.ngdle.org) has been proposed as a "learning ecosystem" where everything fits together beautifully like Lego blocks. There will be lots of learning management systems and thousands of easily installed applications. And we will have electric cars that never need recharging and use anti-gravity for a very smooth ride! But seriously, how will we ever get there and how can we insure that open source leads the way to this bold new future. What is the grand plan and what are the first steps? Do we have a better understanding about how open source plays in the market? How to we insure sustainability of open source efforts from the beginning? Have we learned any lessons from the past decade of building world-class open source applications - and how can that experience reduce the number of mistakes and mis-steps as we go forward.

INTERNATIONALIZATION BOF

Birds of a Feather | Developing | Birds of a Feather Discussion

Projects: Other

Presenters:

Nico Matthijs, Apereo OAE

Abstract Summary: Software internationalization is a problem it's best to address early, and can be challenging for open source communities with limited resources. This BOF is a place to share your specific challenges and successes, and to share them with other Apereo software communities. The BOF will also discuss what might be the best shape of a future Apereo Community of Interest on internationalization.

ACCESSIBILITY BOF

Birds of a Feather | Developing | Birds of a Feather Discussion

Projects: Other

Presenters:

Matt Clare, Brock University

Abstract Summary: Brock University Producing accessible software isn't a "nice to have", it's essential for the inclusion of students and staff from a variety of backgrounds. In many jurisdictions it's also a legal requirement. This BOF is open to the entire Aperero community. If you've just begun to grapple with accessibility issues, or if you have experience to share, please attend. The BOF will also discuss what might be the best shape of a future Aperero Community of Interest on Accessibility.

YOU MUST UNLEARN WHAT YOU HAVE LEARNED...AND OTHER LESSONS WE TAKE FROM STAR WARS AND STAR TREK IN SUPPORT OF FACULTY

Birds of a Feather | Facing Forward | Birds of a Feather Discussion

Projects: Aperero OAE, Bedework, CAS, Incubator, Portlets, Sakai, Karuta, OpenCast

Presenters:

Dina Kurzweil, USUHS

Sean Baker, Chief Technology Officer - USUHS

Eric Hanson, Chief Knowledge Officer - USUHS

Abstract Summary: Working closely with faculty to achieve a balance of research-informed teaching, educational technology use, and instructional design practices requires a balance akin to the force. This BOF has two goals. The 1st goal is to bring together faculty support specialists, (leadership, instructional designers, developers, etc) to talk about techniques and motivations used to help bring forth what lies within both the institution and the faculty to the forefront of the students educational experience in the learning space. The 2nd goal is to discuss, from various perspectives, how faculty support navigates the sensitive areas of unlearning what has been learned and navigating faculty into spaces aligned to policy at their institutions. With such a vibrant community, attendees will take away from this session various lessons learned and howto best to manage campus expectations regarding new development, policies and integration of instruction and technology.

ADVOCACY, DEFENSE, AND EVANGELIZATION OF SAKAI WITHIN YOUR INSTITUTION

Birds of a Feather | Growing | Birds of a Feather Discussion

Projects: Sakai

Presenters:

Jason Smith, Pomona College

Sanghyun Jeon, Pomona College

Ben Royas, Claremont McKenna College

Abstract Summary: This Birds of a Feather session will center on the advocacy, defense, and evangelization of Sakai from an institutional perspective. The big question being; Why do you use Sakai and how do you communicate this effectively to stakeholders given the diverse LMS marketplace, dramatic hype, and in some instances misinformation? Those who currently deploy Sakai or those who might adopt Sakai will find this informal discussion of interest and intriguing. Come discuss, learn, and discover successful strategies, and maybe some not so successful, that community members have employed to keep Sakai vibrant within their institutions as well as perhaps speculate on some larger ideas for future advocacy.

PROJECT X: HOW SAKAI PROJECT SITES IMPROVE COMMUNICATION AND COLLABORATION ON CAMPUS

Birds of a Feather | Sharing Stories | Birds of a Feather Discussion

Projects: Sakai

Presenters:

Benjamin Royas, Claremont McKenna College

Mary McMahan, Pomona College

Jason Smith, Pomona College

Abstract Summary: One of the early decisions made by the Claremont Colleges in 2006 allowed all registered users to create their own project sites in Sakai. Since then, the Claremont Colleges have seen an increased popularity in Sakai project sites among staff, faculty and student groups. Instructional technologists have worked to spread awareness and tailor project sites to meet individual groups' needs, with overwhelmingly positive outcomes. In this BoF, we will discuss how Claremont McKenna College and Pomona College utilize project sites for faculty, staff, and students; assess whether or not project sites are a useful method of sharing information and improving communications among committees and similar groups; plan ahead for events which could benefit from the use of a project site; and take a look at some best practices for utilizing and maintaining project sites on campus.

DO FACULTY OPINIONS MATTER IN LMS INTEGRATIONS OF PUBLISHER CONTENT AND THIRD-PARTY TOOLS?

Birds of a Feather | Growing | Birds of a Feather Discussion

Projects: Sakai

Presenters:

Carla Greszler-Gomez, Texas State University

Abstract Summary: The answer is yes. Faculty can make or break LMS integrations of publisher content. As our LMSs enhance interoperability features, they facilitate the incorporation of digitally rich, and often mobile-friendly instructional content provided by the publisher and other third-party vendors. In the past, faculty may have been discouraged from using LMS tools to deliver instruction because they lacked the resources, primarily time, to develop course-specific digital learning content. Interoperability LMS enhancements have provided faculty the ability to incorporate discipline-specific learning content within their LMS. This session will establish the benefits and challenges of using discipline-specific publisher content as a primary provider of digital learning content delivered through an integrated LMS course site.