



There's a lot going on in the Aperero Community this month! Keep reading for the latest on release news, project reports, and exciting events ahead. We welcome feedback on the format, as well as contributions large and small, from think pieces to snippets. Send them along to newsletter@apereero.org!

The deadline for the November 2018 Newsletter is November 5, with publication around November 15.

From the Executive Director

The New Aperero Individual Membership Offering Become a Friend of Aperero [here](#).

For almost a decade and a half, the Aperero Foundation and its predecessors have been at the forefront of creating and sustaining software in the service of higher education. We've accomplished that by creating innovative and functional open source software collaboratively – made by education, for education. And we've had the help of many, many, talented and committed individuals in that work.

Aperero and its predecessors have always sought to recognize that talent and commitment through a series of programs. These programs – such as the fellows program and teaching innovation awards – have both celebrated commitment and success, and helped take those successes to the next level by providing small amounts of funding to facilitate networking good practice and further development.

As the Aperero family of software and related communities grows larger, we'd like to support and extend those recognition programs with a new membership category – individual membership. This doesn't mean that Aperero is changing its primary focus on supporting higher education institutions and serving the academic mission, but it does mean we're finding new ways to involve, enlarge, and engage our community in doing just that.

By making a small (deductible) contribution that will be dedicated to our support programs, individual members can help make a difference. In return, we'll help you

reserved individual member board seat.

Apereo's work has touched countless learners and faculty worldwide, helping to both extend access to learning opportunities, and to enrich them. Help us sustain and extend that by becoming an individual member of the Apereo Foundation today. if you have a friend or colleague who might not have seen this message, please pass it on.

Planning into Practice – Apereo Strategic Development 2018-2020

Over the last five years, Apereo has grown from half a dozen software communities to almost twenty, while strengthening global partnerships supporting open source software in education. Earlier this year, the Apereo Foundation Board of Directors drafted and circulated an outline two-year strategic plan. The plan was broken down into six principle development themes, which the Board felt were essential for the future of Apereo and the communities it supports. Those themes were –

- Membership, Financial Health and Fundraising
- Partnerships
- Development Opportunities and Recognition Programs
- Communications, Outreach and Engagement
- Software Community Health
- Foundation Services and New Ideas

The outline plan was circulated for community comment and discussed at the Foundation AGM at Open Apereo 2018 in Montreal. You can read the draft outline here - <http://bit.ly/apereoplاندraft>

[Read More](#) from Ian Dolphin

Project Focus ELMS:LN



Gearing up for HAX'ing Apereo

It's been several months since the ELMS:LN team started talking to anyone who would listen about our new project called HAX (Headless Authoring eXperience). We've been refining the message, improving its capabilities, and presenting about it anywhere we can. Our latest video video consolidates everything about HAX, including why it's needed and what the current, terrible state of the technology experience for designers, educators, and students is.

I wanted to share this video update with the Apereo Community about the vision of the platform and why it's needed. This talk, from OpenEd 2018, is intended for educational staff and faculty and is much less developer centric than my communications typically are.

From a developer perspective, we've been working on on making our web component library work with the ES Module standard and being placed on npmjs.com. In order to achieve this, we've been working informally with front end developers from Red Hat to make it easier for ANYONE to manage, publish, and use web components in their projects. The project we've been working on to do this is called WCFactory, or Web Component Factory <https://github.com/elmsln/wcfactory>. Any Apereo project dev should look at this as Web Components are able to plug into any of our projects across libraries.

WCFactory will help demystify the entire web components pipeline from "what library to use" to "how do I publish to NPM" to "how do I document and develop these" to "how do I publish this to work across all platforms?". WCFactory solves all of these problems -- because they are ones we had too! Currently it helps you make, document, develop, and build components across 6 different libraries using standard tooling.

the board. We'd love to help you join us on the way to that future!

~!Bryan

Upcoming Events



Free Opencast Developer Workshop: November 13-15, Osnabrück, Germany

For everybody who is interested in contributing to Opencast, or adopting it to the local needs, ELAN e.V. is offering a developer workshop. The admission is free!

The workshop's target attendees are software developers with some knowledge of Java, XML, HTML, and Javascript. Knowledge of shell-scripts and Python is welcome but not required.

Find out more about the workshop at:

<https://opencast.org/2018-07-11-opencast-developer-workshop.html>

2018 Apereo Webinar Series: Opencast in Teaching & Learning

17th October, 1200 US Eastern

Olaf Schulte ETH Zurich

Developed by a community of academic institutions, Opencast incorporates a number of technologies and features to support teachers and students in video-based teaching and learning. The presentation will explain and demonstrate the usage of a number of areas:

- 4K video
- Metadata extraction / search
- Comments/feedback/annotation
- Automated translation / transcription
- Automated presenter tracking

More information is [here](#).



Sakai Virtual Conference November 7

Sakai Virtual Conference 2018

Sakai - Enabling Educators and Engaging Learners

November 7, 2018 - Online

<http://virtconf.apereo.org/> #SakaiVC18

Register now! Registration is open for the Sakai Virtual Conference.

Registration is \$50 per person, or \$500 for group/institution registration, with all proceeds going toward Sakai feature development.

The Sakai Virtual Conference will take place entirely online on Wednesday, November 7, 2018. You'll attend presentations in virtual meeting rooms, ask the presenters live questions, participate in interactive activities and contests, and get the conference experience without the expense of travel. The "conference location" will be in Sakai, and we will be using Sakai tools to facilitate interaction among attendees. If you are comfortable in Sakai, you will easily engage in this virtual experience.

Find out how your peers are using Sakai at their institutions! Learn about new features in the upcoming release! Presentations will focus on effective teaching and learning practices, online pedagogy, and engaging students using technology.

[Read More](#) from Wilma Hodges and Ian Dolphin

2019 UPortal Developer Winter Summit

Reserve January 21 to February 1, 2019 to join other uPortal developers in sunny Gilbert, Arizona for the uPortal Winter Summit hosted by Unicon.

Learn about the latest developments and future direction of uPortal. Participate in a uPortal developer workshop presented by Unicon. Acquire tools and skills to enhance your uPortal deployment and accelerate content development.

the Rome Towers office building where Unicon is located.

Unicon

1760 E Pecos Rd Suite 432

Gilbert, AZ 85295

Apereo Africa 2019 - Hold the Date!

15 April pre-conference workshops

16 - 17 April for conference

At the University of Cape Town

Project News



2018 UPortal Steering Committee Elections

Christian Cousquer from Sorbonne University, Mairi Fraser from the University of Edinburgh, and Christian Murphy from Unicon have been elected as developer representatives to the uPortal Steering Committee.

Laura McCord from Rice University and Cheryl Palafox-Stewart Sinclair Community College have been elected as community representatives.

These new members join current members Drew Wills from Unicon, Julien Gribonvald from GIP RECIA (ESUP); Steven Ragusa from Texas A&M; and Lauren Anderson from Brigham Young University.

uPortal Release

uPortal 5.2.3 has been released on Maven Central and GitHub. Here are some highlights:

- Fixed portlet data import issues on Oracle 12 databases
- Fixed stack overflow error running web components in Internet Explorer 11
- Updated libraries and build tools to stay current, including Gradle, Groovy, Swagger, EasyMock, Node.js, AWS Java SDK

The uPortal development community is dedicated to releasing frequent incremental updates as issues are resolved, new features incorporated, or build tools and libraries are

Webinar Series Review: uPortal Web Components, Form Builder and FBMS

The uPortal development community is working to simplify rich content development for uPortal using the most current client-side development frameworks including AngularJS, React, Polymer, Vue and others. This webinar covered the evolution from server-side Java JSR 168 and JSR 286 portlets to client-side web components. Code examples for web components were shown and the Form Builder web component was introduced along with the Form Builder Microservices (FBMS) that support it. Form Builder simplifies configuring and displaying custom web forms in uPortal.

Video of the webinar is available at: <https://youtu.be/9guK-VI3-IU>

Open Positions

Web Application Developer Opportunity at UW-Madison

Are you an experienced web developer who wants to work on exciting projects used by tens of thousands of people every day? Are you self-motivated yet collaborative and enjoy working with a close knit team in an agile environment? Would you like to work with open source at a great university, engage with colleagues from across the globe, and receive great benefits--all while maintaining a true flexible, work/life balance with healthy priorities? Join the team responsible for MyUW (See <https://it.wisc.edu/services/myuw>), our flagship uPortal-based portal used by over 150,000 people each year with millions of logins each month. As a member of our team, you can help move UW-Madison and the uPortal project forward. Application deadline is October 18. See <https://go.wisc.edu/9e609b>

Wanted: Your Institution's Story

Consider submitting a vignette for apereo.org!

If you've not looked at www.apereo.org recently, go take a look. On the landing page we're promoting Apereo sponsored software in a series of what we're calling "vignettes". These are short stories and messages about what problems adopters are using Apereo software

Have a message about Apereo software you'd like to communicate to others? Why not take five minutes to write a vignette and forward to ed@apereo.org



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