

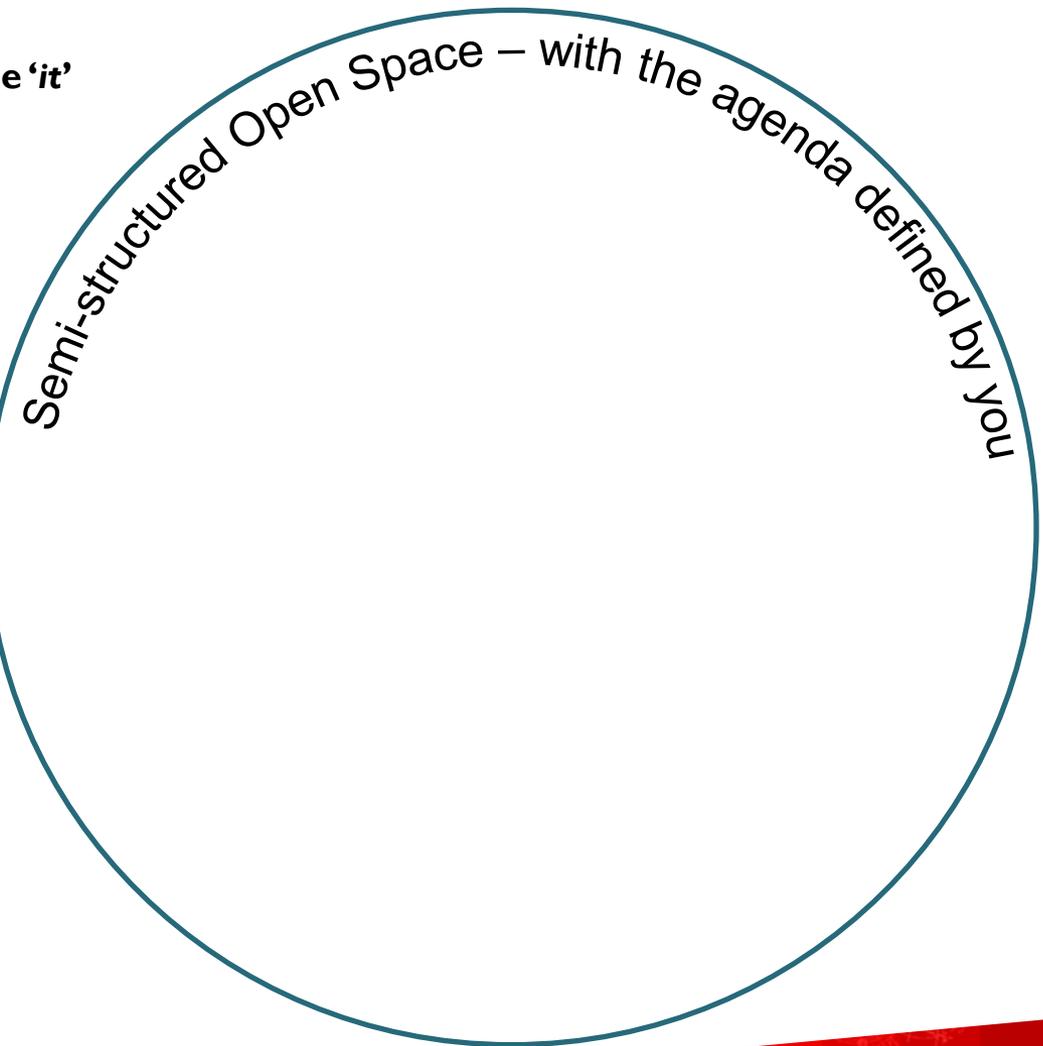


Argus Future Workshop

11 december 2014

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PDP & Grid

Format



But maybe like e.g.

1. **Why** are you here?
- agenda build
2. **What** can we (technically) do?
3. **Who** could do it?
4. **When can** we do it – whatever we define 'it' to be?
5. **Are we going forward** from here?

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Rough time table

- 09:30 - 11:00 Phase I: "Why" - *painting the Argus or AuthZ Landscape*
- 11:00 - 11:15 Phase I: Agenda building – *Identifying Focus Areas of Interest*
- 11:15 - 11:45 Coffee
- 11:45 - 13:00 Phase II: "What" –
what do we see Argus doing to address the issues?
- 13:00 - 13:30 Lunch
- 13:30 - 14:15 Phase II: "What" - *second session*
- 14:15 - 15:00 Phase III: Who? – *looking at the technical skill sets/capabilities*
- 15:00 - 15:30 Tea
- 15:30 - 16:15 Phase IV: When?! – *prioritization of effort and resources*
- 16:15 - 16:35 Conclusion - *Logistics and next steps*

And now: **YOU!** – *in 5 min max*

Really you! Write down 1-2 keywords, one per post-it note

Some possible talking points were like:

Which technical issue with Argus do you face in daily life that made you come here?

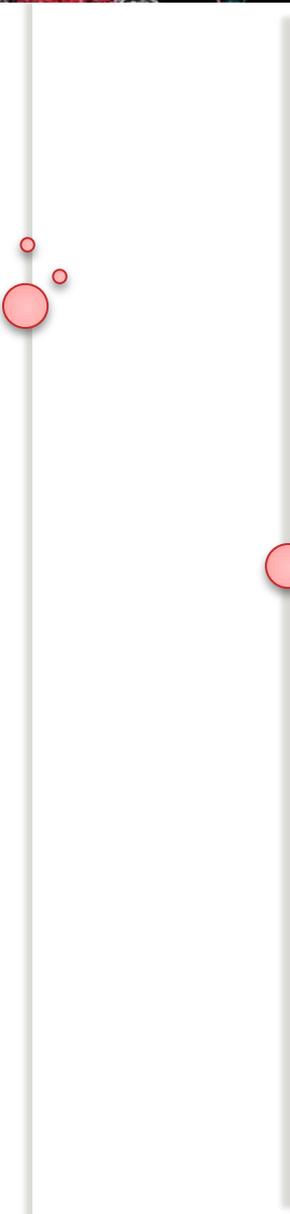
What vision of the future do you have that features Argus in it?

Which element(s) of Argus do you use today that you consider of value to you, your work, or your organization(s)?

Have you come here to find out if Argus is already dead?

Maybe you want it to die, or merge? and why? Or Nnot, and why?

No problem if you repeat a previous speaker: it may give a different viewpoint on the issue, or at least reinforces the point!



Summaries

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FedID

- Bags of attributes (remember VOMS SAML ;-)
- SAML, OpenID Connect – and incorporate social-like APIs?
- Receive attributes or obtain them from within the PIPs? Argus now already gets SAML
- PIP receiving push and pull attributes
- For the trust composition: building blocks exist. How to you maintain trust in the fabric that transfers the attributes? OpenSAML library is foundation of Argus service. Attribute aggregation is already there.
- Integation development needed to take in federation sources.

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Deployment, performance, and scalability

- Some sites have scalable service deployed that's stable, but others don't get there – how can we address this?
- “Normally it runs itself” (CERN service mngr), but resolution of issues is kind-of haphazard (not sure why it works ;-)
- Survived pretty well for over a year – manageable number of incidents – pattern in 2015+ will probably be similar as in ≤ 2014
- Some issues were identified and fixed in Argus still by SWITCH (issues related to high-load situations). The newer versions (not officially released) appear better. [issues around resilience of OCSP responders and timeouts]. CANL was also involved here.
- There are also ‘more vague’ issues – with unclear resolution (“try older, or newer Java”). But in the longer term we need to stay ‘up to date’ with external developments like Java evolution. – *Take ownership of Java components we care about?*

Understand where the load threshold is.

Volunteer sites to try out scenarios to find this out.

Interop or common

- Use cases and environment is significantly different, and the future use cases of Argus appear to go beyond the OSG use cases.
- OSG use cases focus on self-contained environment
- Argus has features like composability that are needed.
- Common use case is common emergency suspension.
- If argus did not exist and there was only GUMS, could we use that one?
- The PAP composability is unique.
- PEPd seems more similar to GUMS, but also there support is unclear.
- Privacy issues in GUMS! – we should stop publishing the VOMS membership list right now ;-)

Effort?

- Community collaboration
- INFN can support PAP and can contribute to PEPd and PDP when embedded in projects that also develop future features (DataCloud, is likely ;-)
- Nikhef PEPc lib, PEPC client, EES, general deployment support, GSI callout. Future projects can support more as well (with extremely likely projects) & SURFsara support.
- Java PEP client
- And new contributions from the community

Effort II

- Communications and coordination from EGI
- Scale testing: CERN, RAL, MW Readinnes,
- Attracting new communities to the community effort
 - CESNET / Zdenek – testing
 - Krzysztof Benedyczak – also links to Java CANL and Java SSL (Unicore?)
 - Ulf will talk to the ARC dev experts – move to PEPd instead of talking to PDP directly?

“You can make a difference and be recognized for it!”

Community progress

- Assess existing components and identify how to technically move forward
- Combine components, but take care to allow for more scalable deployments

PAP admin

- The package that was not there can easily be created as RPM
- Web interface? – in case of a distributed team who need to be able to suspend users.
 - PAP web i/f as a wish ...

Argus to GUMS support

- ACL on the PAP to allow arbitrary GUMS sites to pull it down, since from the US you don't get a list of eligible DNs.
 - OIM as source? GUMS services not registered today
 - Possibility to put ACL on wildcard or on CA only?
 - Hosts to register in a specific VOMS and ACL on FQAN using a proxy for the host
- The current GUMS link to Argus works (since 1-2 months)

Prioritization and next steps

We Declare: Argus Will Live

- Contact the rest of the community to engage
- Action items identified:
 - High-prio issues as entered into the bug list & GGUS
 - Community to act of best-effort basis, based on good quality bug reports – so report issues in GGUS
 - EGI + wLCG to bring the message across
- + action items identified in previous slides ...

Argus Support & Vulns – and coordination for developers

- Argus-support mailing list (Google groups) – 2.5nd line
 - Andrea, Mischa, Maarten now on it
 - New supporters post-January
 - Issue tracker is now on Jira, move to Github alongside documentation (for SVG: use egi svg list)
 - Get some concrete progress on open tickets ... through transparent communication
- 1st line support also through NGIs (like .cz, who also does 2nd level ‘DMSU’ like support, via EGI support)
- Those on the list will deal with vulnerabilities and react (and will look at it to the best of ability as best-effort)
- Developer coordination
 - Argus-developers@googlegroups as a closed list now exists
 - Through Github. Discuss release model.
 - Re-use monitoring tools used in the Quattor community?

Presentation

- Mention in ops coord report to MB
- Present in January GDB
 - Maarten to present with input from the entire community
 - Technical bridge Argus->GUMS works

Future steps

- Follow-up meeting by videoconf O(1hr)
- End of january/early feb *after* the results from the ‘september’ H2020 calls are known
- Subscribe devs and support experts to the developers list.
The argus-future-discuss mailing list will stay – to keep these discussions alive
- For ‘users’: self-help list ‘argus-users@googlegr’
- Current format worked