SC18 Dallas, TX | hpc inspires.

URSSI US Research Software Sustainability Institute

Software Sustainability and the Conceptualization of URSSI

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UNIVERSITY OF NOTRE DAME

CRC CENTER FOR RESEARCH COMPUTING

Research Software

Use	90%	95%
Can't continue without	70%	63%

http://doi.org/10.5281/zenodo.843607

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Research Software

> 50% neither formal nor informal training in software engineering

Use	90%	95%
Can't continue without	70%	63%

http://doi.org/10.5281/zenodo.843607

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Research Software

Lack of career paths

Use	90%	95%
Can't continue without	70%	63%

http://doi.org/10.5281/zenodo.843607

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Diverse Groups Aiming at Improving Career Paths

- URSSI (US Research Software Sustainability Institute)
- SSI (UK Software Sustainability Institute)
- SGCI (Science Gateways Community Institute)
- National Research Software Engineer Associations
- ACI-REF (Advanced Cyberinfrastructure – Research and Education Facilitators)
- CaRCC (Campus Research Computing Consortium)
- NSF

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Conceptualization of URSSI

- Workshops
- Survey
- Ethnographic studies
- Outreach and communication

➡ Community-driven institute proposal

First ideas from workshops for supporting career paths:

- URSSI can provide successful use cases for career paths at single universities such as Princeton University
- URSSI can analyze how it worked in the UK to map it to measures for the US
- URSSI can improve access to tools and standards that help universities hire diverse talent

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How to Engage with URSSI

- Watch the website http://urssi.us/
- Repos for website and workshops https://github.com/si2-urssi
- Blog posts http://urssi.us/blog/
- Join the mailing list http://urssi.us/
- Discuss https://discuss.urssi.us/
- Twitter https://twitter.com/si2urssi
- Take the survey http:/bit.ly/urssi-2018-survey/
- If you have questions, want to suggest something, want to volunteer, email us: contact@urssi.us

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