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Better Software, Better Research: Providing Scalable Support for Scientific Software Development

CSESSP Challenges
16th October 2015

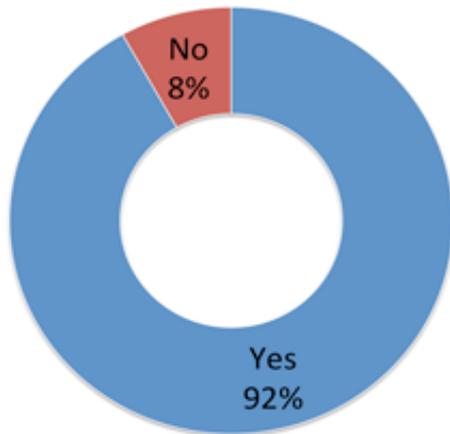
Aleksandra Pawlik, Software Sustainability Institute
[@SoftwareSaved](http://www.software.ac.uk)

No software, no research

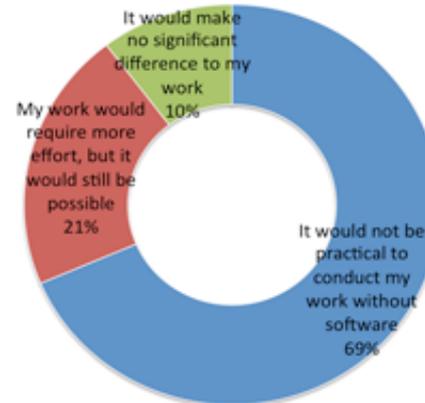


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Do you use research software?



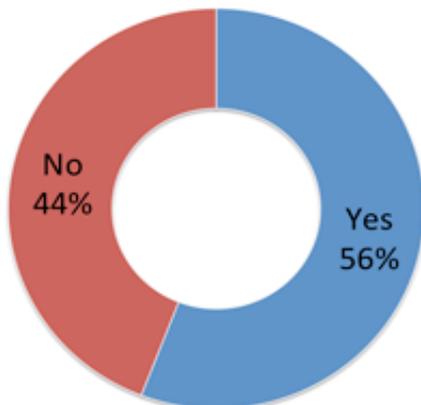
What would happen if you could no longer use research software?



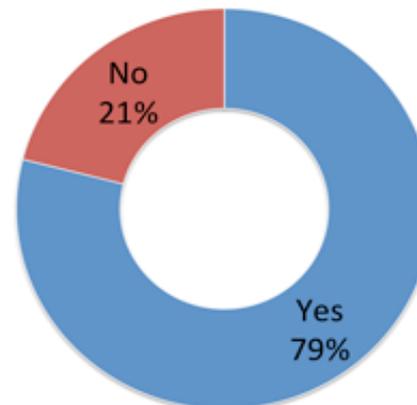
S.J. Hettrick et al, UK Research Software Survey 2014"

- 417 researchers
- 15 Russell Group universities

Do you develop your own research software?



If you develop software, have you received any training in software development?



Stakeholders and ecosystem



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- Status of software development in academia
- Hidden funding for scientific software development and maintenance
- Researchers & PIs at research organisations
- UK Research Councils

Training, consultancy and best practices



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- Understanding topical challenges
- Identifying optimal solutions
- Developing and advocating for best practices
- Providing consultancy and support – Open Call
- Delivering training and promoting well established training methods and curricula
- Growing a qualified pool of instructors

Community & Policy



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- Fellowship programme – outreach, feedback and credibility
- Events to bring communities and stakeholders together
- Research Software Engineer campaign
- Raising the profile and importance of software in research

Thank you!



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Questions?