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Software Sustainability Institute: work & impact

Slides: <https://doi.org/10.6084/m9.figshare.12683780>

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Supported by:



Software Sustainability Institute

“A national facility for cultivating better, more sustainable, research software to enable world-class research”



Providing to the wider community:
expertise, services, tools, events, policy,
guidance, data, opportunities, ...

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Software

Helping the community to develop software that meets the needs of reliable, reproducible, and reusable research



Training

Delivering essential software skills to researchers via CDTs, institutions & doctoral schools



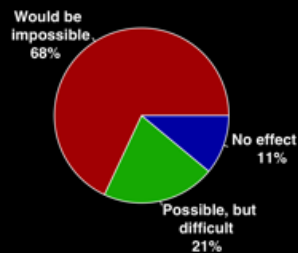
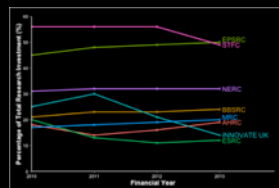
Outreach

Exploiting our platform to enable engagement, delivery & uptake

Collecting evidence on the community's software use & sharing with stakeholders

Bringing together the right people to understand and address topical issues

Policy



Community

Benefits to community



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- “We help people build better software, and we work with researchers, developers, funders and infrastructure providers to identify key issues and best practice in scientific software.”

Community with one voice



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- We help focus individual efforts, knit together and amplify them
 - Supporting Carpentries training
 - Research Software Engineering campaign
 - Fellowship programme
- Define policy for software that benefits research

Evidence community can use



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- We help gather data to support policy and practice
 - Research Software Survey
 - RSE survey
- Encouraging publishing of experience

Expanding the community



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- The Software Sustainability Institute was one of the first, but it can't be the last / only
- Support formation of Communities of Practice
- Support other organisations and initiatives starting up
 - Sharing, learning, growing practice and process

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- Software Preservation Network

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