Recognising Research Software as First-Class

The ARDC Research Software Program

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PRESENTED BY

Tom Honeyman

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RESEARCH SOFTWARE IS RECOGNISED AS A FIRST-CLASS OUTPUT OF RESEARCH.

ARDC National Agenda for Research
Software

bit.ly/rs-agenda

See
Shape
Sustain

"

We will see research software when it is:
- shared, published, or otherwise made available upon creation
- cited or identified in reuse
- captured in data provenance or workflows.

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Infrastructure

- Scholix schema modifications
- Measures: Finding software report

Community

- [Visible Research Software Interest Group](#)

Guidance

- New materials on website
- Consults/guidance on publishing code and software

Advocacy

- Publisher policy for Code availability
- Software Management Policy Implementation Guide

See Research Software

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We will shape research software when its authoring:
- ■ anticipates broadest appropriate use
- ■ employs best practices for quality software
- ■ where possible, extends upon existing software rather than recreating it

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Infrastructure

- Measures: existence of new research software

Community

- RSE Stories profiles and impact stories

Guidance

- Best practices in RSE stories
- New website content

Advocacy

- ECR awards for new software in Statistics, Bioinformatics, Ecology and Astronomy

Shape Research Software

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We sustain research software when it:

■ is complemented by roles which are themselves stable, inclusive, supported and valued

■ has viable pathways to maintenance.

ARDC National Agenda for Research Software

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Infrastructure

- Measures: [Research Software Capability Report](#) - how big is the workforce that develops and maintains research software for others to use?

Community

- RSE-AUNZ support
- RSE-Asia Australia Unconference

Guidance

- New website content

Advocacy

- Eureka Prize for Excellence in Research Software
- Career progression and forums
- DEI for RSEs

Sustain Research Software

And more…

Outputs and Activities

- FAIR principles for Research Software
- 10 FAIR things for curating reproducible and FAIR research
- Research Software Alliance
- Research software Funders Forum

Coming soon

Open Source Program Offices

- Industry initiated
- Manage risk/opportunity
- Relationship with the Open Source ecosystem
- https://ospomindmap.todogroup.org/

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🌐 ardc.edu.au

✉ contact@ardc.edu.au

📞 +61 3 9902 0585

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