AeRO – Australian eResearch Organisations

AeRO FORUM 2015

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AeRO Forum 2015

• **Context:**
  - A decade of investment, the Research Infrastructure Review and associated analyses

• **Opportunity:**
  - To review, plan, coordinate and provide input for what lies ahead

• **Today:**
  - Speakers involved at the heart of these processes
  - Attendees from throughout the research/research services community
  - Discussions around key issues and opportunities
The Landscape

- Approx. $500M eResearch infrastructure investment
  - By the Federal Govt (via NCRIS+EIF) since 2006
  - And more by institutions, organisations, funders, agencies, industry, etc.
  - *Now at the dawn of a new era of investment?*

- 5+4 world-class programs
  - High Performance Computing(+1), Networking(+1), Data(+1), Collaboration(+1), Identity

- Multiple funding streams, diverse rules
  - Lots of TLAs and ETLAs
  - Delivering independent projects and programs via multiple channels
The Researcher perspective

• Lots of money!
• Exciting projects and infrastructure!!

• World class/leading:
  • HPC capability
  • Network infrastructure
  • Identity Federation
  • Research Data Culture
  • Data storage and Collaboration infrastructure

  • 30+ acronyms, outside my institution
  • Diverse rules, contact points, support channels, …
  • Joining things together takes effort
  • A diverse experience
“Infrastructure” through …

• **Multiple eResearch Organisations/AeRO Members**
  - State partnerships of institutions
  - Large-scale projects
  - Stand-alone entities
  - Institutional support centres (in ITS, or not)
  - Discipline-specific service providers
  - Government agencies
  - Industry
  - …

• And international activities
AeRO…

• The **Australian eResearch Organisations**

• A national partnership of Members and other participants
  • Collaborating
    • To enhance the researcher experience and enable outcomes
    • To coordinate planning and delivery
    • To develop skills, practice and uptake of eResearch
  • Supporting accredited resource sharing and development

• A collective ear for the needs of the sector
• A collective voice about a national, joined-up, eResearch capability
Joining…

- Not just the infrastructure/technologies
  - Hard enough!
- The access
- The support
- The communication
- ...
- In a timely, seamless, friction-free fashion for researchers
  - Integrating across boundaries
History

- Established in 2010
  - Informal MoU-structure
  - Initiative of state-based eResearch organisations
  - Implement strategic initiatives
  - Growing membership and participants

- Now planning to formalise
  - Becoming an entity

Please join in and help shape AeRO!
AeRO does…

**ADVOCATE**

**COLLABORATE**

**COMMUNICATE**

Through projects, materials, events, …

- Annual Forum, eResearch Australasia, THETA, …
- Projects:
  - User Support
  - Education and Skills
  - Software infrastructure, …
- *Planning, Coordination, Accreditation, Education, …*
Planning…

• Disciplines have trajectories of capability and needs over time

• eResearch infrastructure needs to be planned to meet them
  • While research needs, capabilities and technologies are rapidly evolving and sometimes shifting…

• Can we do a long term (decadal) plan for eResearch?
  • Setting direction
Interested in finding out more or taking part?

Visit our website www.aero.edu.au

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