Building a National Research Data-Intensive Workforce and Culture

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AeRO Forum, Canberra
13 March 2018
Focus on skills

Why do we need skills?
- How easy is it for researchers to find and use research infrastructure?
- Is publishing and sharing data intuitive or does it require skills/guidance?
- Making the most of our infrastructure investment!

Who needs skills?
- Researchers?
- Professionals who support researchers + research infrastructure e.g. software engineers, librarians, research office staff, project managers etc?

What skills are needed?
- Skills to use infrastructure? Skills to publish, share and link data?
- Discipline specific skills? Skills to help answer research questions?
Focus on skills

How should skills be delivered?
- Multimodal? Incremental? Hands on?
- London Underground map for navigating training pathways?

Who should deliver skills training?
- Institutions? Publishers? Vendors? Infrastructure providers e.g. NCRIS facilities? ANDS/Nectar/RDS funded projects? Volunteers e.g. carpentry-style? NRDC?

When should skills be delivered?
- At point of need? On demand? Before need arises?
Focus on skills

Some challenges:
- Trainers re-inventing the wheel
- Discipline specific + general training needed
- Decision to invest in skills
- How do we measure the success of a skills program?

How could we (ANDS/Nectar/RDS) progress?
- Stakeholder engagement/consultation
- Train the Trainer events
- Partnerships!

Final thought:
- Skills strongly linked to infrastructure development, policy and resources
Thank you!

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ANDS, Nectar and RDS are supported by the Australian Government through the National Collaborative Research Infrastructure Strategy Program (NCRIS).

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