

DReSA

IMPROVING DISCOVERABILITY AND ACCESSIBILITY OF DIGITAL RESEARCH SKILLS TRAINING, MATERIALS & TRAINERS

1 June 22

PRESENTED BY

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ACKNOWLEDGEMENT OF COUNTRY

We acknowledge and celebrate the First Australians on whose traditional lands we meet, and we pay our respect to their elders past, present and emerging.



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WHAT'S HAPPENING IN TODAY'S SESSION

Overview

- Why create a national training portal?
- The genesis of DReSA
- Building on existing technical architecture
- Walkthrough + your questions answered
- Where to from here?

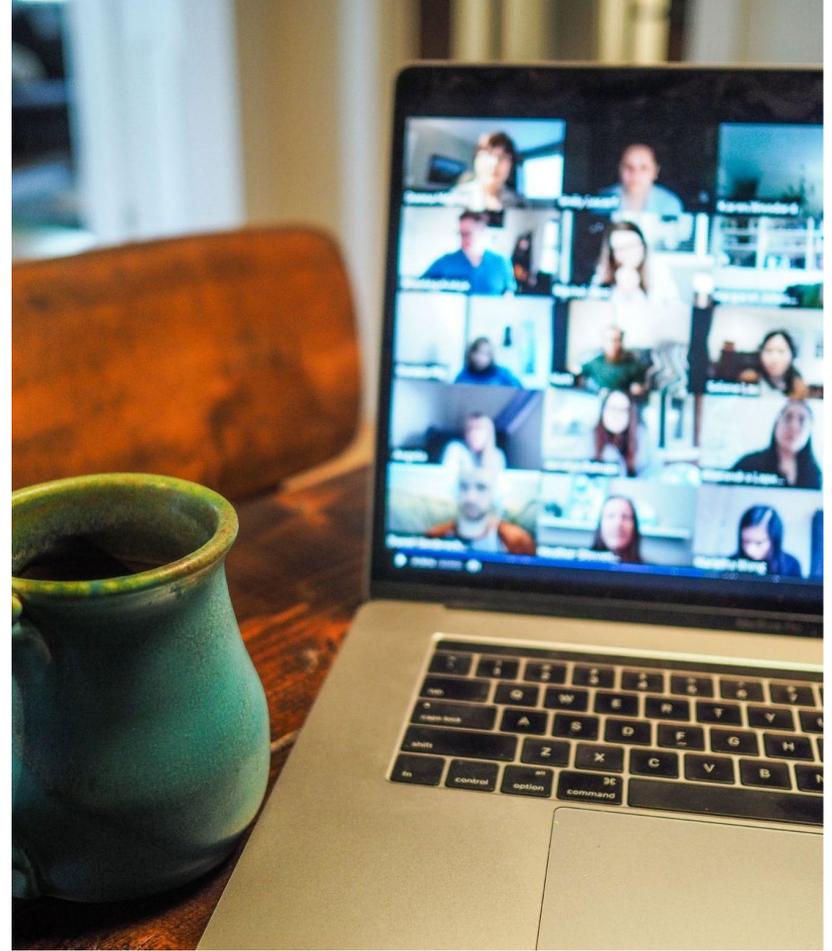


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BUILDING DIGITAL WORKFORCE CAPACITY AND SKILLS FOR DATA- INTENSIVE SCIENCE

OECD SCIENCE, TECHNOLOGY
AND INNOVATION
POLICY PAPERS
July 2020 No. 90



“A digitally skilled workforce is required to complement investments in data-intensive scientific infrastructure.”

2021

National Research Infrastructure Roadmap

“Rapid advances in computing techniques and analysis, and management of large and complex datasets have resulted in researchers no longer having sufficient expertise in computational, data management and analysis techniques.

There should be consideration of how national system-wide approaches to training and services could benefit researchers.”



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Google

edX

elixir

Microsoft Azure



AUSTRALIAN ACCESS FEDERATION

Where can I find training on...?

Future Learn



QCIF

Australian BioCommons

aarnet
Australia's Academic and Research Network

NCI AUSTRALIA



SYDNEY Informatics Hub

INTERSECT RESEARCH FASTER

THE UNIVERSITY OF MELBOURNE

aws

THE UNIVERSITY OF SYDNEY

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Melbourne Bioinformatics

THE UNIVERSITY OF QUEENSLAND AUSTRALIA
CREATE CHANGE

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It's a problem for...

Trainees

- Makes it harder for people to find the training they need
- Takes longer to develop critical skills

Trainers/Training providers

- Perform gap analysis
- Design appropriate training
- Collaborate on training



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Building a national training calendar and registry

ARDC Skills Summit 2019

(COVID)

ARDC Skills Summit 2020

Working group (re)forms

Pawsey secures funding topped up by ARDC

Nick May comes on board as developer



launch at eResearch 2021

To be continued

WHO IS CURRENTLY INVOLVED

Product owner group



Core members



Development

- ElixirTeSS – Ruby on Rails web application
- Adaptations for Australasia
 - Access Federations – AAF & Tuakiri
 - Time zones
- Changes
 - Features – added and disabled
 - Branding and Localization
- Management – Iterative sprints, Project Board, Regular meetings.



DReSA WALKTHROUGH



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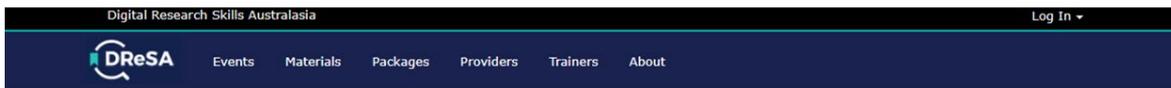
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WHAT IS DReSA?

Over to you!

Take a look at dresa.org.au

and tell us what you think DReSA is/does



Welcome to Digital Research Skills Australasia (DReSA)

Browsing, discovering and organising digital research events and training resources, collected from Australasian providers.



Events



Browse and discover training events from across Australasia.

Materials



Browse and discover training materials from Australasian providers.

Providers



Browse and discover Australasian training providers who contribute events and materials to DReSA.

Trainers



Browse and discover Australasian trainers for digital research skills.

Latest Content in DReSA

Data Capture and Surveys with REDCap at Deakin Online



Would you like to enable secure and reliable data collection forms and manage online surveys? Would your study benefit from web-based data entry? Research Electronic Data Capture (REDCap) might be for you.

This course will introduce you to REDCap, a rapidly evolving web tool developed by...



Statistical Comparisons using SPSS at Intersect Online



Brought to you by Intersect in partnership with QCIF and delivered by QCIF.

This practical workshop will help participants to choose and use the appropriate standard statistical test for their data by introducing key concepts of inferential statistics in SPSS. Participants will learn how to...



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Demo

Public Features

- Home Page
- Resources
 - Events
 - Materials
 - Packages
- Search and Filter

User Features

- Registration/Login
- User & Trainer Profile
- Starred Resources
- Subscriptions
- Packages

WHAT'S NEXT?



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LINKS TO USEFUL RESOURCES

- DReSA website - dresa.org.au (Staging: <https://staging.dresa.org.au>)
- [Terms of Use](#)
- [User Manual](#)
- [Video Guides](#)
 - Getting started in DReSA
 - User features of DReSA
 - Content Providers in DReSA
- [Ingest Guide](#)
- [Source Code Repository](#)



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