DReSA

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

1 June 22

PRESENTED BY

Kathryn Unsworth, Manager, Skills & Workforce Development, ARDC
Nick May, DReSA developer

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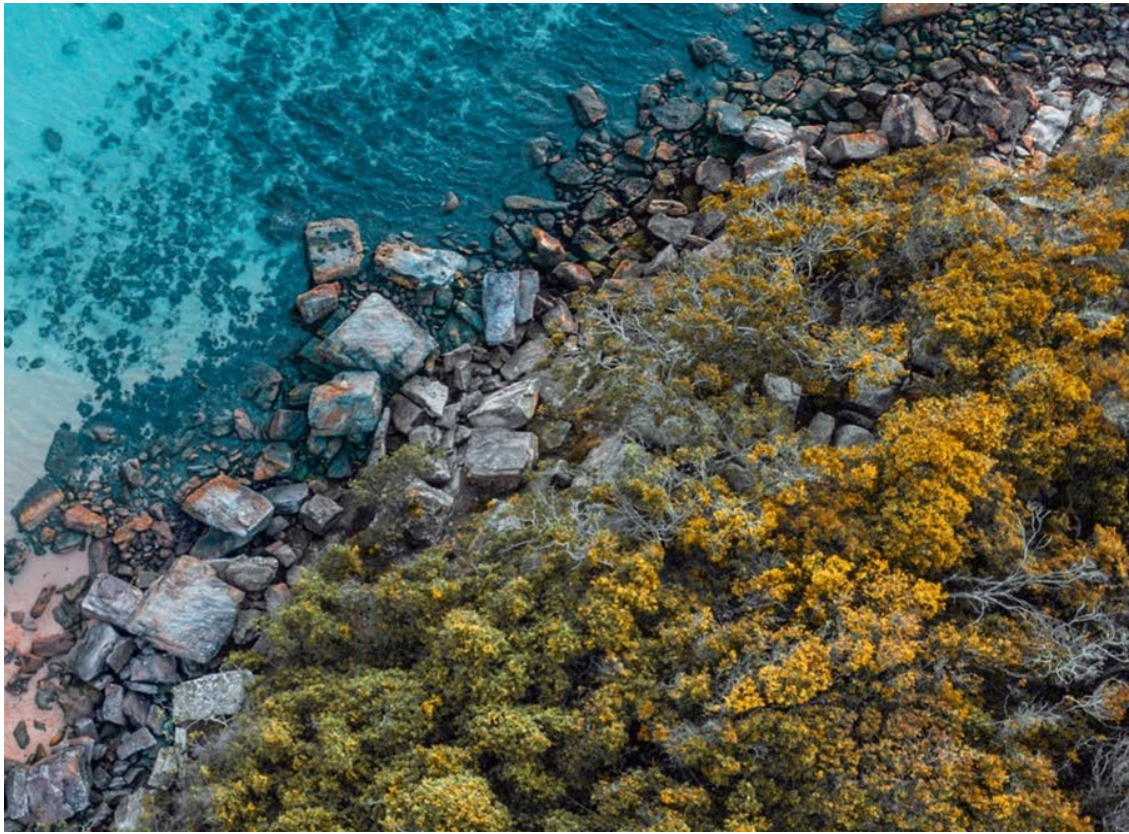
ACKNOWLEDGEMENT OF COUNTRY

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

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Australian Government

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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Where can I find training on…?

Google

edX

elixir

Microsoft Azure

AUSTRALIAN ACCESS FEDERATION

Future Learn

QCIF

Australian BioCommons

aarnet
Australia's Academic and Research Network

NCI AUSTRALIA

SYDNEY Informatics Hub

INTERSECT
RESEARCH FASTER

THE UNIVERSITY OF MELBOURNE

THE UNIVERSITY OF SYDNEY

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Melbourne Bioinformatics

aws

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

Digital Research Skills Australasia

launch at eResearch 2021

To be continued

WHO IS CURRENTLY INVOLVED

Product owner group

Australian BioCommons

Australian Research Data Commons

Federation University Australia

INTERSECT Research Faster

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QCIF

Core members

Australian Space Data Analysis Facility

CSIRO

Deakin University

The University Of Queensland Australia Create Change

Monash University

NCI Australia

The University of Newcastle Australia

The University of Sydney

Australian Access Federation

REANNZ

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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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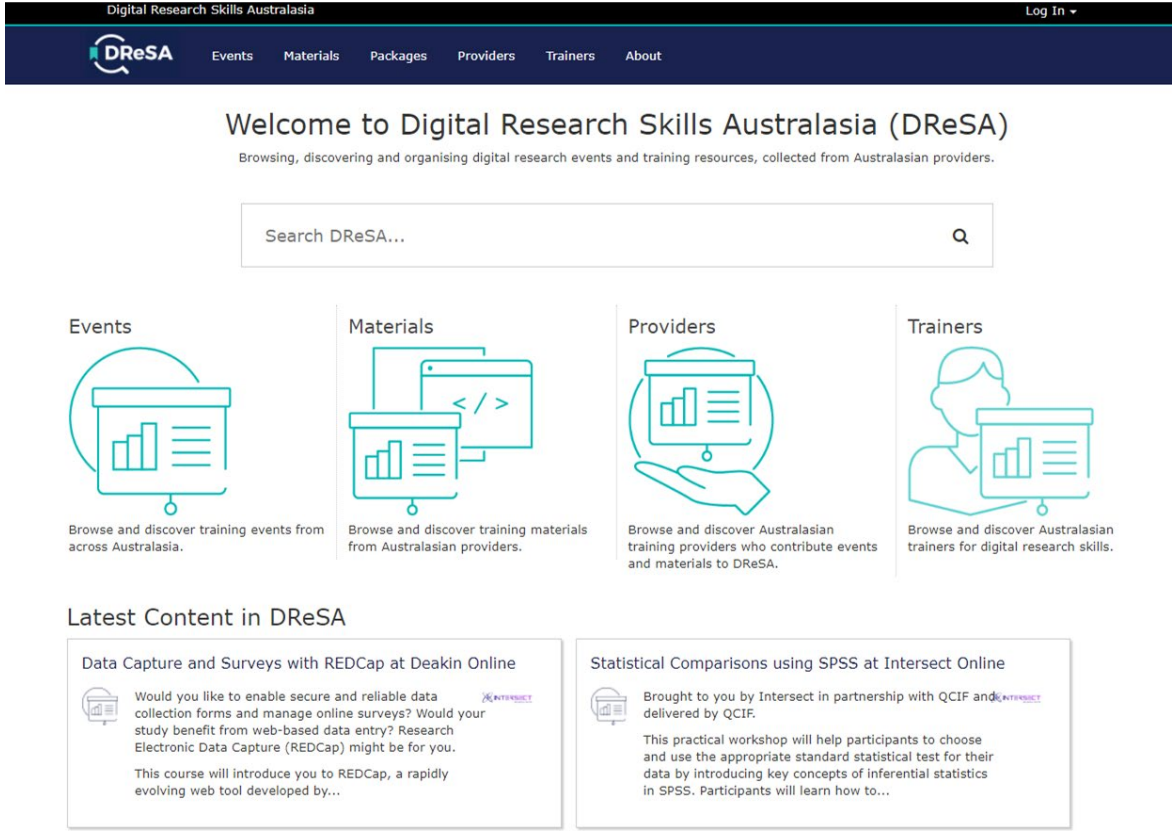
WHAT IS DReSA?

Over to you!

Take a look at dresa.org.au
and tell us what you think DReSA is/does



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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?

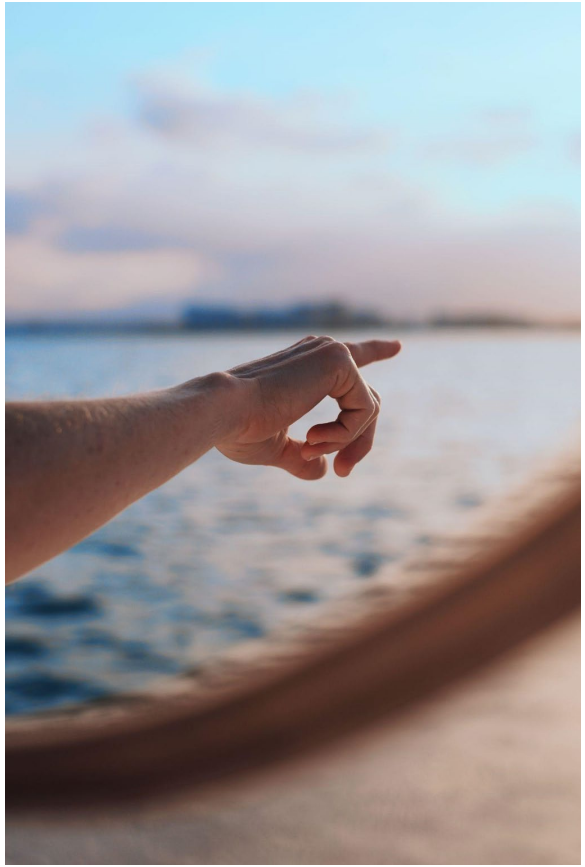

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Photo by Bruno Nascimento on Unsplash

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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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ardc.edu.au

contact@ardc.edu.au

+61 3 9902 0585

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