



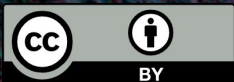
Australian Research Data Commons

Training resources for sharing and reuse

Skills Summit 2021

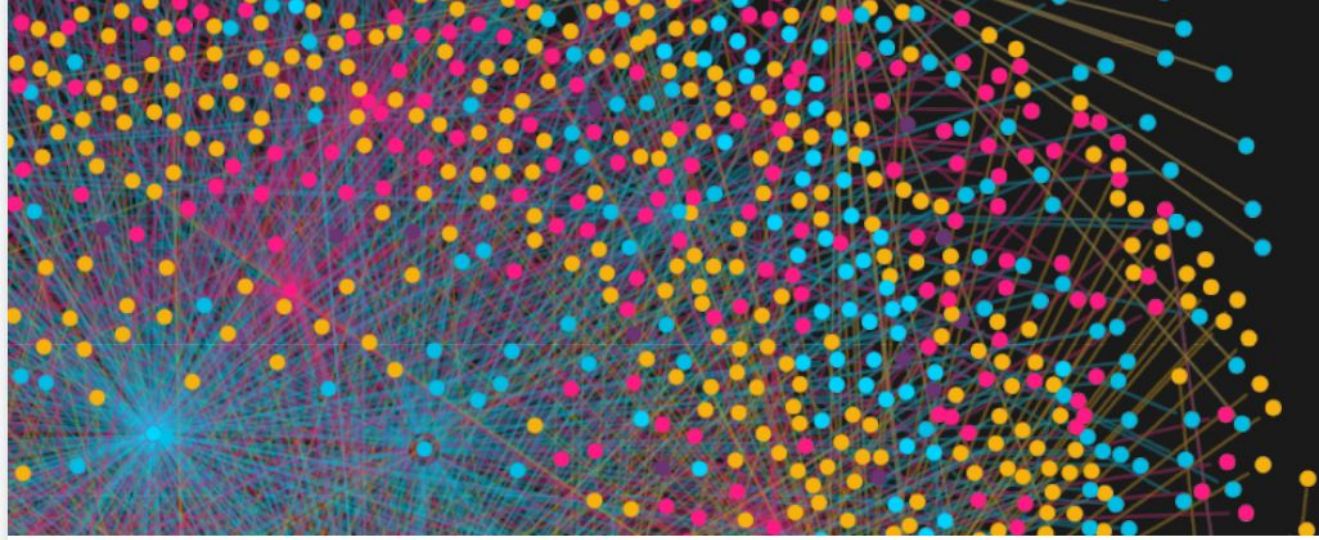
Dr Paula Andrea Martinez
Software Project Coordinator

13/10/2021



The Australian Research Data Commons is enabled by NCRIS.





Australian Research Data Commons

Skills: Participating in co-development of national skills materials

WP 4: Co-development of National Skills Materials

Containers in Research

Target: non-technical Early Career Researchers

Software Licensing and Citation

Target: Software Developers, Researchers, RSE

Checklist for Training Materials

Target: People developing Training Materials
WP2: Discoverability (metadata) and Standardisation

Data Governance

Target: Project leads from ARDC co investments

FAIR101

Target: Librarians, Research Support, Researchers

Machine Learning

List of resources
Target: CoP ML4AU

WP1: Online communities

Short Explainer Videos

Publishing Existing Resources

Documentation

Timeline: April, May, June. 2 days a week Contact: Paula Martinez

short explainer videos

Containers in Research

Target

Non-technical
Early Career
Researchers



Australian Research Data Commons, 2021. How can software containers help your research?. [video] Available at

<https://www.youtube.com/watch?v=HelrQnm3v4g> DOI:

<http://doi.org/10.5281/zenodo.5091260>

Research Data Governance

Target

Project leads from
ARDC co-
investments



Australian Research Data Commons, 2021. Research Data Governance. [video] Available at: https://youtu.be/K_xVQRdgClc
DOI: <http://doi.org/10.5281/zenodo.5044585>

Publishing Existing Resources

Software Licensing and Citation (1/2)

Researchers who code, Research Software Engineers (RSE)



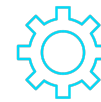
Infographic

[10.5281/zenodo.5003989](https://doi.org/10.5281/zenodo.5003989)



Slide Deck

[10.5281/zenodo.5091717](https://doi.org/10.5281/zenodo.5091717)



**Data and Software
Management
Guides**

[10.5281/zenodo.5091580](https://doi.org/10.5281/zenodo.5091580)

[10.5281/zenodo.5003962](https://doi.org/10.5281/zenodo.5003962)

Software Licensing and Citation (2/2)

Researchers who code, Research Software Engineers (RSE)

<https://ardc.edu.au/resources/working-with-research-software>

<https://ardc.edu.au/resources/working-with-research-software/software-citation/>

ARDC FAIR Data 101 self-guided materials

Librarians, Research Support, Researchers

Stokes, Liz, Liffers, Matthias, Burton, Nichola, Martinez, Paula A., Simons, Natasha, Russell, Keith, McCafferty, Siobhann, Ferrers, Richard, McEachern, Steve, Barlow, Melanie, Brady, Catherine, Brownlee, Rowan, Honeyman, Tom, & Quiroga, Maria del Mar. (2021, July 13). ARDC FAIR Data 101 self-guided. Zenodo. <https://doi.org/10.5281/zenodo.5094034>

Documentation Lists

Checklist for Training Materials

Target

People developing
Training Materials

| Checklist | | |
|---|--|---|
| Required | Recommended | Optional |
| <input type="checkbox"/> Title | <input type="checkbox"/> Index/Syllabus | <input type="checkbox"/> Field of Research code |
| <input type="checkbox"/> Description | <input type="checkbox"/> Audience | <input type="checkbox"/> Pre-requisites |
| <input type="checkbox"/> Identifier(s) (DOI, URL) | <input type="checkbox"/> Learning objectives | <input type="checkbox"/> Date created |
| <input type="checkbox"/> Licence(s) | <input type="checkbox"/> Author(s) | <input type="checkbox"/> Date modified |
| <input type="checkbox"/> Keywords | <input type="checkbox"/> Contributor(s) | <input type="checkbox"/> Date published |
| <input type="checkbox"/> Contact | <input type="checkbox"/> Time required | <input type="checkbox"/> Work status |
| | | <input type="checkbox"/> Learning resource type |
| | | <input type="checkbox"/> Version |
| | | <input type="checkbox"/> Subsets of this material |
| | | <input type="checkbox"/> This material is part of |

Martinez, Paula Andrea, & Unsworth, Kathryn. (2021). ARDC Training Materials Metadata Checklist v1.1 (1.1). Zenodo.

<https://doi.org/10.5281/zenodo.5276003>

Machine Learning list of resources

Target

Community of Practice
Machine Learning for Australia
ML4AU



Shared with the ML4AU community of practice

Objectives met

1. Use the FAIR principles to promote and facilitate the development of national, rather than local, skills materials
2. Foster the co-development of training materials for reuse and customisation to local needs
3. Engage ARDC staff in the co-creation, editing and review of the materials

Connect with us

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If you have any questions about these resources, get in touch with ARDC:


- ARDC Website: <https://ardc.edu.au>
- Contact Form: <https://ardc.edu.au/contact-us/>
- Twitter: https://twitter.com/ARDC_AU
- LinkedIn:
<https://www.linkedin.com/company/australian-research-data-commons/>
- YouTube: https://www.youtube.com/c/ARDC_AU



Australian Research Data Commons

Thank you

www.ardc.edu.au

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 [ARDC_AU](https://twitter.com/ARDC_AU)

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