Data management

Context

ARCCSS/CLEX

- Started 2011
- Centre of excellence ~ super-project
- 5 nodes

My team: CMS - technical support team

My role: anything to do with data!

At the start

- no DMP services available

- RDA was the only place we could publish metadata

- Actual data publishing could only happen via specific projects (e.g. CMIP)

- No way to expose data or get a DOI

DMPonline

Discovered at e-research workshop

Adapted it for use by ARCCSS/CLEX

Main goals

- "Pushing" researchers to use DMPs

- Interface accessible to researchers to fill in information

  for RDA publication

- Educating researchers on data management

Later on ...

NCI starts publishing data and we create the ARCCSS collection

DMPonline was adapted to provide the necessary plans:

DMP → export as xml → converted to NCI-geonetwork record using xslt → uploaded to their server
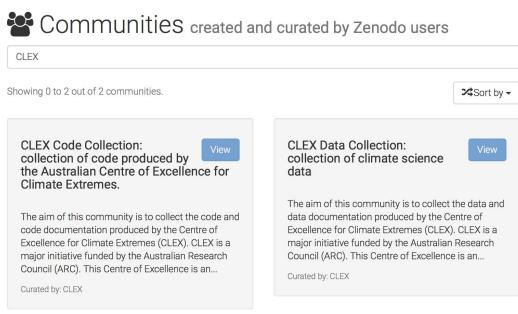
Current version:

https://clex.dmponline.cloud.edu.au

Today ...

Adding Zenodo collections

- One place to find all our data independently of where it is

  published

- Ability to publish code

- Researchers prefer it ???

- Long term past CLEX life

- Focusing on legacy

- CLEVER reporting system

Challenges

- Researchers are time poor

- DMP are still seen as bureaucratic exercise

- Too many different services the change often but not a dedicated one

- Climate science is interdisciplinary and not yet organised to have their own clear standards

Challenge is to have a climate community solution

ARDC and FAIR helped a lot!!!!

AMOS Creating a collaborative approach to climate data

Working groups - RDA style

- Working with challenging datasets

- Climate dataset guidelines

- Creation of a single catalogue/access point for climate data

- Enabling data access across institutions

With BoM, CSIRO and independents