

# A research data management plan

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# Research data management plans

What we have learned so far:

- ▶ Increasing data and methods publishing can really move science forward
  - ▶ It will help you as a researcher (you can find data and use methods easier)
  - ▶ It will help the whole science community
  - ▶ It might resolve some of the issues around peer review and costs of publishing
- ▶ Good meta data are the key for data re-use and discovery
- ▶ Writing meta data is quite a job, especially after the fact
- ▶ We need to develop strategies and methods to tackle this when we start!
- ▶ **Research data management plans**

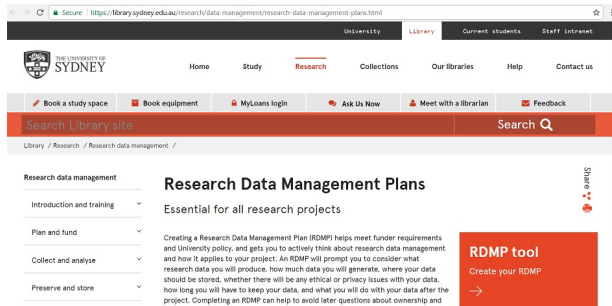
# What are the main components of a research data management plan?

Unsurprisingly: **Metadata**

- ▶ Who are involved (who owns the data)
- ▶ How you collect the data
- ▶ How you consistently describe the data content
- ▶ Where you store the data and how you store the data (format and file structure)
- ▶ How you plan to curate the data (where is the long-term home of the data)

# Schematic of a research data management plan

## ► The University of Sydney Research Data Management Plan



- The RDMP at USYD is currently being revised to be more focussed on the actual research data management
- A living document, a “readme.txt” for the project.

# Best practice in research data management

- ▶ **Best practice**
- ▶ Go through website

The concepts of vocabulary and disctionary