- Focus on capability, not technology
- Gather existing requirements, not future desires
- Put it in the context of a generic research project workflow
Research Project Workflow

Gathering Research Data

Do you process the data?

Yes

Working with Research Data

Data Computation

No

Research Data Retention

Do you need to keep the data?

Yes

Supplemental Questions

No
Most research data is collected manually
19% use data from computer simulations
22% use data from sensors or instruments
- 51% require under 25 GB per project
- 71% under 100 GB
- Four project per year on average
- Portable HDDs beat internal HDDs by 1%
- 32% use third party storage providers
- Collaboration
- Remote Access
- 76% work with colleagues from other Australian universities.
- 61% with industry partners
- 59% with international collaborators
- 41% with government agencies
34% say they do compute intensive research
90% of those use their desktop only
71% are perfectly happy with what they have
- 91% want to retain their data
- 68% want to make their data citable
- 23% want to make publically discoverable
- Authorized access
- Reliable and secure
- Implement retention times and disposal authorities
http://tiny.cc/curtinictsurvey
http://hdl.handle.net/102.100.100/8799
florian.goessmann@curtin.edu.au