Citation for published version:

Publication date:
2011

Link to publication

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Derestricting Datasets
How to License Research Data

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25 February 2011
Outline

Why license research data?

Licensing options
  Creative Commons
  Open Data Commons
  Open Government Licence
  GILF/AusGOAL Licences
  Design Science Licence
  Public Domain

Mechanisms for Licensing Data

Further Information

Group Exercise
Why license research data?

The open data argument
- To allow the data to be used in new ways: comparative studies, data mining, interdisciplinary studies, ‘citizen science’…
- To permit greater scrutiny of research
- To raise standards of documentation
- To protect researchers from challenges
- To accelerate community-wide learning from experience
- To increase efficiency
- To increase impact

The pragmatic argument
- To provide clarity
Types of licenses

- **Contracts**

- **Pure licences**

- **Waivers**
Licensing questions

1. Do you need to make a choice?
   - Institutional policy
   - Data archive policy
2. Would a standard licence suffice?
3. Do you need to write your own licence?
4. Do you need more than one licence?
Multiple licensing

Creative Commons

- **BY** Attribution
- **NC** Non-Commercial
- **SA** Share Alike
- **ND** No Derivatives
Creative Commons

- **BY**: Attribution
  - Attribution stacking

- **NC**: Non-Commercial
  - What counts as commercial?

- **SA**: Share Alike
  - Reduces interoperability

- **ND**: No Derivatives
  - Severely restricts use
Open Data Commons

▶ Attribution Licence (ODC-BY)
  ▶ ☑ / ⏯

▶ Open Database Licence (ODC-ODbL)
  ▶ ☑ ☑ / ⏯ 🔒

▶ Explicitly distinguishes database structure from contents, and deriving visualisations from deriving new databases.
Open Government Licence

- Attribution
- Terminates on illegal/misleading usage of data
- Can only be used for public sector data
- Cannot be used for logos, insignia, personal data, otherwise encumbered data
- Does not distinguish database structure from contents
Six Australian CC Licences

Restrictive Licence

- Contract template: standard legal code modified using schedules
- Expiry date
- Geographical restriction
- Different copying/distribution terms for confidential and ordinary data
- Licence fees
- Other restrictions and permissions
Design Science Licence

- Attribution and Share Alike
- Distinguishes source data from visualisations
- Does not distinguish database structure from contents
- Redistribution requirements
Public Domain

- Creative Commons Zero (CC0)
- Open Data Commons Public Domain Dedication and Licence (ODC-PDDL)
- Open Data Commons Database Contents Licence (ODC-DbCL)
- Community norms?
Attaching the licence to the data

[This database is/These data are/(name of dataset) is] made available under the Public Domain Dedication and License v1.0 whose full text can be found at:
http://www.opendatacommons.org/licenses/pddl/1.0/

http://www.example.com/data/set/1

http://purl.org/dc/terms/license

http://www.opendatacommons.org/licenses/pddl/1.0/
Further Information

A Digital Curation Centre and JISC Legal 'working level' guide

**How to License Research Data**

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Licensed under Creative Commons BY-NC-SA 2.5 Scotland:
http://creativecommons.org/licenses/by-nc-sa/2.5/scotland/

http://www.dcc.ac.uk/resources/how-guides/license-research-data

http://www.web2rights.com/OERIPRSSupport/

▶ Starter Pack
▶ Diagnostic Tools
Thank you for your attention

DCC Website: http://www.dcc.ac.uk/
Alex Ball: http://www.ukoln.ac.uk/ukoln/staff/a.ball/
How would you license the following datasets?

1. Power consumption at your house
2. Temperature and humidity readings from a well-sited Stevenson Screen
4. Anonymised genomic/proteomic data
5. Amounts of carbon and energy embedded in building materials
6. Recordings, transcriptions and annotations of simulated design meetings