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# Derestricting Datasets

## How to License Research Data

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DCC/UKOLN, University of Bath

25 February 2011



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Funded by **JISC**

# 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

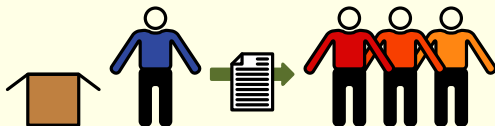


# Types of licenses

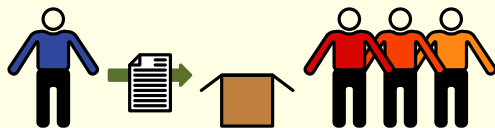
## ▶ Contracts



## ▶ Pure licences



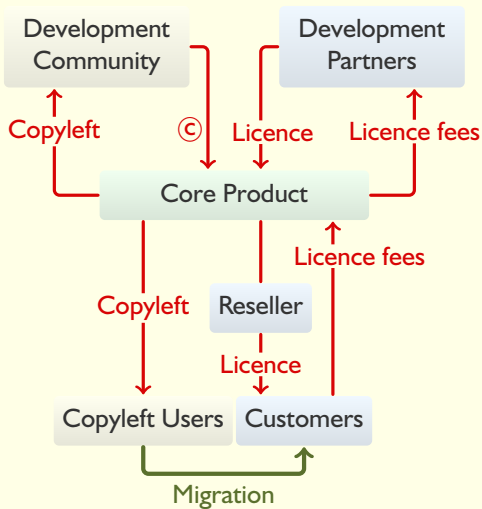
## ▶ Waivers



# 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



Välimäki, M. (2003). Dual licensing in open source software industry. *Systemes d'Information et Management*, 8 (1), 63–75. Retrieved 3 September 2010, from <http://opensource.mit.edu/papers/valimaki.pdf>

# 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

The logo for Open Data Commons, featuring the words "open data" stacked above "commons" in a serif font, with a light blue and orange background.

- ▶ 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



## Open Government Licence

for public sector information

- ▶ 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

Alex Ball (DCC)



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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.dcc.ac.uk/resources/how-guides/license-research-data)



[http://www.web2rights.com/  
0ERIPRSupport/](http://www.web2rights.com/0ERIPRSupport/)

- ▶ 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/>

# Group Exercise

How would you license the following datasets?

1. Power consumption at your house
2. Temperature and humidity readings from a well-sited Stevenson Screen
3. Wealth and assets survey data (2006–2008)
4. Anonymised genomic/proteomic data
5. Amounts of carbon and energy embedded in building materials
6. Recordings, transcriptions and annotations of simulated design meetings