



Linked Open Data – VALA L-Plate series

Peter Neish
Research Data Curator

@peterneish

Digital Scholarship, Research and Collections,
The University of Melbourne



- **Data** can refer to any kind of information on the web – e.g. bibliographic records, media files, places, events, experimental data...
- **Linked Data** is a term for the practices and protocols for publishing and connecting data on the Web
- **Linked Open Data** is Linked Data that is released under an open license

schema.org

- sponsored by google, microsoft, yahoo and yandex
- enables web content to be marked up with a common schema / vocabulary / ontology
- Helps search engines, but used in many other areas
- being extended for bibliographic information and archives



Linked Data

[More info about Linked Data](#)

Primary Entity

<<http://www.worldcat.org/oclc/29007971>> # **The Spycatcher trial**
 a [schema:Book](#), [schema:CreativeWork](#) ;
 library:oclcnum "29007971" ;
 library:placeOfPublication <http://experiment.worldcat.org/entity/work/data/21169486#Place/richmond_vic> ; # **Richmond, Vic.**
 library:placeOfPublication <<http://id.loc.gov/vocabulary/countries/vra>> ;
 schema:about <http://experiment.worldcat.org/entity/work/data/21169486#Person/wright_peter_1916_1995> ; # **Peter Wright**
 schema:about <<http://id.loc.gov/authorities/classification/KTA373>> ;
 schema:about <http://experiment.worldcat.org/entity/work/data/21169486#Topic/book_industries_and_trade_law_and_legislation_australia> ; # **Book industries and trade--Law and legislation--Australia**
 schema:about <<http://id.worldcat.org/fast/836195>> ; # **Book industries and trade--Law and legislation**
 schema:about <<http://viaf.org/viaf/134205915>> ; # **William Heinemann Australia**
 schema:about <<http://dewey.info/class/342.9408530264/e19/>> ;
 schema:about <<http://id.loc.gov/authorities/subjects/sh85051711>> ; # **Freedom of the press**
 schema:about <<http://id.worldcat.org/fast/934063>> ; # **Freedom of the press**
 schema:about <<http://id.worldcat.org/fast/1204543>> ; # **Australia**
 schema:about <http://experiment.worldcat.org/entity/work/data/21169486#Place/great_britain> ; # **Great Britain**
 schema:about <<http://id.worldcat.org/fast/945183>> ; # **Government and the press**
 schema:about <<http://id.worldcat.org/fast/1204623>> ; # **Great Britain**
 schema:about <<http://id.loc.gov/authorities/subjects/sh85056044>> ; # **Government and the press**
 schema:about <<http://viaf.org/viaf/84043883>> ; # **Peter Wright**
 schema:bookFormat [bgn:PrintBook](#) ;
 schema:creator <<http://viaf.org/viaf/1553625>> ; # **Malcolm Turnbull**
 schema:datePublished "1988" ;
 schema:exampleOfWork <<http://worldcat.org/entity/work/id/21169486>> ;
 schema:genre "Trials, litigation, etc."@en ;
 schema:inLanguage "en" ;
 schema:name "The Spycatcher trial"@en ;
 schema:productID "29007971" ;
 schema:publication <http://www.worldcat.org/title/-/oclc/29007971#PublicationEvent/richmond_vic_william_heinemann_australia_1988> ;
 schema:publisher <http://experiment.worldcat.org/entity/work/data/21169486#Agent/william_heinemann_australia> ; # **William Heinemann Australia**
 schema:workExample <<http://worldcat.org/oclc/29007971>> ;

[Permalink](#)

ries

of

of

8001,

ustralia

library

Ad

Lin

- <https://schema.org/memberOf>



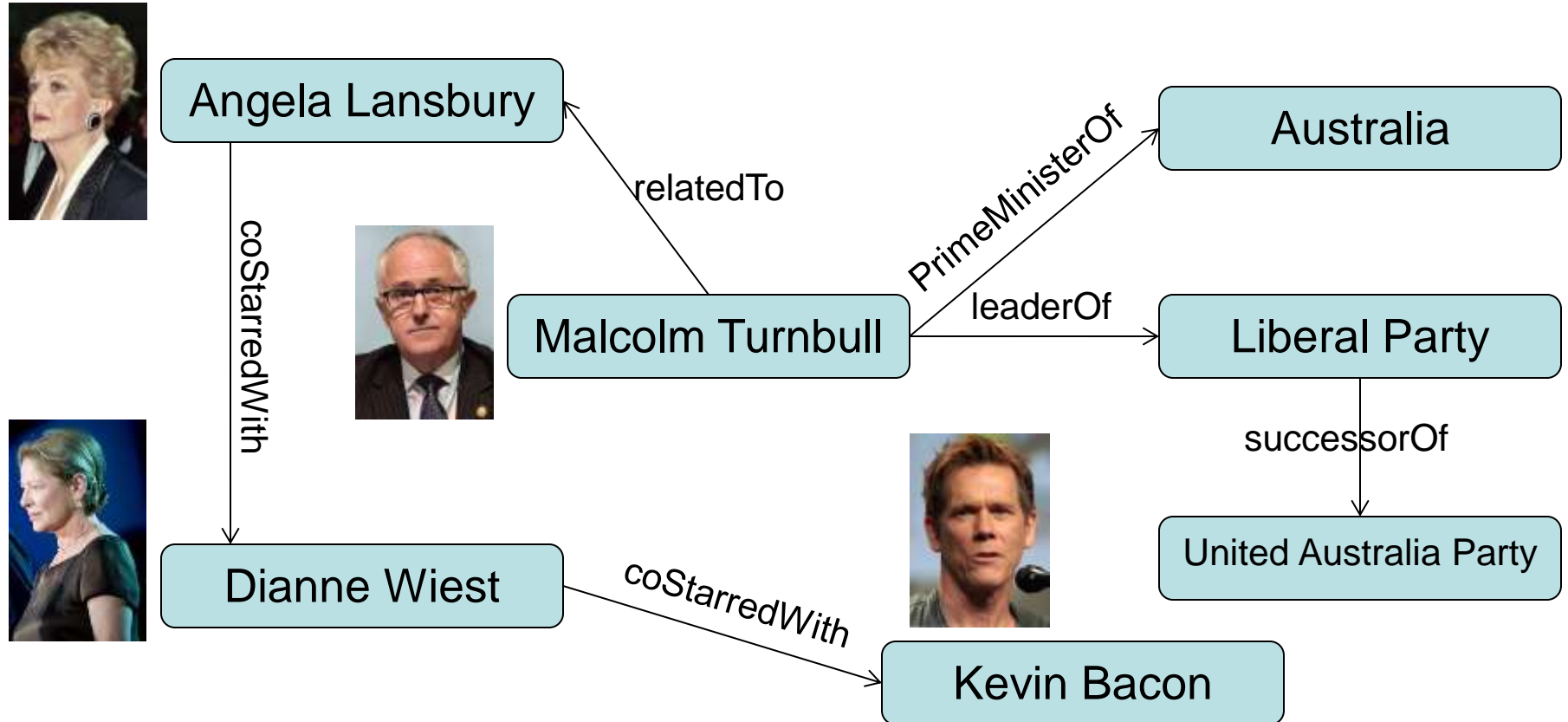
Malcolm Turnbull

<http://id.loc.gov/authorities/n88053591>

memberOf

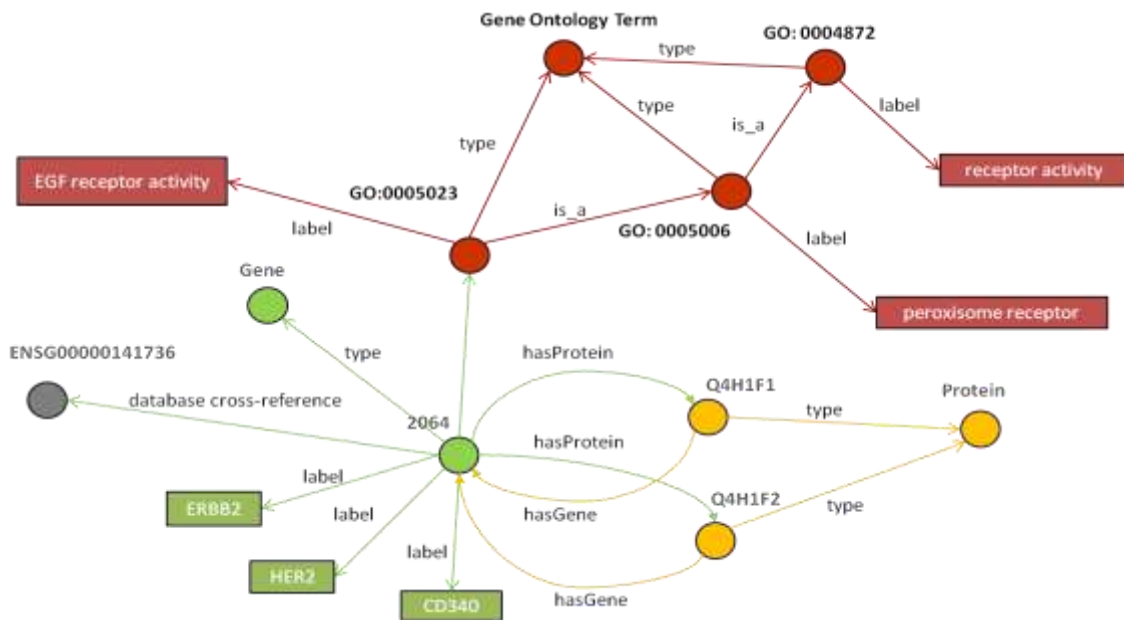
Liberal Party

<http://wikidata.org/entity/Q241149>





linked life data



★ make your stuff available on the web (whatever format)

★★ make it available as structured data (e.g. excel instead of image scan of a table)

★★★ non-proprietary format (e.g. csv instead of excel)

★★★★ use URLs to identify things, so that people can point at your stuff

★★★★★ link your data to other people's data to provide context





bit.ly/valalod

Image Credits

- https://commons.wikimedia.org/wiki/File:Malcolm_Turnbull_2014.jpg By Вени Марковски | Veni Markovski (Own work) [CC BY-SA 4.0 (<http://creativecommons.org/licenses/by-sa/4.0>)], via Wikimedia Commons
- https://commons.wikimedia.org/wiki/File%3AAngela_Lansbury.jpg photo by Alan Light [CC BY 2.0 (<http://creativecommons.org/licenses/by/2.0>)], via Wikimedia Commons
- https://commons.wikimedia.org/wiki/File%3ADianne_Wiest_2009.jpg By MC1 Chad J. McNeeley, U.S. Navy [Public domain], via Wikimedia Commons