



Introducing Wikibase

Use cases, ecosystem and data model

Georgina Burnett, Mohammed Sadat Abdulai, Phil Stacey, Eugene Morozov

Open Source KO and Reference Data Stack

Taxonomy Management



Taxonomy Publication



Subject Indexing



Document Management



Linked Data Storage



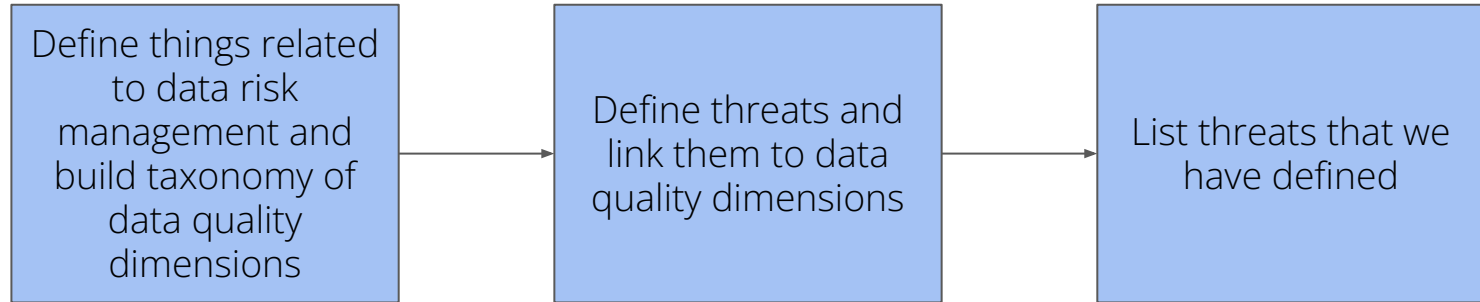
By the end of this workshop you'll be familiar with features of Wikibase and have some hands-on experience with it.

Wikibase introduction
by Georgina Burnett, Mohammed Sadat Abdulai

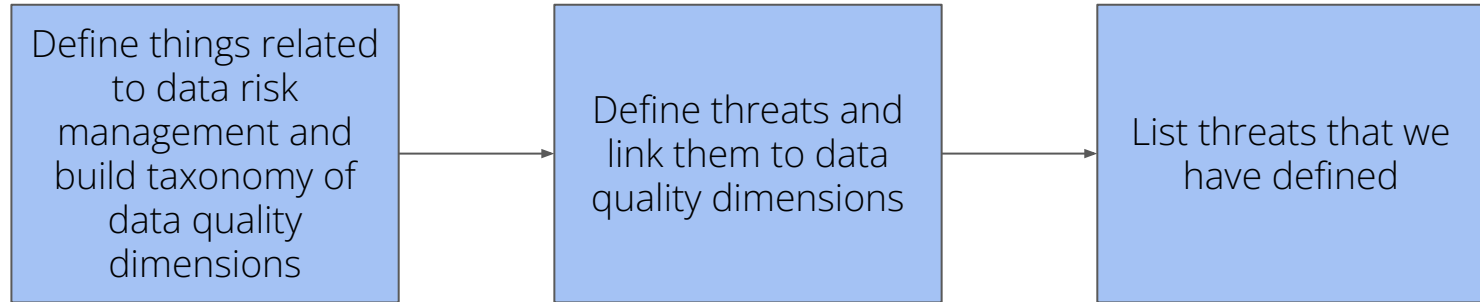
Wikibase hands on
by Eugene Morozov and Phil Stacey

Use case of collaborative threat modelling for data risks.

How are we going to collaborate?



And in Wikibase terms...



Create base set of Items (Principle, Policy, Threat, Vulnerability, etc.) and Properties

Create Threat Items and specify Property values for them

Show items linked to Threat Item

Picking CPG 235 Managing Data Risk

Items marked green are already created in our Wikibase instance

Principle

Policy

Standard

Guideline

Procedure

Control

Threat

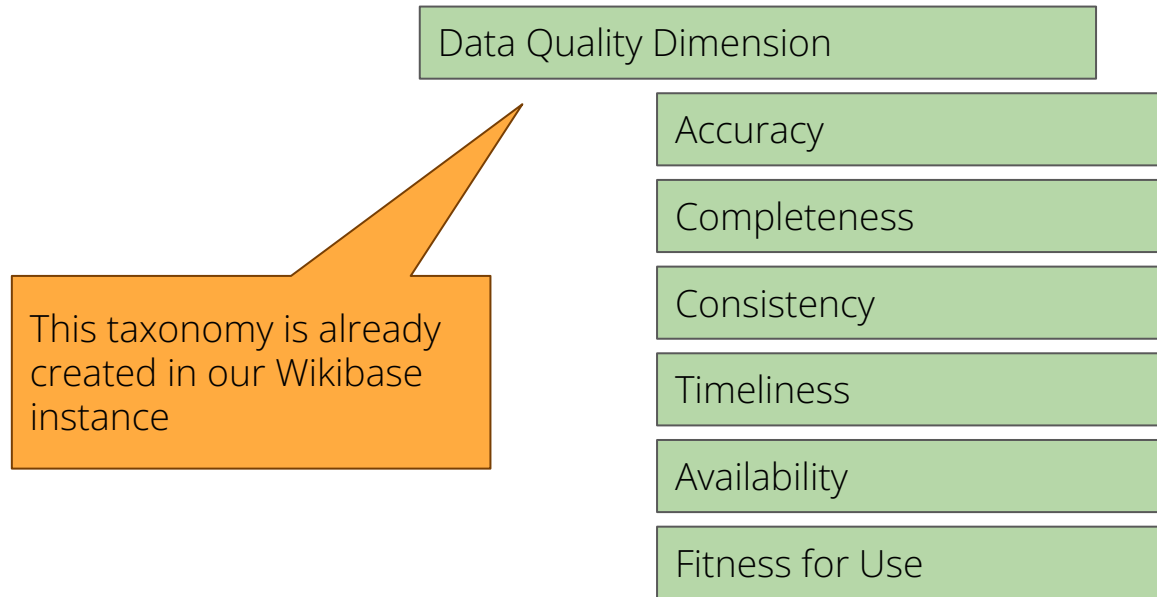
Vulnerability

This is what we are interested in most for this exercise

Source: Australian Prudential Regulation Authority CPG 235 – Managing Data Risk. September 2013.

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Picking CPG 235 Managing Data Risk



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Wikibase instance available for the workshop

https://iskouk-workshop.wiki.opencura.com/wiki/Main_Page

You can register with your email address to contribute.

No login is required to just follow along.

Data will be deleted after the workshop.



- Main page
- Recent changes
- Random page
- Help about MediaWiki
- Tools
- Special pages
- Printable version
- Wikibase
- New Item
- New Property
- New Schema
- All Properties
- Query Service
- Cradle
- QuickStatements

Special page

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Email address

Real name (optional)

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0
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- Main page
- Recent changes
- Random page
- Help about MediaWiki

- Tools
- Special pages
- Printable version

- Wikibase
- New Item
- New Property
- New Schema
- All Properties
- Query Service
- Cradle
- QuickStatements

Create a new Item

Make sure to check if the Item already exists!

You should create a **label** and a **description** for all new items.

By clicking "Create", you agree to the **terms of use**, and you irrevocably agree to release your contribution under the [None yet set].

Create a new Item

Language:

en

Label:

Data Quality Dimension

Description:

Data quality can be assessed using a range of dimensions. The relevance of each of these dimensions will var

Aliases, pipe-separated:

enter some aliases in English


Create

Data Quality Dimension - ISKO U x +

iskouk-workshop.wiki.opencura.com/wiki/Item:Q13

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Item Discussion

Data Quality Dimension (Q13)

Dimensions typically considered in the assessment of data quality. [edit](#)

[In more languages](#)
Configure




Language	Label	Description	Also known as
English	Data Quality Dimension	Dimensions typically considered in the assessment of data quality.	
British English	No label defined	No description defined	

Statements

[+ add statement](#)

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[Privacy policy](#) [About ISKO UK November 2021](#) [Disclaimers](#) [Mobile view](#)

Platform by   

[Main page](#)
[Recent changes](#)
[Random page](#)
[Help about MediaWiki](#)

Tools

[What links here](#)
[Related changes](#)
[Special pages](#)
[Printable version](#)
[Permanent link](#)
[Page information](#)
[Concept URI](#)

Wikibase

[New Item](#)
[New Property](#)
[New Schema](#)
[All Properties](#)
[Query Service](#)
[Cradle](#)
[QuickStatements](#)

[In other languages](#)
[Add links](#)

Editing Item talk:Q13 - ISKO UK | x +

iskouk-workshop.wiki.opencura.com/w/index.php?title=Item_talk:Q13&action=edit

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Item Discussion Read Edit Add topic View history More Search ISKO UK November 2021

Editing Item talk:Q13

B *I* u > [Advanced](#) > [Special characters](#) > [Help](#)

Data quality can be assessed using a range of dimensions. The relevance of each of these dimensions will vary depending upon the nature of the data. [[Item:Q7|Accuracy]], [[Item:Q8|Completeness]], [[Item:Q9|Consistency]], [[Item:Q10|Timeliness]], [[Item:Q11|Availability]] and [[Item:Q12|Fitness for Use]].

For more details on CPG 235 see: <https://www.apra.gov.au/managing-data-risk>

Summary:

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Main page
Recent changes
Random page
Help about MediaWiki

Tools
What links here
Related changes
Special pages
Page information

Wikibase
New Item
New Property
New Schema
All Properties
Query Service
Cradle
QuickStatements

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Item talk:Q13

Data quality can be assessed using a range of dimensions. The relevance of each of these dimensions will vary depending upon the nature of the data. Accuracy, Completeness, Consistency, Timeliness, Availability and Fitness for Use.

For more details on CPG 235 see: <https://www.apra.gov.au/managing-data-risk>

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Main page
Recent changes
Random page
Help about MediaWiki

Tools

What links here
Related changes
Special pages
Printable version
Permanent link
Page information

Wikibase

New Item
New Property
New Schema
All Properties
Query Service
Cradle
QuickStatements

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Add links

Create a new Property - ISKO UK x +

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Create a new Property

Make sure to check if the Property already exists!
You should create a **label** and a **description** for all new Properties, and in addition a valid Property type.

By clicking "Create", you agree to the **terms of use**, and you irrevocably agree to release your contribution under the [None yet set].

Create a new Property

Language:

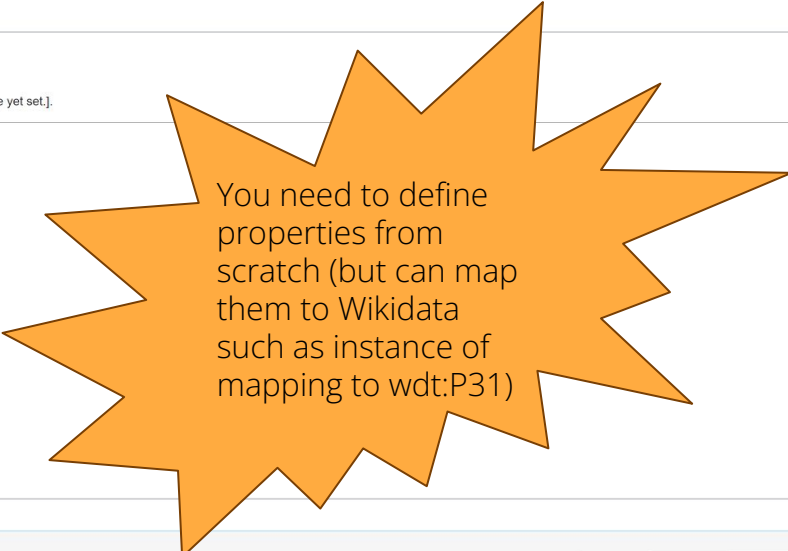
Label:

Description:

Aliases, pipe-separated:





Data type:

[Create](#)



You need to define properties from scratch (but can map them to Wikidata such as instance of mapping to wdt:P31)

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List of Properties - ISKO UK Novem x +

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Special page

List of Properties

Get a list of Properties by data type

Data type:

All data types

Find




Showing below up to **2** results starting with #1.

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

1. instance of (P1)
2. broader (P2)

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

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https://iskouk-workshop.wiki.opencura.com/wiki/Special:ListProperties

Accuracy - ISKO UK November 21 | +

iskouk-workshop.wiki.opencura.com/wiki/Item:Q7

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Accuracy ^(Q7)

The degree to which data is error free and aligns with what it represents. [edit](#)

[In more languages](#)
Configure

Language	Label	Description	Also known as
English	Accuracy	The degree to which data is error free and aligns with what it represents.	
British English	No label defined	No description defined	

Statements

broader

[save](#) [remove](#) [cancel](#) [?](#)

[+](#) add qualifier
Dimensions typically considered in the assessment of data quality.

[+ add reference](#)

[+ add value](#)

[+ add statement](#)

[0 references](#)

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<https://iskouk-workshop.wiki.opencura.com/wiki/Item:Q13>

Create a new Item that is an
instance of (P1) Threat (Q14) and
related to (P3) Availability (Q11)

Pages that link to "Item:Q13" - IS - x +

iskouk-workshop.wiki.opencura.com/wiki/Special:WhatLinksHere/Item:Q13

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Item Discussion Read View history More Search ISKO UK November 2021

Pages that link to "Item:Q13"

← Data Quality Dimension (Q13)

What links here

Page: Namespace: Invert selection

Filters

[Hide transclusions](#) | [Hide links](#) | [Hide redirects](#)

The following pages link to **Data Quality Dimension (Q13)**:

Displayed 6 items.

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

- [Accuracy \(Q7\)](#) (← links)
- [Completeness \(Q8\)](#) (← links)
- [Consistency \(Q9\)](#) (← links)
- [Timeliness \(Q10\)](#) (← links)
- [Availability \(Q11\)](#) (← links)
- [Fitness for Use \(Q12\)](#) (← links)

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

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Pages that link to "Item:Q14"

← Threat (Q14)

What links here

Page: Namespace: Invert selection

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[Hide transclusions](#) | [Hide links](#) | [Hide redirects](#)

The following pages link to **Threat (Q14)**:

Displayed 4 items.

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

- [Data store is down \(Q16\)](#) (← links)
- [Data got accidentally erased by buggy software \(Q17\)](#) (← links)
- [Hacker \(Q20\)](#) (← links)
- [Data kaBOOM oh no! \(Q21\)](#) (← links)

View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)

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References

- Wikibase: <https://wikiba.se/>
- Wikibase data model primer: <https://www.mediawiki.org/wiki/Wikibase/DataModel/Primer>
- Workshop Wikibase instance: https://iskouk-workshop.wiki.opencura.com/wiki/Main_Page
- ISKO UK: <https://www.iskouk.org/>
- More Open Source vocabulary tools: <https://github.com/gbv/bartoc.org/wiki/Software-for-controlled-vocabularies>
- APRA CPG 235 - Managing Data Risk: <https://www.apra.gov.au/managing-data-risk>