



Wikidata-enabled Infobox Workshop

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Overview

1. Install Module:WikidataIB
2. Modify/duplicate an existing infobox
 1. Match infobox lines with wikidata properties
 2. Write documentation
3. Use in some articles to demonstrate it working
4. Get community consensus!
5. Roll out to many articles?
6. (Get mapframe installed & other optional tools)

How to access Wikidata info

Property number
(‘instance of’)

Wikidata item
(‘Universe’)

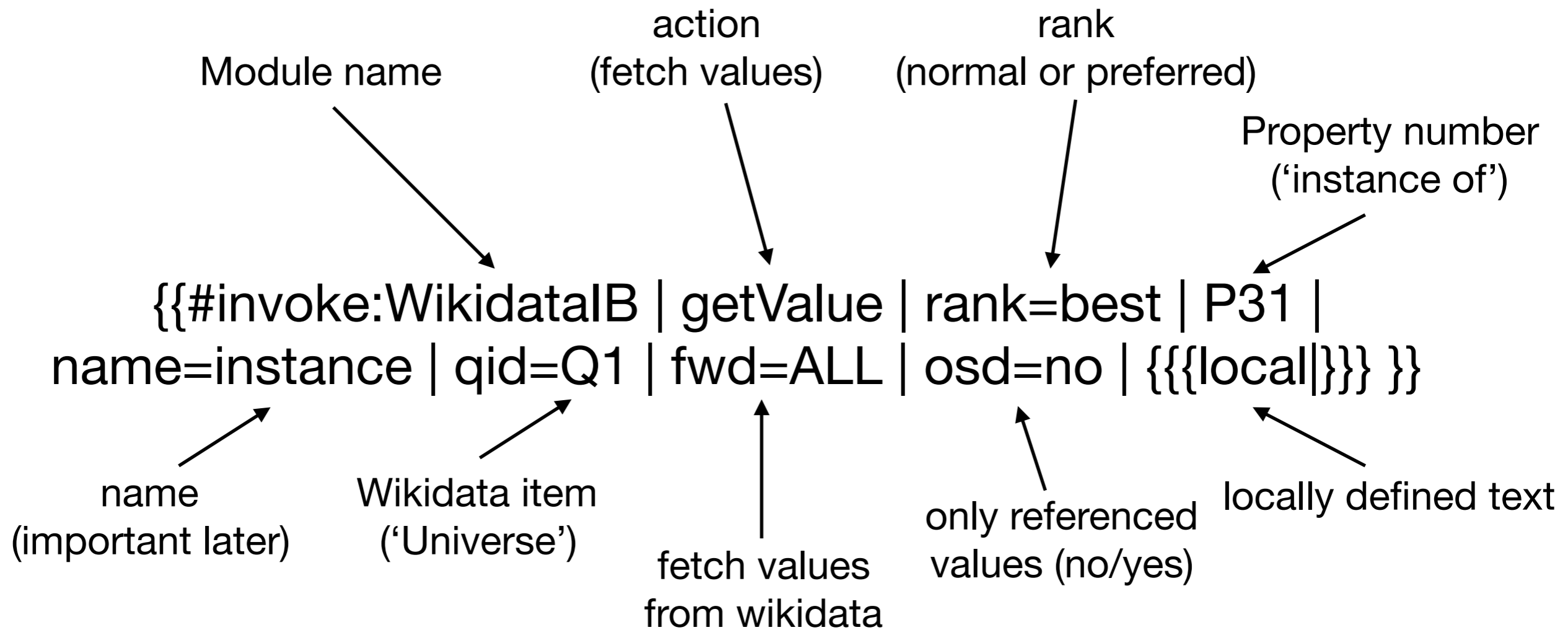


```
graph TD; A[Property number ('instance of')] --> C[{{#property:P31|from=Q1}}]; B[Wikidata item ('Universe')] --> C;
```

`{{#property:P31|from=Q1}}`

→ “universe” (Q36906466)

How to access Wikidata info



→ “universe  ” (Q36906466)

Installing the module

Copy-paste these to your wiki:

<https://commons.wikimedia.org/wiki/Module:WikidataIB>

<https://commons.wikimedia.org/wiki/Module:WikidataIB/doc>

Translate the i18n parameters at the top of the page

Modify an infobox

P138 = “named after”

Before:

```
| label3 = Named&nbsp;after  
| data3 ={{{namedafter}}}
```

After:

```
| label3 = Named&nbsp;after  
| data3 ={{#invoke:Wikidata|B | getValue | rank=best | P138 |  
name=namedafter | qid={{qid}} |  
suppressfields={{suppressfields}} |  
fetchwikidata={{fetchwikidata|ALL}} |  
onlysourced={{onlysourced|no}} | {{{namedafter}}} }}
```

suppress fields

```
{{Infobox telescope|suppressfields=instance, namedafter}}
```

```
{{Infobox telescope|fetchwikidata=instance, namedafter}}
```

```
{{Infobox telescope|onlysourced=yes}}
```



Labels & descriptions

{{#invoke:Wikidata|B|getLabel|Q555130}}
“Lovell Telescope”


{{#invoke:Wikidata|B|getDescription|wikidata|qid=Q555130}}
“radio telescope at Jodrell Bank Observatory, Cheshire in the
north-west of England”

Qualifiers

qual=P585

[construction](#), first light (2 August 1957) 

qual=DATES

[construction](#) (3 September 1952 – 1957), first light 

qual=ALL

[construction](#) (3 September 1952, 1957), first light (2 August 1957) 

Images

```
[[File:{{#invoke:Wikidata|B |getValue|rank=best |P18 |
    name=image |qid={{getQID|qid={{q|}}}} |
spf={{suppressfields|}} |fwd=ALL |osd=no |noicon=yes |
    maxvals=1}}|210px]]
```

```
[[File:{{#invoke:Wikidata|B |getValueByLang |qid={{getQID|
qid={{q|}}}} |P51 |fwd=ALL |osd=no |noicon=true |
    name=audio |maxvals=1}}|100px]]
```

Dates (on Commons)

Multilingual (not yet supported in Wikidata|B):

```
{{#invoke:Wikidata date|date|item=Q555130|property=P729}}
```

Unit conversions (on enwp)

{{convert|input=P2386|qid=Q555130|ft|m|abbr=on}}

→ 250 ft (76 m)

References

{{wikidata|references|normal+|Q555130|P138}}

[1]

1. [^] <http://www.jb.man.ac.uk/aboutus/lovell/build.html> ; retrieved: 21 September 2015.

Auto-categorisation

```
{{#if:{{#property:P3759|from={{getQID|qid={{qid}}}}}}|  
[[Category:Uses of Wikidata Infobox providing SAHRA ids|  
{{#property:P3759|from={{getQID|qid={{qid}}}}]]}}
```

Show/hide large sets of values

collapse=10 | maxvals=30

Director	Jon Favreau
Cast member	[Show]
Date of publication	2 May 2008 / 30 April 2008 / 30 April 2008 / 1 May 2008

Authority control

Copy from Commons:

{{Authority control|Wikidata=}}

{{Wikidata ID|P214|P227}}

Maps

```
{{Mapframe/Wikidata|zoom={{AutoMapZoom|{{#invoke:wd|  
property|raw|{{getQID|qid={{qid}}}}|P2046}}}}|  
marker_size=medium|marker_color=006699|align=center|  
width=200|height=200|qid={{GetQID|qid={{qid}}}}}}
```

Old style: `{{Wikidata location map}}` (on enwp)

Maps

```
<includeonly>{{#tag:mapframe|
[{{#ifeq:{{{shape|}}} |no| |{"type": "ExternalData", "service": "geoshape", "ids": "{{GetQID|
qid={{{qid|}}}}", "properties": { "fill": "{{{background_color|999999}}}", "stroke":
"#{{{{stroke_color|636363}}}", "stroke-width": {{{stroke_width|2}}} } },}}
{{#ifeq:{{{marker|}}} |no| |{"type": "Feature", "geometry": { "type": "Point", "coordinates":
[{{#invoke:WikidataIB|getValue|rank=best|P625|qid={{GetQID|qid={{{qid|}}}}}|fetchwikidata=ALL|
maxvals=1|onlysourced={{{onlysourced|no}}} |noicon=yes|format=decimal|show=longlat|{{{coordinates|}}}}]
}, "properties": { {{#if:{{{marker_symbol|}}} |"marker-symbol": "{{{marker_symbol|}}}",|}} "marker-
size": "{{{marker_size|large}}}", "marker-color": "{{{marker_color|ff0000}}}" } } } } ]
|frameless=1
|lang={{siteID}}
|width={{#ifeq:{{str find|{{{width|200}}} |px}}|-1|{{{width|200}}}|{{str_sub|{{{width|200}}}|0|{{#expr:
{{str find|{{{width|200}}} |px}}-1}}}}}}
|height={{#ifeq:{{str find|{{{height|200}}} |px}}|-1|{{{height|200}}}|{{str_sub|{{{height|200}}}|0|
{{#expr:{{str find|{{{height|200}}} |px}}-1}}}}}}
|zoom={{#if:{{{zoom|}}} |{{{zoom|}}} |14}}
|longitude={{#invoke:WikidataIB|getValue|rank=best|P625|qid={{GetQID|qid={{{qid|}}}}}|
fetchwikidata=ALL|maxvals=1|onlysourced={{{onlysourced|no}}} |noicon=yes|format=decimal|show=long|
{{{longitude|}}}}}}
|latitude={{#invoke:WikidataIB|getValue|rank=best|P625|qid={{GetQID|qid={{{qid|}}}}}|fetchwikidata=ALL|
maxvals=1|onlysourced={{{onlysourced|no}}} |noicon=yes|format=decimal|show=lat|{{{latitude|}}}}}}
|align={{{align|right}}}
}}</includeonly><noinclude>{{Documentation}}</noinclude>
```

Helper templates

`{{EditOnWikidata}}`

`{{Wikidata location}}`

`{{AutoMapZoom|<val>}}`

`{{ucfirst:text}}` -> Text

`{{getQID|qid=Q1}}`

Live examples / more info

<https://en.wikipedia.org/wiki/Module:WikidataIB>

[https://en.wikipedia.org/wiki/Template:Infobox telescope](https://en.wikipedia.org/wiki/Template:Infobox_telescope)

[https://commons.wikimedia.org/wiki/Template:Wikidata Infobox](https://commons.wikimedia.org/wiki/Template:Wikidata_Infobox)

Places to get help

https://www.wikidata.org/wiki/Wikidata:Project_chat

[https://commons.wikimedia.org/wiki/
Template_talk:Wikidata_Infobox](https://commons.wikimedia.org/wiki/Template_talk:Wikidata_Infobox)

https://commons.wikimedia.org/wiki/User_talk:Mike_Peel