

Wikidata & infoboxes panel

Wikimania 2017

Panellists:

Marius Hoch [[User:Hoo man]]

Theklan [[User:Theklan]]

Eran [[User:ערן]]

Convenor: Deryck Chan [[User:Deryck Chan]]

This session is about...

- Using Wikidata...
- ...in infoboxes.

Item [Discussion](#)

Very Large Telescope (Q265628)

telescope in the Atacama Desert, Chile
VLT | Very Large Telescope Project [edit](#)

[Wikipedia](#) (36 entries) [ed](#)

Language	Label	Description	Also known as
English	Very Large Telescope	telescope in the Atacama Desert, Chile	VLT Very Large Telescope Project
Chinese	甚大望远镜	No description defined	
French	Very Large Telescope	No description defined	
German	Very Large Telescope	astronomisches Großteleskop	

[All entered languages](#)

Statements

instance of	optical telescope edit
	0 references
	+ add reference
	Ritchey–Chrétien telescope edit
	0 references
	+ add reference
	+ add
part of	Paranal Observatory edit
	0 references
	+ add reference
	+ add

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Very Large Telescope



The four Unit Telescopes that form the VLT together with the Auxiliary Telescopes

Alternative names [VLT](#)

Observatory	Paranal Observatory edit
Location(s)	Atacama Desert, Chile edit
Coordinates	24°37′38″S 70°24′15″W
Organization	European Southern Observatory edit
Altitude	2,635 m (8,645 ft)
Observing time	340 nights per year edit
Wavelength	300 nm – 20 μm (visible, near- and mid-infrared)
First light	1998 (for the first Unit Telescope)
Telescope style	optical telescope Ritchey–Chrétien telescope edit
Diameter	4 x 8.2-metre Unit Telescopes (UT) 4 x 1.8-metre moveable Auxiliary Telescopes (AT)
Mounting	altazimuth mount



Item Discussion

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In more languages Configure

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part of Paranal Observatory + edit

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+ add

Wikipedia (36 entries) edit

- af Baie Groot Teleskoop
- ar مقاربت عظيمة
- ca Very Large Telescope
- cs Very Large Telescope
- da Very Large Telescope
- en Very Large Telescope
- es Very Large Telescope
- fa تلسکوپ بسیار بزرگ
- fi Very Large Telescope
- fr Très Grand Télescope
- ga Teileascóp Ollmhór
- he הטלסקופ הגדול מאוד
- hr Velički teleskop
- it Very Large Telescope
- ja 超大型望遠鏡
- kk Үлкен телескоп
- mk Многу голем телескоп
- nl Very Large Telescope
- nn Very Large Telescope
- no Very Large Telescope
- oc Very Large Telescope
- pl Very Large Telescope
- pt Very Large Telescope
- ro Very Large Telescope
- ru Very Large Telescope
- sh Vrljo veliki teleskop
- simple Very Large Telescope
- sk Very Large Telescope
- sr Веома велики телескоп

- Main page
- Community portal
- Project chat
- Create a new item
- Recent changes
- Random item
- Query Service
- Nearby
- Help
- Donate

- Tools
- What links here
- Related changes
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- Concept URI
- Cite this page

If you don't know what is Wikidata, you should go to Asaf's "A Gentle Introduction to Wikidata for Complete Beginners" which is happening in another room now

Rundown of the session

- Hoo man: **Put data on it: Using Wikidata data in Wikimedia projects**
- Theklan: **Automatic infoboxes with Wikidata**
- Eran: **Integrating Wikidata to Infoboxes**
- 5min Q&A after each talk
- Breakout sessions:
 - Panel discussion on standardisation
 - Tutorial: make your automatic infobox

Standardisation

```
Secure | https://en.wikipedia.org/wiki/Module:Wikidata
getvalue 30 of 36

-- This is used to get a value, or a comma separated list of them if multiple values exist
p.getvalue = function(frame)
    local propertyID = mw.text.trim(frame.args[1] or "")
    local input_parm = mw.text.trim(frame.args[2] or "")
    local delimdefault = ", " -- **internationalise later**
    local delim = frame.args.delimiter or ""
    delim = string.gsub(delim, "'", '')
    if #delim == 0 then
        delim = delimdefault
    end
    local qid = frame.args.qid
    if qid and (#qid == 0) then qid = nil end
    if input_parm == "FETCH_WIKIDATA" then
        local entity = mw.wikibase.getEntityObject(qid)
        local claims
        if entity and entity.claims then
            claims = entity.claims[propertyID]
        end
        if claims then
            -- if wiki-linked value output as link if possible
            if (claims[1] and claims[1].mainsnak.snaktype == "value" and claims[1].mainsnak.datavalue.type == "wikibase-entityid") then
                local out = {}
                for k, v in pairs(claims) do
                    local sitelink = mw.wikibase.sitelink("Q" .. v.mainsnak.datavalue.value["numeric-id"])
                    local label = mw.wikibase.label("Q" .. v.mainsnak.datavalue.value["numeric-id"])
                    if label == nil then label = "Q" .. v.mainsnak.datavalue.value["numeric-id"] end

                    if sitelink then
                        out[#out + 1] = "[[" .. sitelink .. "|" .. label .. "]]"
                    else
                        out[#out + 1] = "[[:d:Q" .. v.mainsnak.datavalue.value["numeric-id"] .. "|" .. label .. "]]<abbr title='" .. i18n["errors"]["local-article-not-found"] .. "'>[*]"
                    end
                end
                return table.concat(out, delim)
            else
                -- just return best values
                return entity:formatPropertyValues(propertyID).value
            end
        else
            return ""
        end
    else
        return input_parm
    end
end

-- Same as above, but uses the short name property for label if available.
p.getvalueShortName = function(frame)
    local propertyID = mw.text.trim(frame.args[1] or "")
    local input_parm = mw.text.trim(frame.args[2] or "")
    if input_parm == "FETCH_WIKIDATA" then
```

Standardisation... of Lua modules?

- There's `{{#property:_____}}`
- But Lua modules are needed for most purposes
- These modules aren't centrally deployed
- There are at least 3 known “trunk” projects
 - `en:Module:Wikidata`
 - `wikidata:Module:Wikidata` = `fr:Module:Wikidata`
 - `ca:Module:Wikidata`
 - `ru:Module:Wikidata`
- If we centrally deploy Lua modules in the way images are centrally deployed from Commons, which site should be the host? WD? Meta? Commons?

Scope of an infobox

- Should templates be topic-specific?
- Can we have a “universal infobox”?
 - Russian/ Wikipedia seems to be trying it
 - But it’s really hard and the approach isn’t obvious
 - English Wikipedia definitely won’t
 - Topic-specific infoboxes with partial Wikidata usage
 - Most other wikis seem to be following this model
- Topic-specific infoboxes with a universal template that detects the type of item and switches between them
- Open discussion + Q&A