# Wikidata as a Cultural Heritage Information Hub

Markus Krötzsch Knowledge-Based Systems TU Dresden

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# "It's big!" "It's important!"



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# "It's big!" "It's important!"

"We should use it more."



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## "It's big!" "It's important!"

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"Actually, I haven't really looked into it."



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## "It's big!" "It's important!"

"We should use it more."

"Actually, I haven't really looked into it."

"To be honest, I have no idea about this thing. Maybe wait till others use it . . . "



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Wikipedia's database sister

A large multi-lingual community site

The free knowledge base anyone can edit

## >24,000,000

data entities

>150,000

contributors with at least one edit

- Stored per entity
- Property-value assignments

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- Property-value assignments

#### Sistine Madonna (Q328079)

creator

Raphael



- Stored per **entity**
- Property-value assignments

 Assignment may have annotations and references

#### Sistine Madonna (Q328079)

inventory number

Gal.-Nr. 93

collection Gemäldegalerie

Alte Meister

- Stored per **entity**
- Property-value assignments

- Assignment may have annotations and references
- User-defined vocabulary

#### Sistine Madonna (Q328079)

material used	oil paint	
	canvas applies to part	background

### >120,000,000

statements, about 50% sourced

>2,800

distinct properties

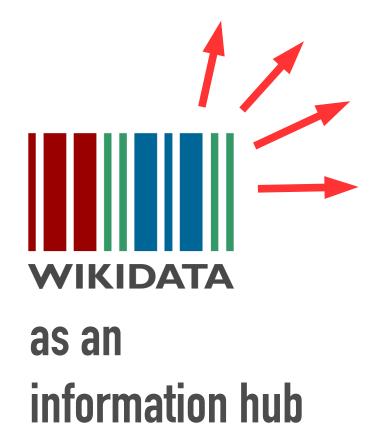








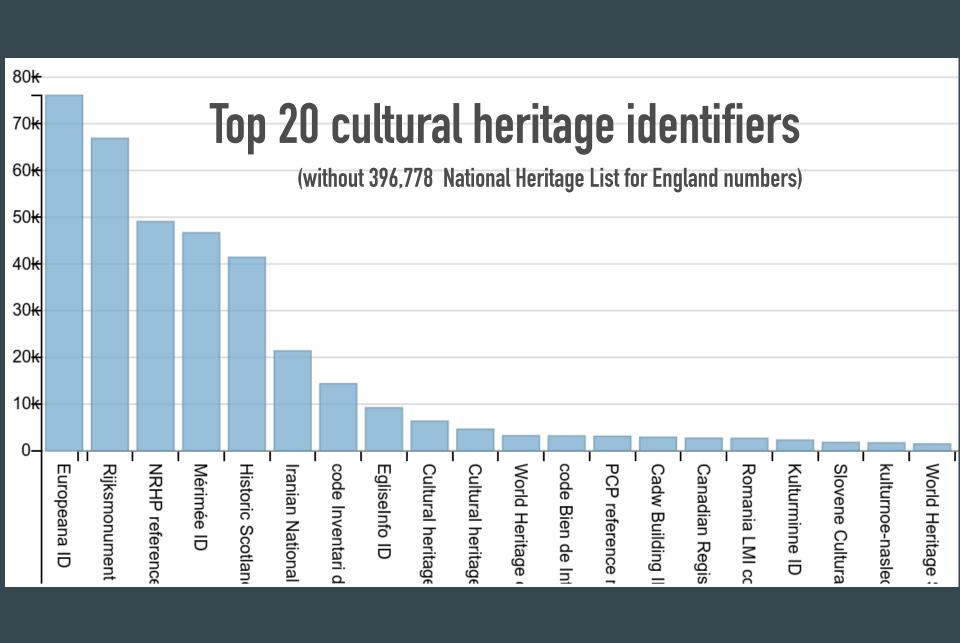




50,777,678 links to 291 Wikipedias

24,561,400 links to 1,326 external DBs

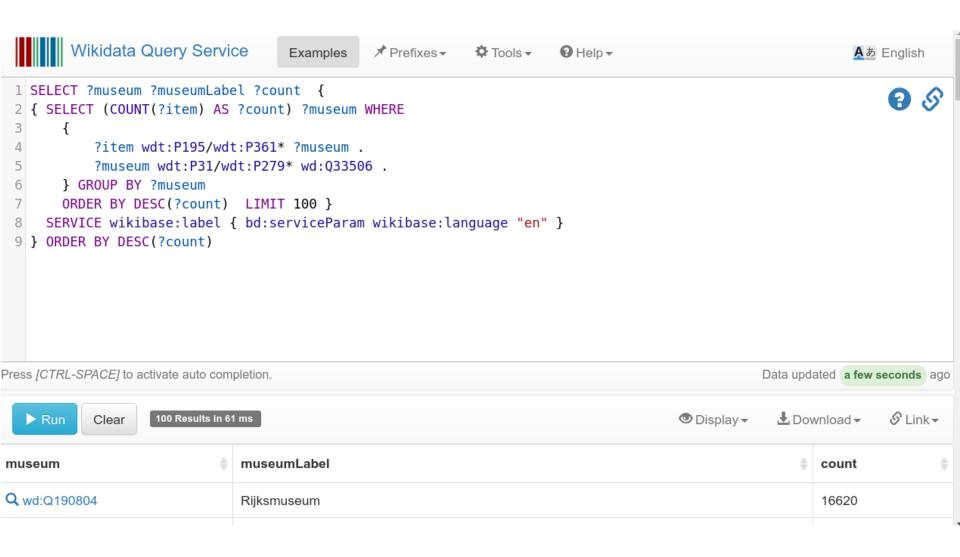
767,361 links to 66 cultural heritage identification sites





### How is all this data used then?

- In Wikipedia
- In external apps
- In research



# Understanding Wikidata Queries

More than 30,000,000 queries asked in Sept 2016

- About 10% from human users
- 2500 queries used "Europeana ID"
- More research needed ...



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### "It's big!"

"It's important!"

"We should use it more."

"But how?"

### Step 1: Connect

Align Wikidata with your data

- Join ongoing data integration projects
- Crowdsource, e.g., using Mix'n'Match

### Step 2: Share

#### Exchange data

- Donate your data to Wikidata
- Integrate with and compare to Wikidata

# Step 3: Exploit

Take advantage of your integrated data

- Create new services on Wikidata content and infrastructure
- Enjoy more links to your content from other services

### Step 0: Ask

Get in touch with the right people

- Wikidata wiki & email list (community)
- Wikimedia Germany (development)
- Wikimedia Found. (operations)





### "It's big!"

"It's important!"

"We should use it more."

"Let's get started!"

Markus Krötzsch, TU Dresden