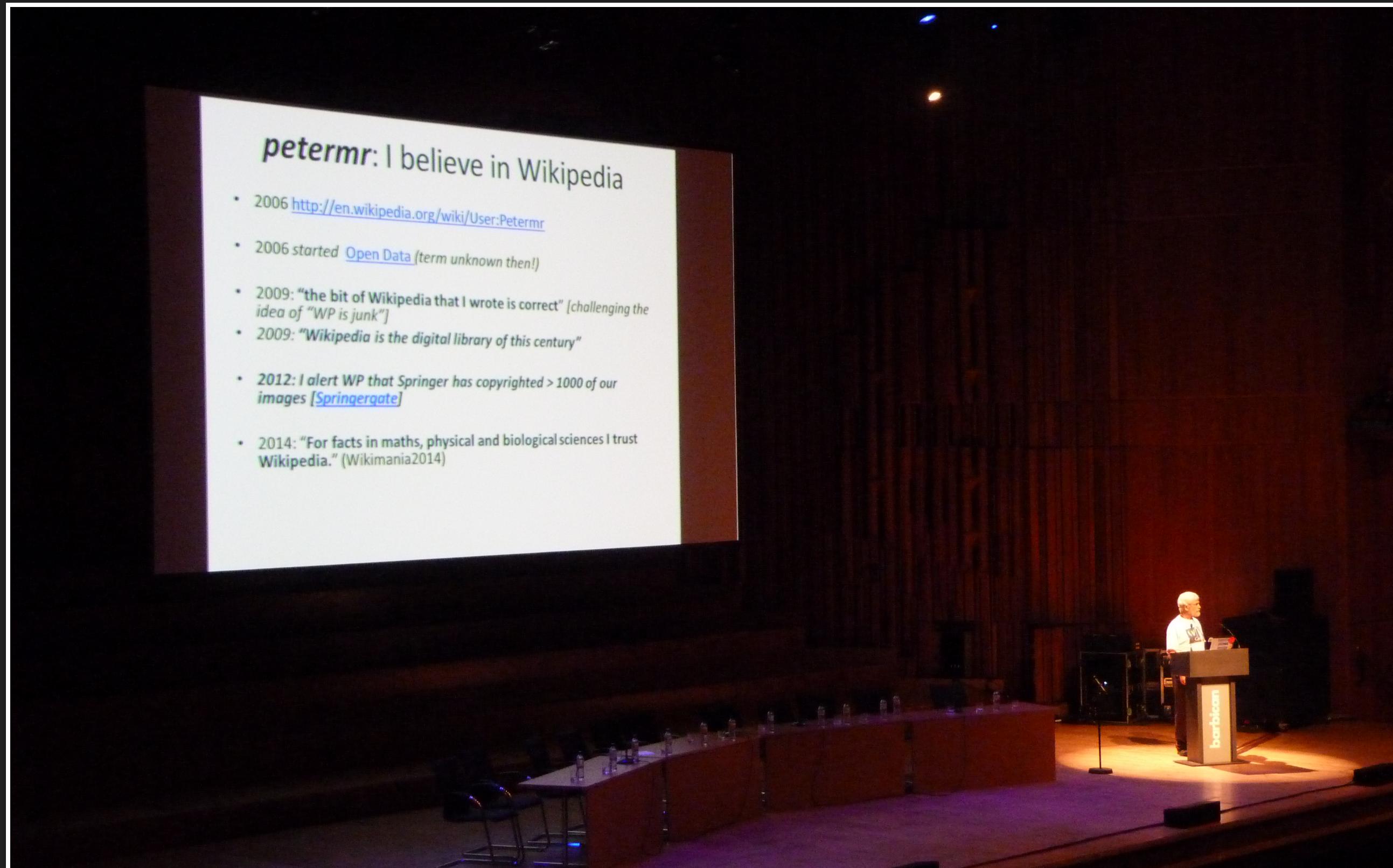


ContentMine



WHAT IS CONTENTMINE?

Peter Murray-Rust at Wikimania 2014





Tom and Charles

WHAT IS WIKIFACTMINE?

WMF: Project Grant Funded

SUPPORTED BY:

- WMF
- WMUK
- ContentMine

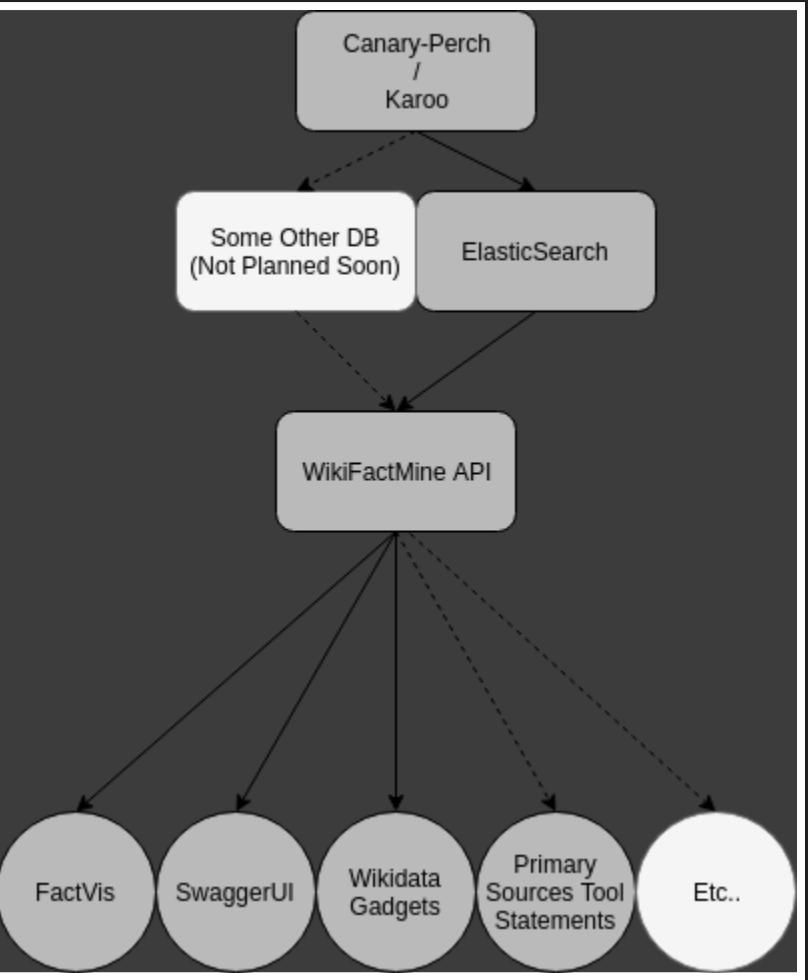
WHAT IS TEXT MINING?

Extracting information from text with machines

WHAT ARE WE DOING?

Daily download of Open Access papers (mostly biomedical) from EuropePMC

Pluck out 'facts' Related to certain wikidata items



**WHAT DOES A WIKIFACTMINE 'FACT'
LOOK LIKE?**

ContentMine ID	Wikidata Item	Paper	Prefix	Term	Postfix
CM.oncologydiseases3	Q128581	PMC5537693	PDL1 has also been shown to be overexpressed in	breast cancer	cells, which underscores the significance of PDL1 as a target

WHAT ARE DICTIONARIES?

List of terms for us to search for

Obtained from various sources including Wikidata

You can make your own and we'll mine the literature for them

Currently around 300k terms in ca. 80 dictionaries

From topic areas like:

- Diseases
- Drugs
- Soil Types
- Many more...

FATAMEH

Nearly 7 Million Wikidata Items About Scientific Papers Edited using the Tool

HOW CAN YOU GET INVOLVED WITH
WIKIFACTMINE?

Build dictionaries for areas you're interested in

aaraa - ContentMine Dictionaries Management

Filter by prefix

0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Clear

Filter Results:

Records: 10

Contentmine	Term	Name	Wikidata
CM.wikidatacountry0	Zimbabwe	Zimbabwe	Q954
CM.wikidatacountry1	Zambia	Zambia	Q953
CM.wikidatacountry10	United Kingdom	United Kingdom	Q145
CM.wikidatacountry100	Libya	Libya	Q1016
CM.wikidatacountry101	Liberia	Liberia	Q1014
CM.wikidatacountry102	Lesotho	Lesotho	Q1013
CM.wikidatacountry103	Lebanon	Lebanon	Q822
CM.wikidatacountry104	Latvia	Latvia	Q211
CM.wikidatacountry105	Laos	Laos	Q819
CM.wikidatacountry106	Kyrgyzstan	Kyrgyzstan	Q813

<< < 1 2 3 4 5 6 7 8 9 10 > >>

Showing 1 to 10 of 196 records

[Prepare Download](#)

[Add to Dictionary](#)

Add Items to Dictionary

Paste your query here where the ?item parameter returns all the items you want in the dictionary

Run Query

PagePile ID

Run PagePile

Close

Build something with our API



The screenshot shows the Swagger UI interface for the WikiFactMine-api. At the top, there's a green header bar with the "swagger" logo, a URL field containing <https://tools.wmflabs.org/wikifactmine-api/swagger.yaml>, and a "Explore" button. Below the header, the title "WikiFactMine-api" is displayed in bold black text. Underneath the title, the word "default" is shown in a smaller gray font. To the right of "default", there are three links: "Show/Hide", "List Operations", and "Expand Operations". At the bottom left, a note indicates "[BASE URL: /wikifactmine-api/api , API VERSION: 0.0.1]".

Give us feedback about the facts so far

Have a play with our distributed game/PST

WHAT TOOLS HAVE WE BUILT?

WikiFactMine Pipeline

WikiFactMine API

aaraa

fatameh

WikiFactMine Wikidata Userscript

FactVis

WHERE ARE WE GOING NEXT?

**RETURN PAPERS WHICH CONTAIN
ENTITIES IN UNREFERENCED
STATEMENTS**

REPOSITORY OF PAPERS WITH
STANDOFF ANNOTATION INCLUDING
WFM FACTS

Where to find more: <https://wikidata.org/wiki/Wikidata:WFM>