

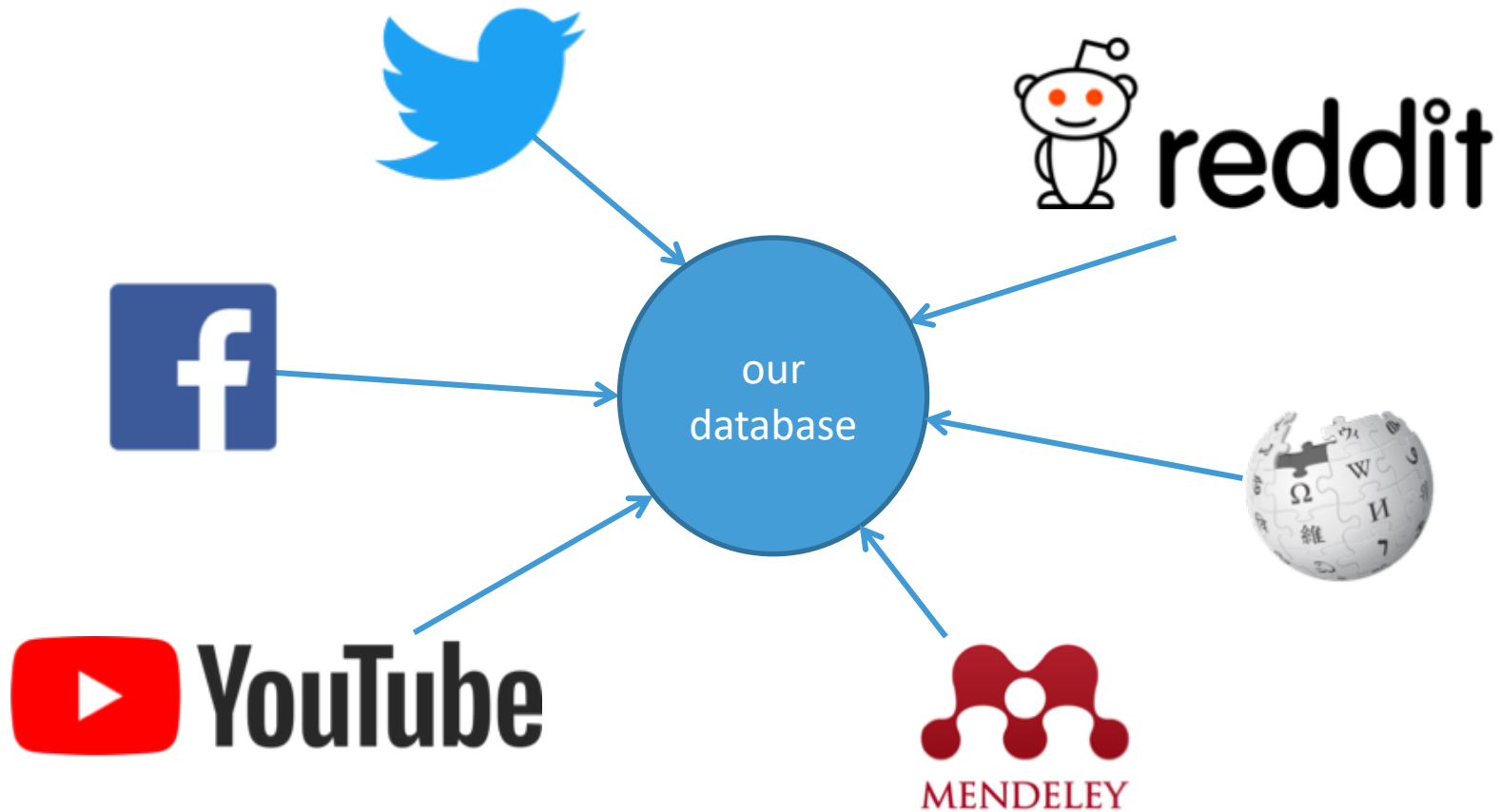
# Technical Implementation of Information Gathering

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# Gathering Information about Scientific Impact on Social Media / Online Platforms



14/05/2018 – COAR Meeting Hamburg

# How is it done?

- use of the service's APIs (application programming interface)
- ask for content that relates to
  - work identifier `doi:10.1038/nature21360`
  - landing page url  
`www.nature.com/articles/nature21360`
- process and store the data

# What are the challenges?

- there are different types of identifiers (dois, local handles and others) → which one(s) to use?
- resolving identifiers into urls
- How to aggregate the data? How to weigh different kinds of results?

# One example of a result set of a work



doi	facebook_shares	twitter_posts	reddit_posts	youtube_posts	mendeley_readers	wikipedia_citations
10.1371/journal.pone.0185809	3291	50	0	13	791	5

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- Thank you / Vielen Dank!
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