

# Contextualization of Facebook documents

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# The Neemi platform

- Django webapp that extracts user data from various social networks and stores it in a MongoDB database
- Our project is a fork of Neemi with added features

# Contextualizing a Facebook document

- Choose a photo or event in the database
- Build a corresponding RDF graph
- Fetch related items in the database
- Build their RDF graphs and absorb them into the first one

# Facebook API limitations

- The latest versions of the API is very restrictive with data from friends who didn't install our app
- Getting interesting data is difficult
- New Neemi feature : add mock documents

# Absorbing graphs : algorithm

## Some technical choices

- Merging location information : geocode everything, then compare coordinates
- Deciding if a document is relevant to the event : time-based for now, could be improved

# Potential extensions

- Handle documents from other sources than Facebook : new methods need to be added but no conceptual difficulty
- Better heuristics to deduce if an item is related to the event