Awesome Modeling

A. Basaglia¹ M. Popović¹ A. Stocco¹

¹University of Padua

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Introduction

The project's objective is to build a platform for obtaining articles from online newspapers, storing them, making them searchable, and extracting representations of themes discussed in a set of articles returned as results for a given query.

Architecture

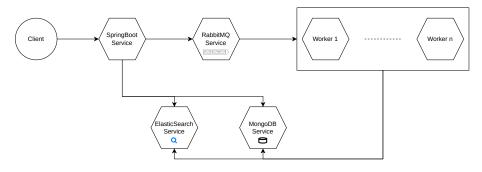


Figure: Microservices

Sequence Diagram

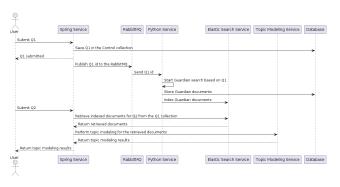


Figure: Sequence diagram

Design choices

- Downloading and indexing are Asynchronous
- Scalability improved

Conclusions

Let's see a demo!