

# Topic: Technology adoption for a versioned corpus

- ▶ **Motivation:** The scientific community of ‘Mining Software Repositories’ is concerned with extracting software engineering knowledge from actual repositories and associated artifacts, possibly also taking into account versions of the software at hand. An open problem is the deeper understanding of adoption of software technology, as far as it can be extracted by data mining from repositories. For instance, the adoption of APIs and their versions should be studied accordingly.
- ▶ **Objective:** This research effort, possibly carried out in collaboration with an international partner, is expected to use the Apache repository and leverage the 101meta language for describing rules for technology matching. Massive data is extracted and analyzed in accordance with some hypotheses for technology adoption.