

Topic: An AOP-centric 101 theme

- ▶ **Motivation:** The 101companies project increasingly covers technological spaces and platforms with designated themes of implementations, thereby systematically covering the spaces or platforms in terms of capabilities of interest. Such a theme has been developed, for example, for XML programming. The proposed project will be concerned with aspect-oriented programming.
- ▶ **Objective:** Identify concepts, variations, and expressiveness of aspect-oriented programming. Identify a set of AOP languages and technologies that cover the AOP space reasonably. Reconsider the feature model of 101companies to propose a revision (an extension) to be able to demonstrate all of AOP. Develop a number of 101implementations to exercise all chosen technologies and to cover all identified concepts etc. Develop strong documentation for the theme so that its conceptual coverage is convincing possibly in a pedagogical or scientific sense.