

# Topic: Metrics-based comparison of a software chrestomathy

- ▶ **Motivation:** One reasonable expectation from a software chrestomathy is that it provides some guidance on the qualities of languages, technologies and spaces thereof. For instance: “Is Haskell more concise than Java?” In principle, such qualities could be measured by means of software metrics, thereby providing a foundation for comparison. When this idea is applied to 101 companies, then a complicating factor is that the 101 implementations are not quite comparable as they may deal with different feature sets.
- ▶ **Objective:** Identify some metrics for useful comparison of implementations that agree on language and feature set. Enhance the metrics approach to also allow for different languages. Further enhance the metrics approach to also enable comparison of implementations with different feature sets by exploiting the intrinsic modularity of the implementations, i.e., considering slices with equal feature sets.