



Topic

Increasingly complex products and machines require cooperation of experts from various disciplines. Since these disciplines have different views of the same product, inconsistencies arise.

By means of Semantic Web Technologies (SWT), designers can build extensive knowledge bases to diagnose and appropriately handle inconsistencies.

However, one major challenge still is the process of making implicit knowledge explicit. This is mainly due to the sheer amount of information. One way to address this challenge are machine learning methods.

Based on a thorough literature research, you will implement a minimal working example at hand of an intelligible use case.

Required skills

- Logical thinking
- Willingness to familiarize yourself with complex topics

