Creating Software Models with Semantic Annotation

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Stakeholders present their ideas to the analyst. The analyst elicits requirements for the specification. The software architect models his understanding.

The analyst documents the imagined software system. The architect creates a software model of the specification.

Syntax is Irrelevant, Semantics Counts

Enable Tool Support for Round-Trip (Requirements Engineering)

Round-Trip Engineering

Automating semantic annotation for natural language requirements enables automatic domain model creation from specifications. Requirements engineering is an iterative process which is now supported by 5 tools:

1. Specification Improver
2. Change Impact-Analyzer
3. Semantic Annotator
4. UML Model Extractor
5. Model-Text-Feedback