

Formal Specifications

- Many formal specifications are descriptive.
- Descriptive specifications focus on the properties or conditions associated with software products and their components.
 - Model (or state-based) specifications focus on states and models (e.g Z and VDM languages).
 - Algebraic specifications focus on functional computation carried out by a program or program-segment and related properties. (e.g., Larch, Common Algebraic Specification Language)
- Foundations: set theory and logic