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	Sommario/riassunto	This book presents a modular framework for slicing in the proof assistant Isabelle/HOL which is based on abstract control flow graphs. Building on such abstract structures renders the correctness results language-independent. To prove that they hold for a specific language, it remains to instantiate the framework with this language, which requires a formal semantics of this language in Isabelle/HOL. We show that formal semantics even for sophisticated high-level languages are realizable.