Week 2: Domain-Specific Languages

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# Domain-Specific Languages

Domain-Specific Languages (DSL) enable business professions to describe their rules and policies succinctly. This capability reduces the barrier to automation, promotes cross-disciplinary collaboration, and modulizes complex systems. For instance, financial trading applications contain an execution engine and various investment strategies. These different components require unique professional expertise, making it challenging to have one person build both. Instead, the engineering team can standardize the problem’s shared vocabulary into external files that drive the trading engine. Afterward, domain experts can contribute to those files (scripts) and audit the accuracy of the trading algorithm.