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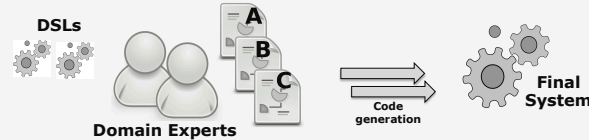
Variability Management in Domain-Specific Languages

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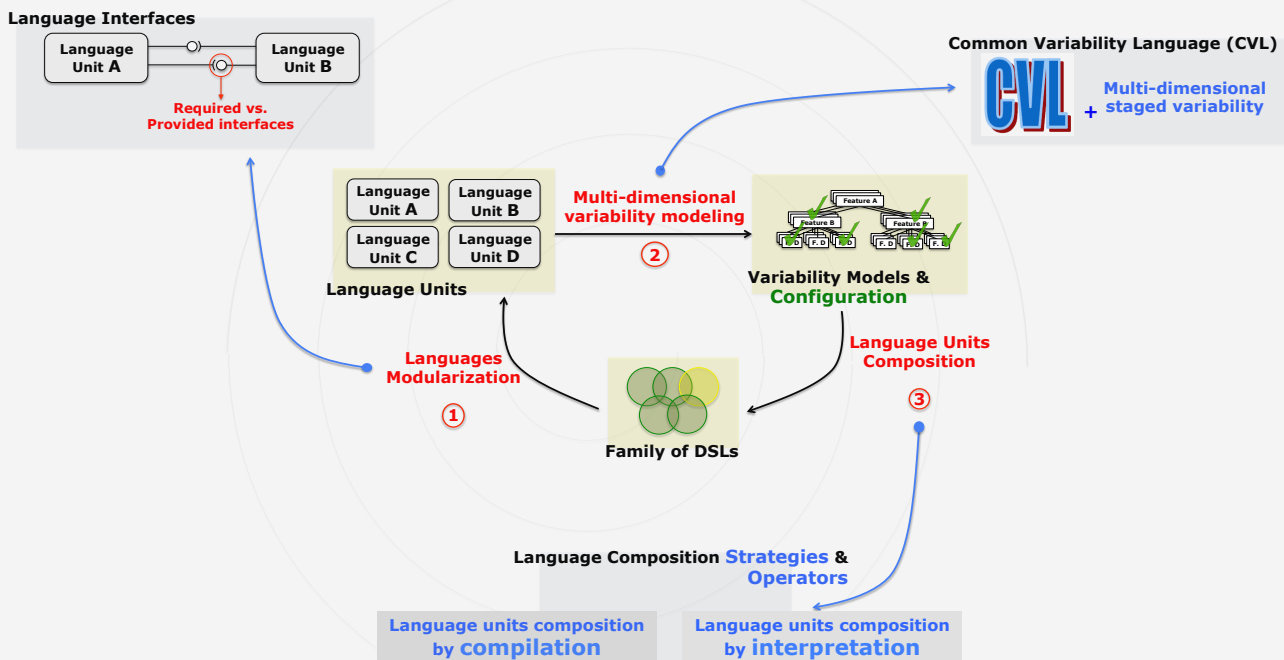
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Domain-specific languages (DSLs) allow domain experts to express solutions directly in terms of relevant domain concepts and, for example, use generative mechanisms to transform DSL specifications into software artifacts (e.g. code, configuration files or documentation).



However, the development of DSLs is a challenging task due to the specialized knowledge it requires... Software Engineering techniques for Languages Development?

Software Languages Engineering



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References

1. Jean-Marc Jézéquel, David Méndez-Acuña, Thomas Degueule, Benoit Combemale, Olivier Barais. **When Systems Engineering Meets Language Engineering.** In *Proceedings of International Conference in Complex Systems Design & Management (CSD&M'14)*. Paris, France. 2014. Springer.

International Summer School in Model-Driven Engineering for Real-Time Embedded Systems

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