



COVAMOF Software Variability Assessment Method

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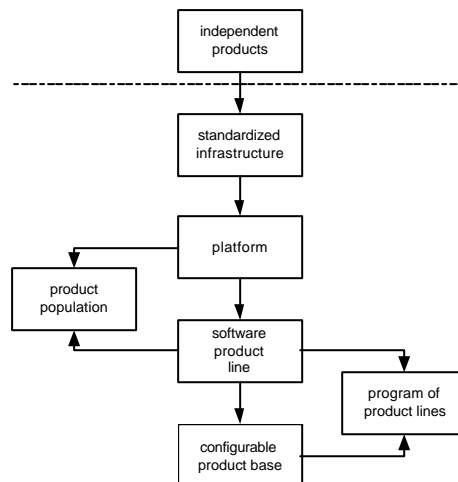
Introduction

- role of software
- software reuse
- software components
- software architecture
- software product lines
- conclusion

Concepts

- software product family maturity model
- reused artefacts
- organizational models
- software variability management
- variation point

Architectural “Maturity” Levels



Variability

- variability concept
- variation point
- variability mechanism
- visualizing variability

Problems and Issues

- general
- analysis, design, coding, run-time
- knowledge externalization
- variability management
- scoping and evolution

Solutions

- notation: COVAMOF
 - required variability
 - provided variability
- assessment: COSVAM
 - time vs. space dimension
- design
 - variability realization techniques
- evolution

Conclusion

- software variability management and software reuse are intimately linked
- software variability management is evolving into a key challenge
- software variability management spans over multiple scopes of reuse and evolves over time



Thank you!

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