



Knowledge-base
Development &
Application
Processes for
Product-Assembly
Co-design







Knowledge Base Development and Application Processes applied on Product-Assembly Co-design

Bert Van Acker, Joachim Denil, Alexander De Cock, Hans Vangheluwe, Moharram Challenger

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Content

- Context: PACo and its Knowledge-base
- FTG+PM for the KB development and usage
- Example
- Discussion

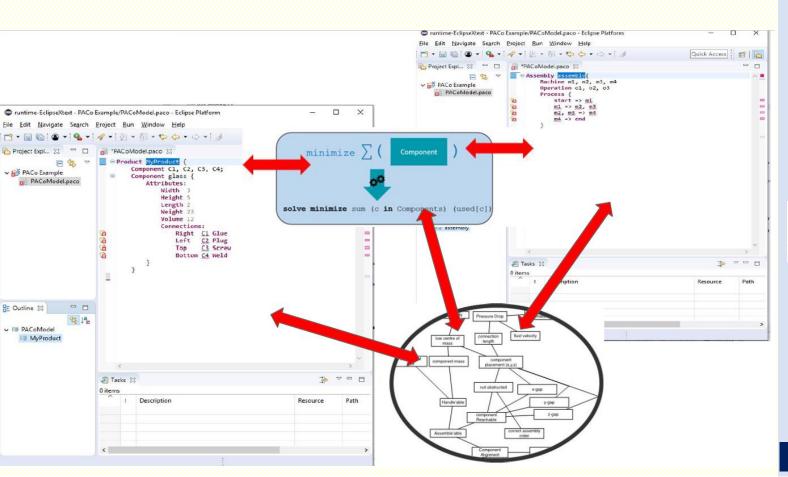






Context: PACo

- Product-Assembly Co-Design (PACo)
 - "front-load" production knowledge to the early stages of the product design process,
- Different stakeholders
 - Product designer
 - Assembly system designer
 - Mechanical engineer
 - Quality engineer

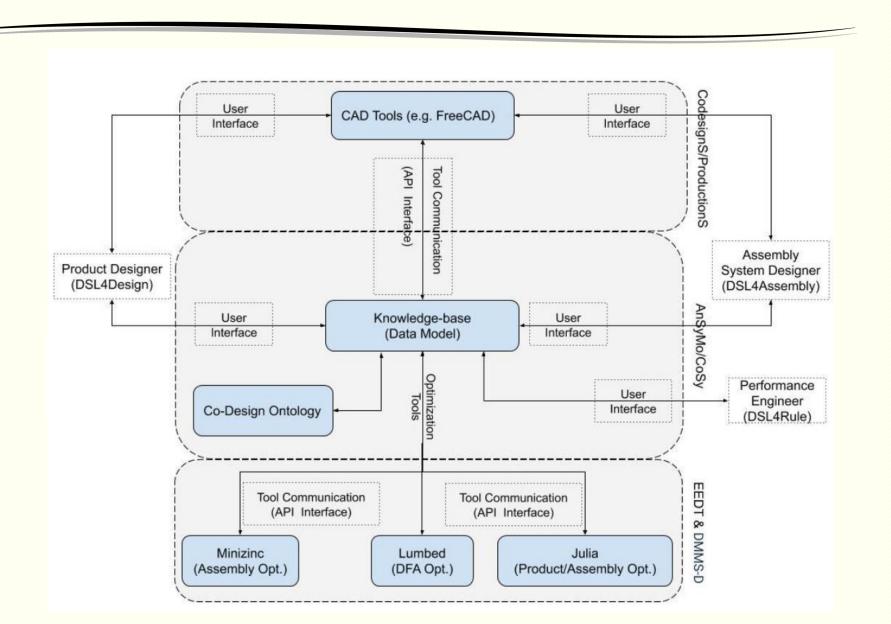








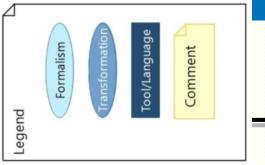
Context: KB for PACo



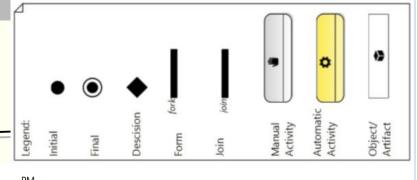


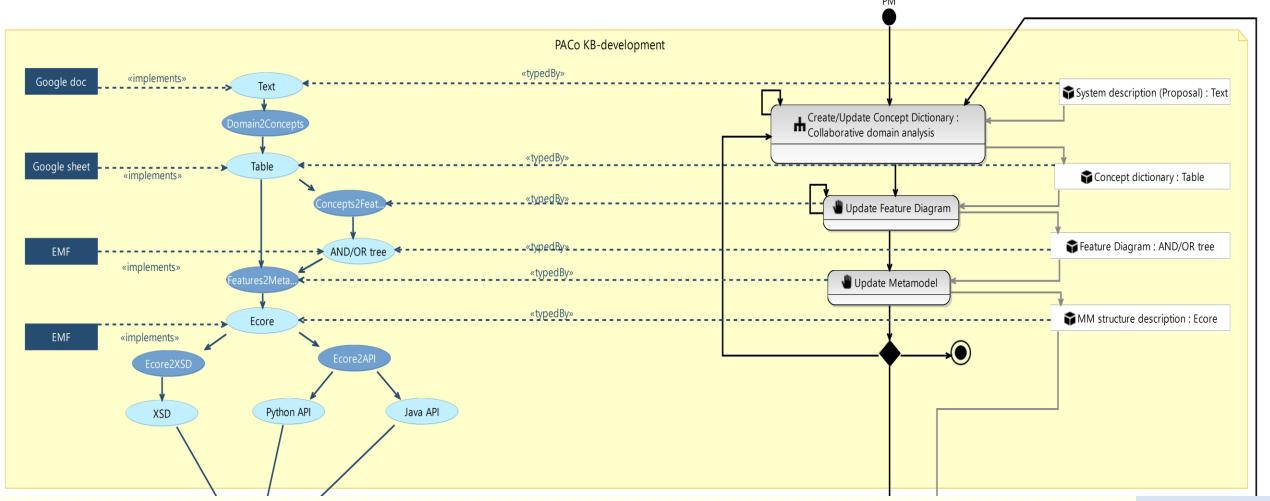




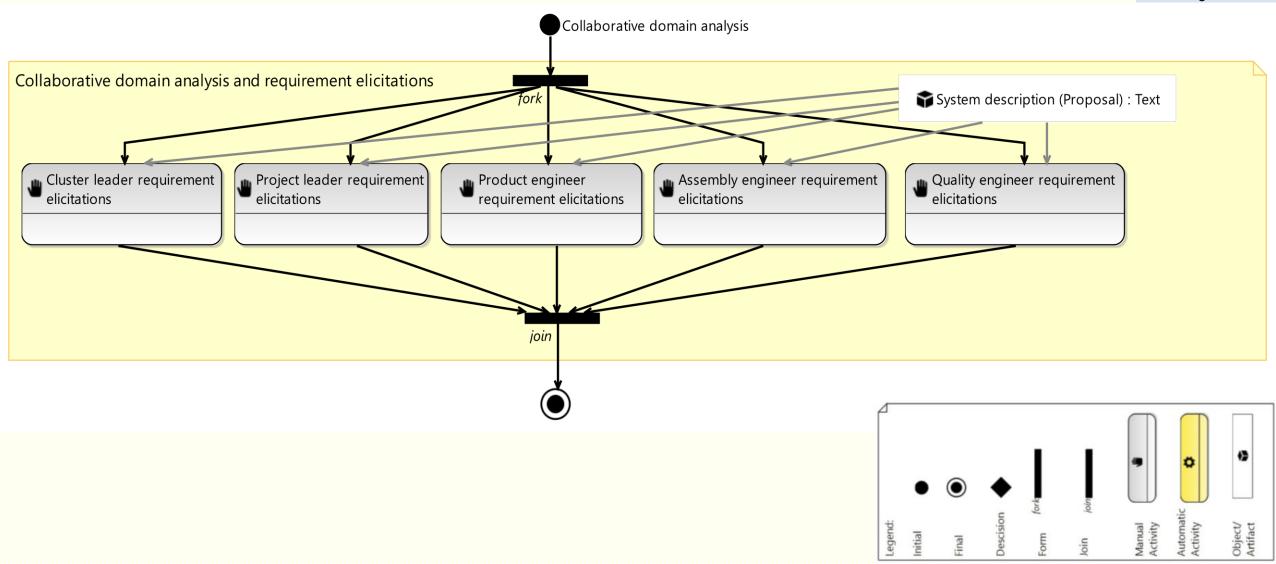


FTG+PM: PACo KB Developmet

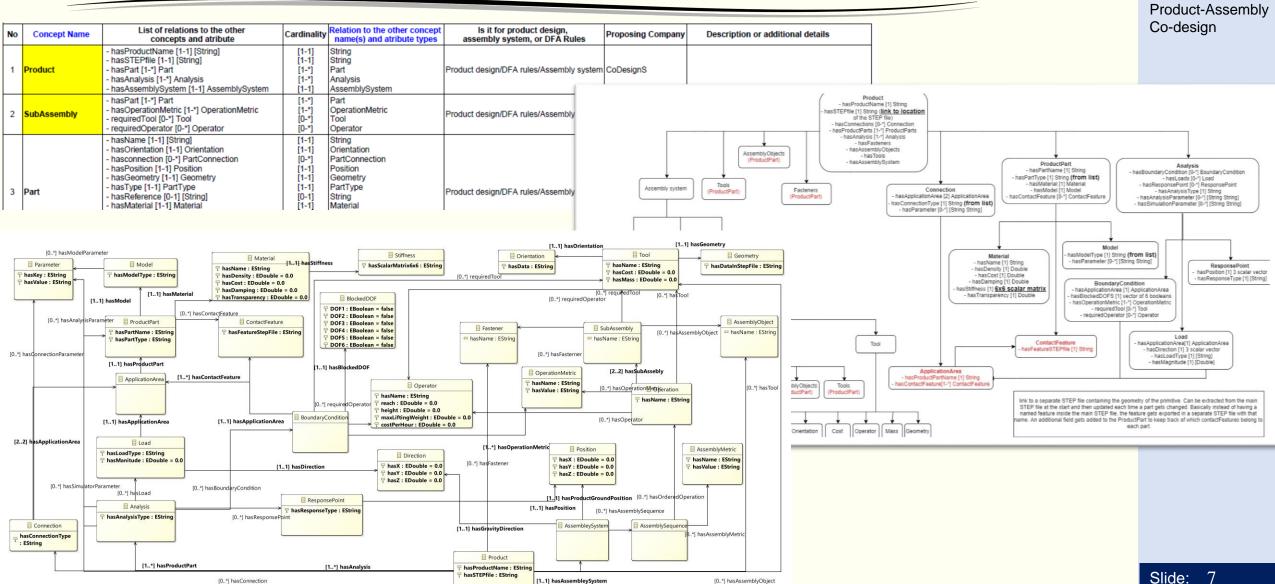


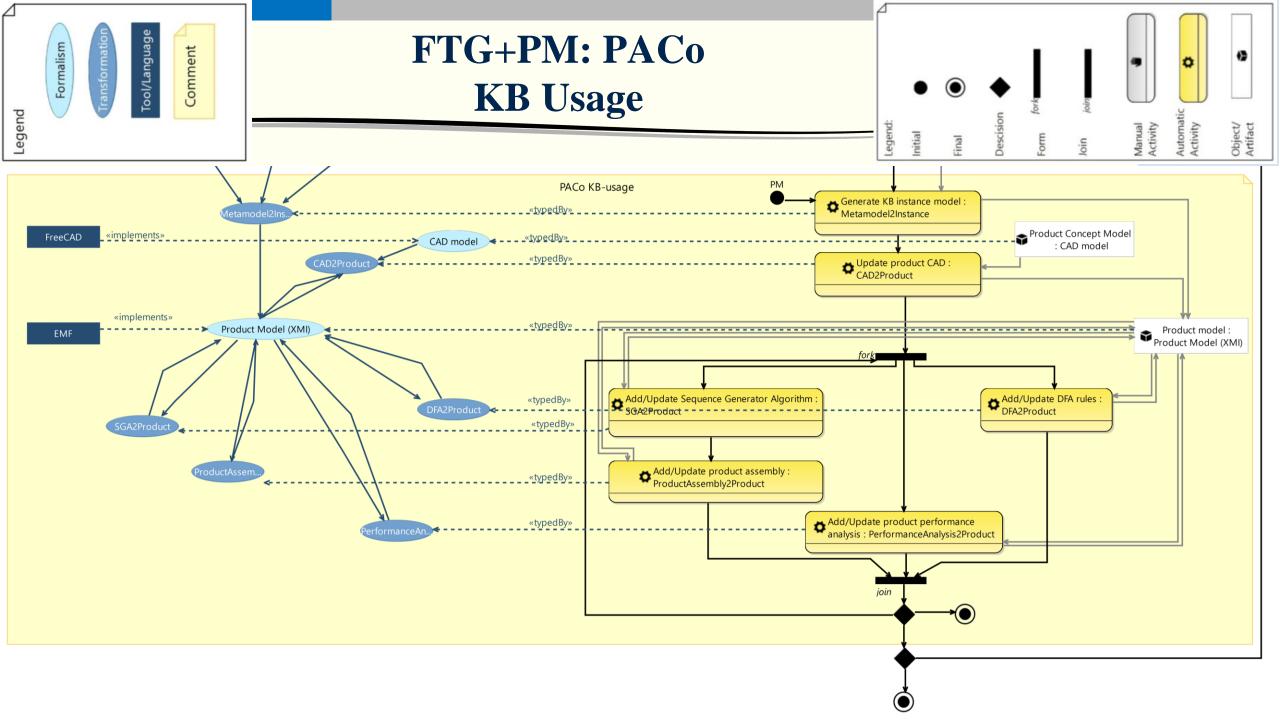


FTG+PM: Collaborative Domain Analysis

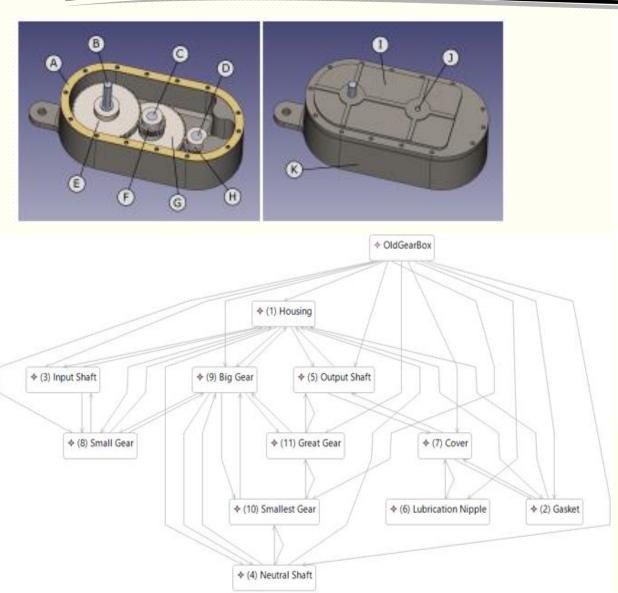


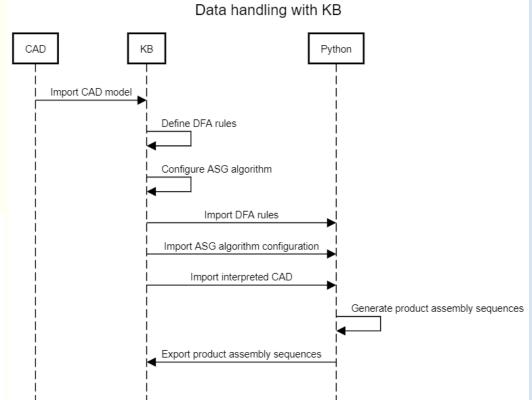
Snapshot of the models in the development process





Usage example



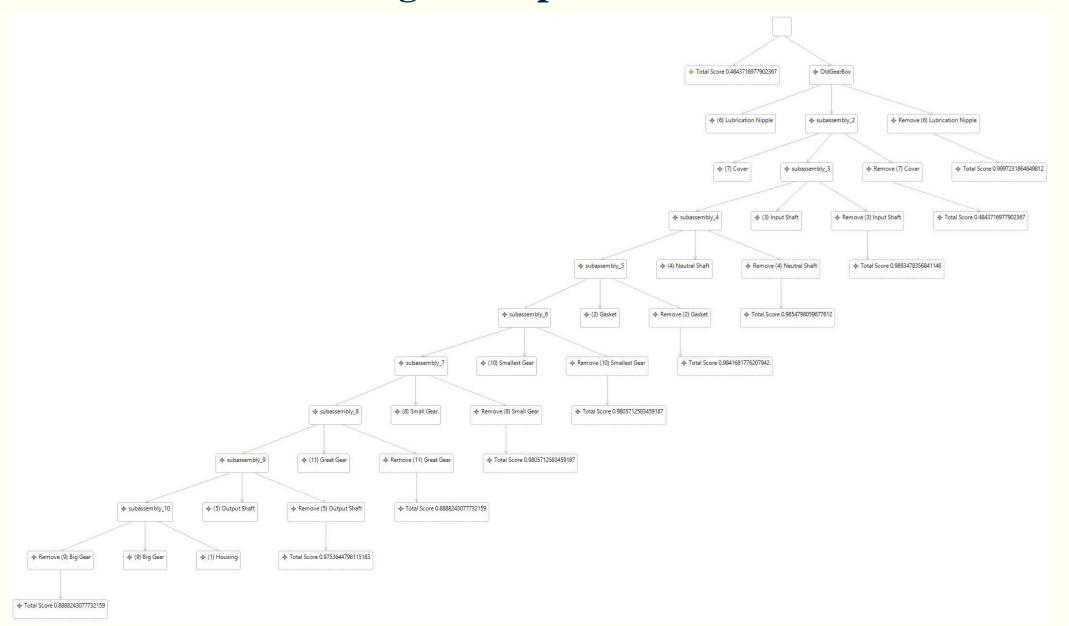








Usage example

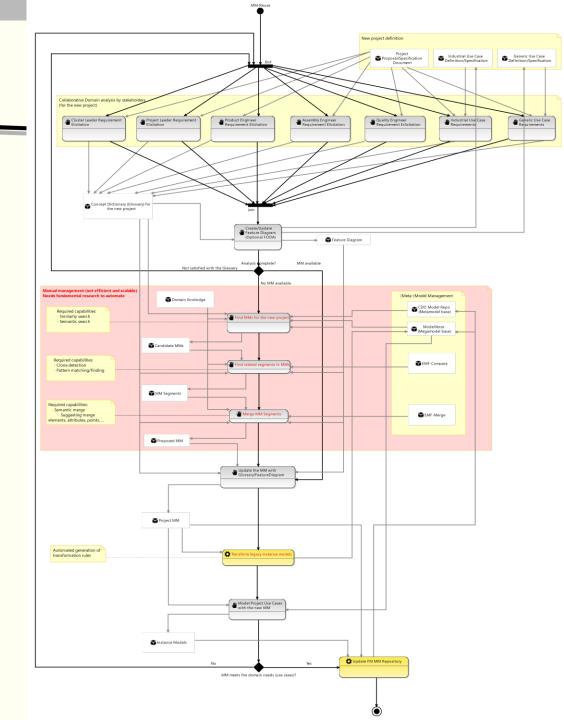








Discussion: Benefits of using FTG+PM



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Slide: 11

Thank you! Questions?





