

# On-line updates of SPL products

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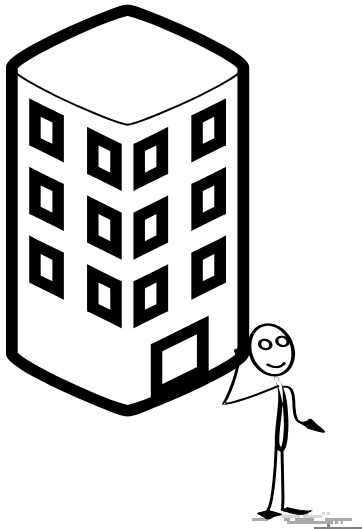
# Contact Profile

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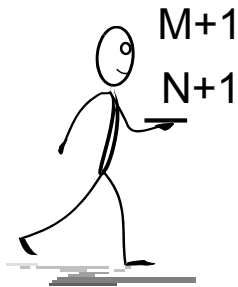
## ■ Looking for

- Methods/guidelines that can improve a the practices in Egemin's SPL
- People dealing with evolution/updating in SPL context
- "Success criteria" :
  - Inspiration for improvements in Egemin
  - Discussing my research with practitioners/researchers interested in SPL evolution

# Settings



development  
unit



integrator



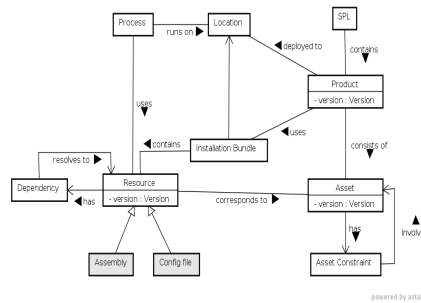
# The Problem

How to correctly and efficiently **update deployed products** derived from the Software Product Line?

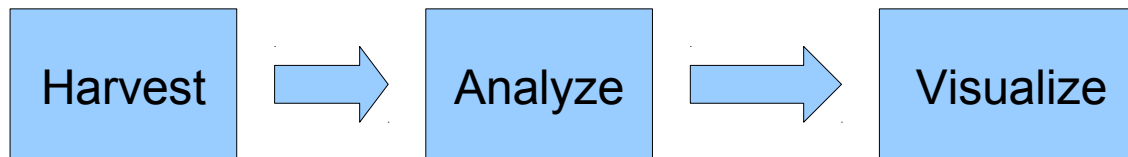
- Ploughed Fields Adoption of SPL
- Personalized knowledge

# Current Solution

- Architecture-centric reconstruction of the views relevant for integrators.



Meta-model



# Why is it interesting?

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- a real case from industry
- evolution in SPL is a challenge (e.g. Pohl 2005)
- maintainers/integrators are often not considered as the architectural knowledge stakeholders (M. Babar et. al 2009)



# Potential Collaborations

- Steve Livengood, Samsung Electronics
- Fritz Stallinger, Robert Neumann, (Software Competence Center Hagenberg, Austria), Robert Schossleitner, Stephan Kriener (STIWA Automation GmbH, Austria)
- Cheng Thao, Ethan V Munson (University of Wisconsin-Milwaukee, United States)
- Dong Li, FISCAN, First Research Institute of Ministry of Public Security, China