Handling Non-Functional Requirements in Model-Driven Development: An Industrial Survey

1 Hypothesis

NFRs need to be managed by MDD processes, one way or another

2 Motivation

We want to know how is this done in industry

3 Approach

Empirical study based on semi-structured interviews
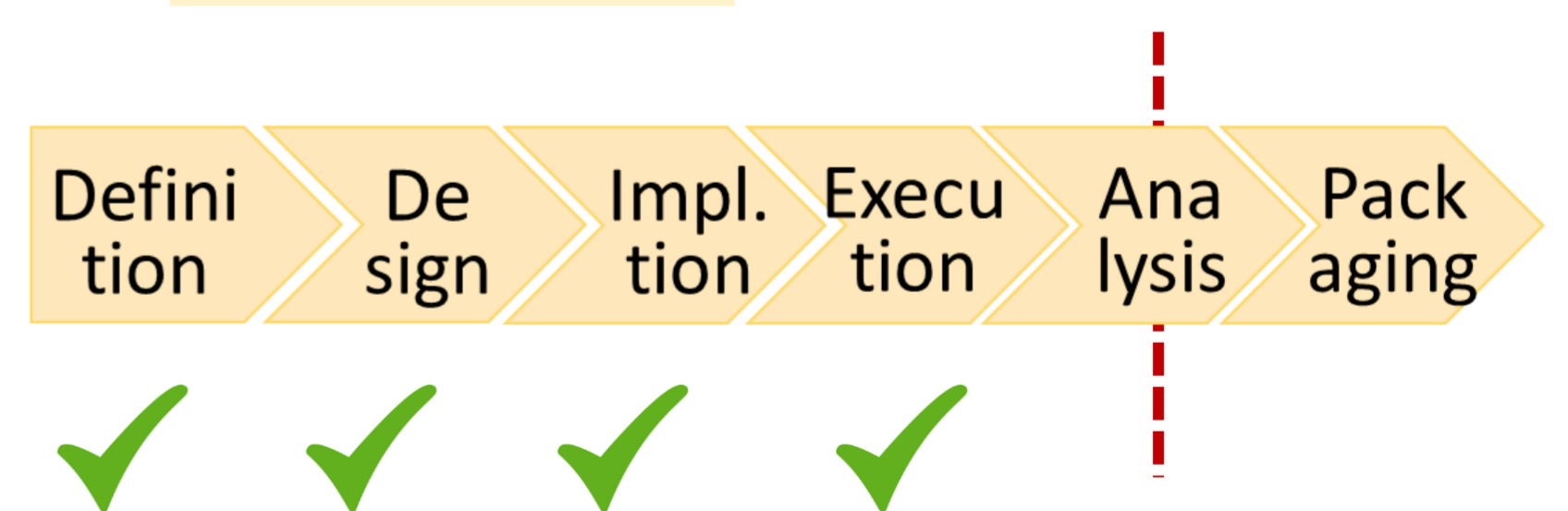
4 The team

UPC (coord.): D. Ameller, X. Franch, C. Gómez, S. Martínez
INRIA: J. Cabot*, H. Brunelière
NOVA: J. Araujo, A. Moreira, V. Amaral, M. Goulão
TUM: D. Méndez, B. Schätz, S. Teufl
TUW: S. Biffl, M. Wimmer
UM: A. Vallecillo, L. Burgueño
UNIVAQ: H. Muccini, V. Cortellessa

* currently at UOC

5 Research questions

RQ1	In which context is MDD adopted by companies?
RQ2	To what extent do MDD approaches adopted by companies support NFRs?
RQ3	How do companies deal with NFRs when the adopted MDD approach does not support them?

6 Current state

Defini tion → De sign → Impl. tion → Execu tion → Ana lysis → Pack aging

✓ ✓ ✓ ✓

See also our paper at RE'15!
Handling Non-functional Requirements in Model-Driven
Development: An Ongoing Industrial Survey

Webpage: http://www.essi.upc.edu/~gessi/NFR4MDD
Contact: dameller@essi.upc.edu

Want to join in future replica0ons? Talk to us!