

An incremental execution architecture design approach

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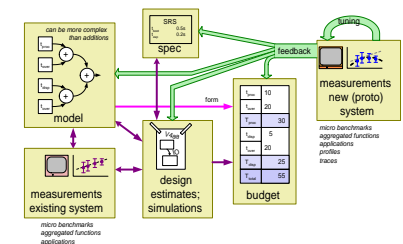
Abstract

An incremental design approach for the execution architecture is described. The method is based on identification of the most critical requirement from both user as well as technical point of view. The implementation itself is based on quantified budgets. The creation, modification and verification of the budget is discussed.

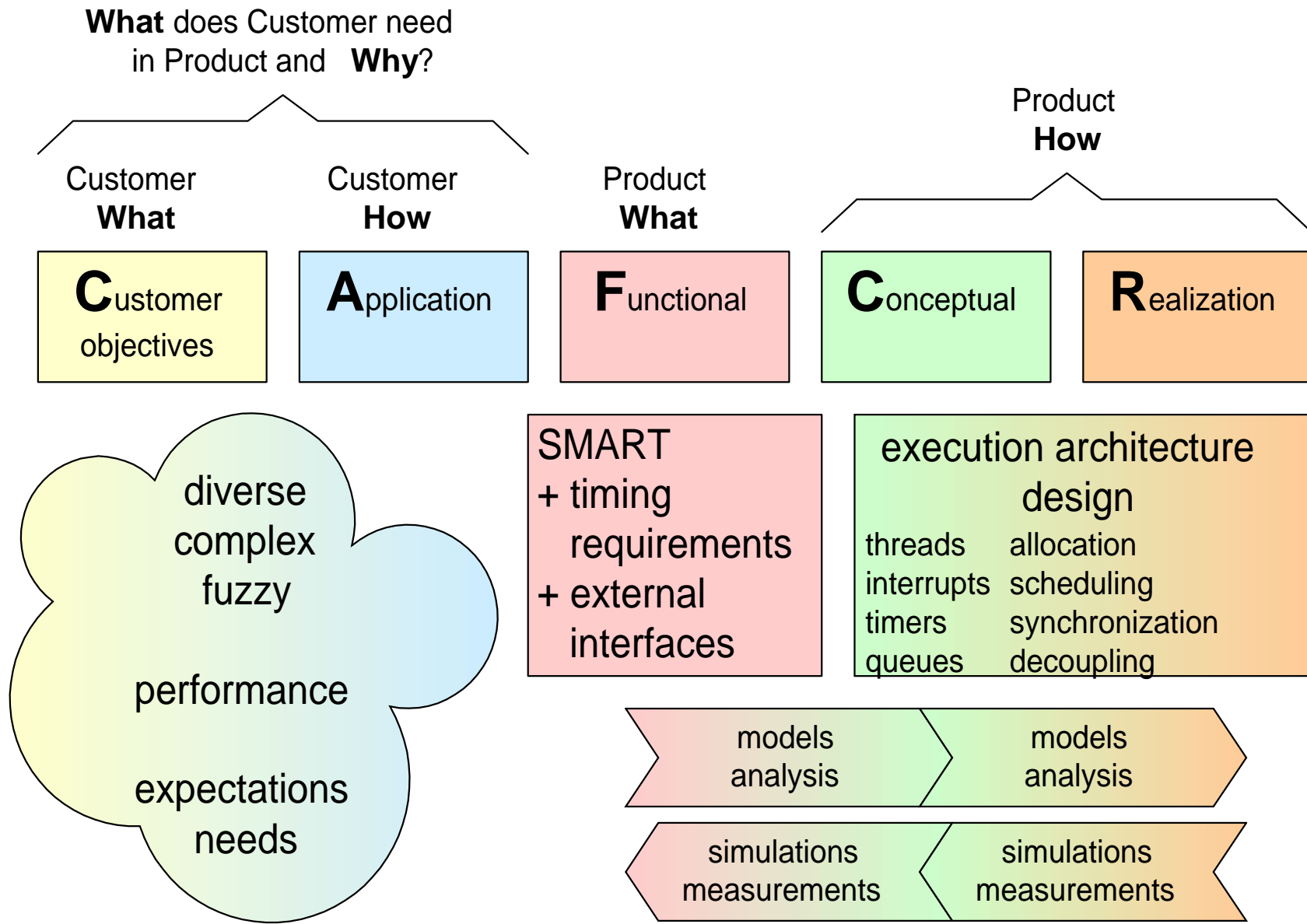
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July 1, 2011
status: draft
version: 1.0



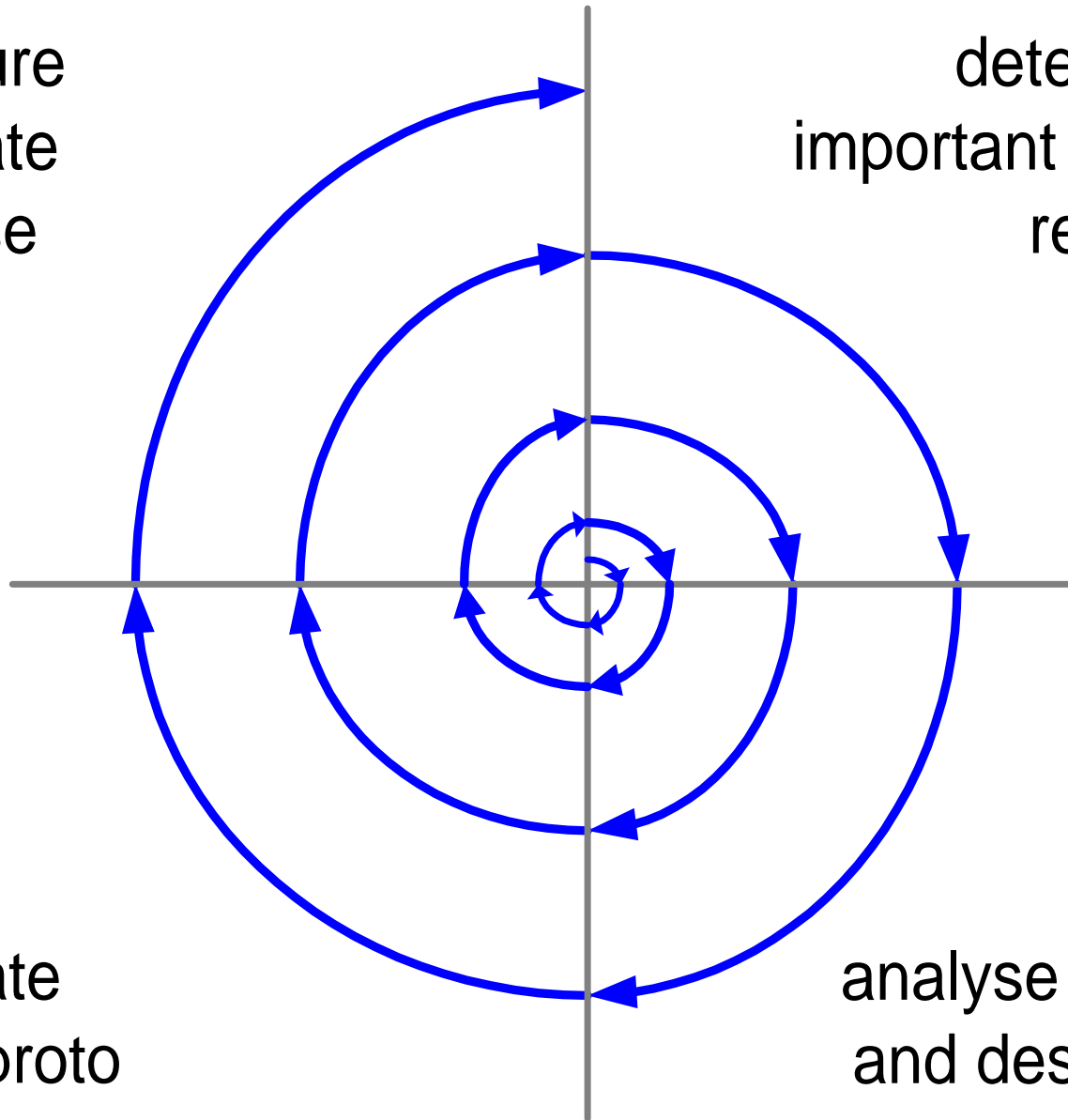
Positioning in CAFCR



Incremental approach

measure
evaluate
analyse

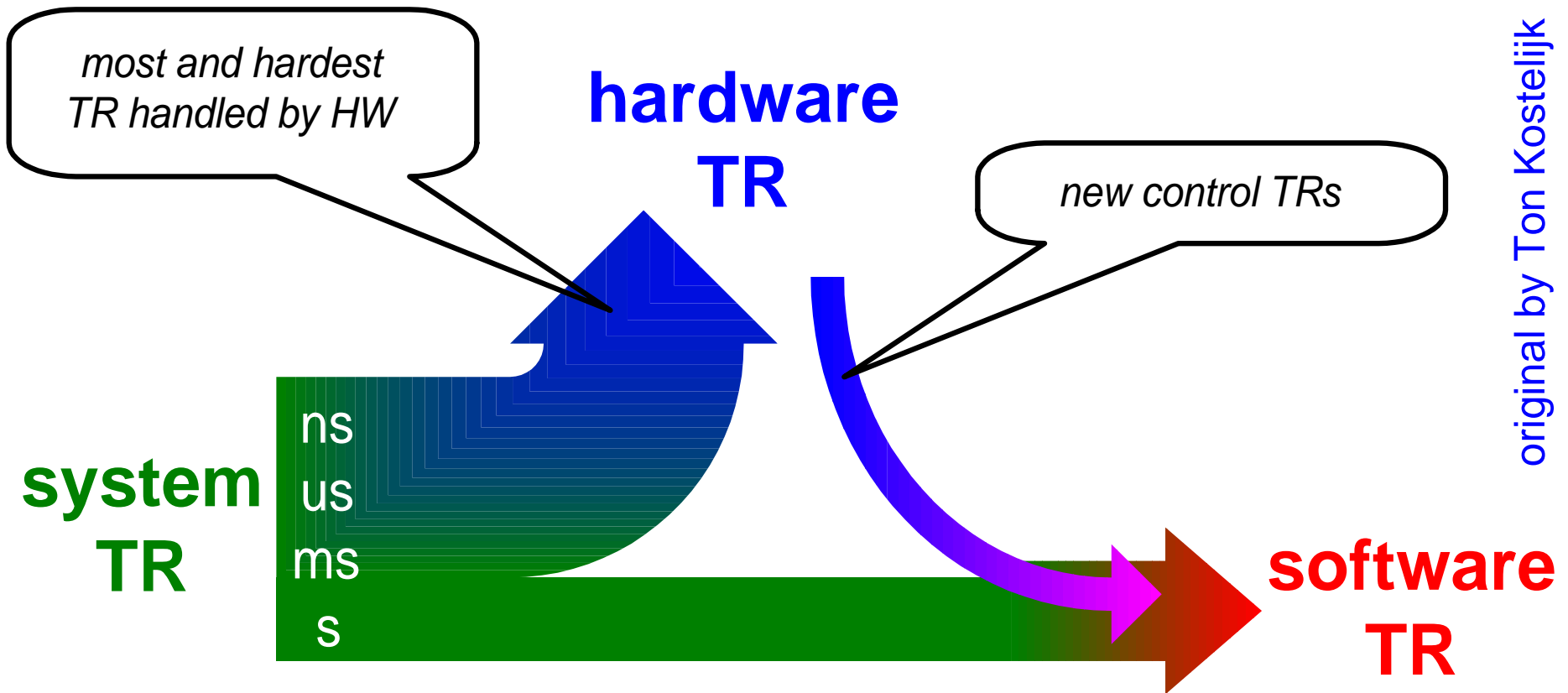
determine most
important and critical
requirements



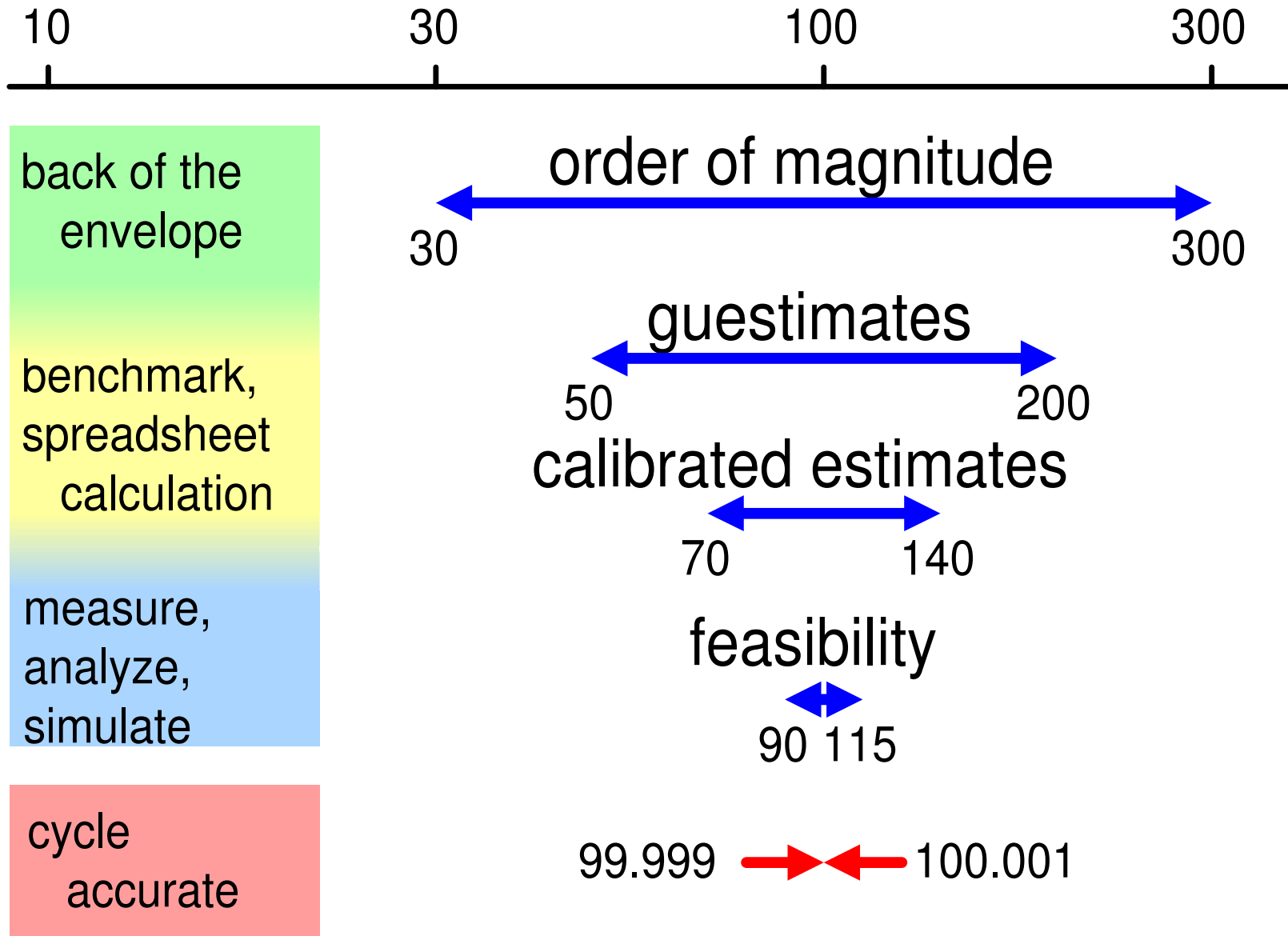
simulate
build proto

model
analyse constraints
and design options

Decomposition of system TR in HW and SW



Quantification steps



Budget based design

