

Comparing (IT) Project Methodologies

Ute Brodmann

Project Management trainer
and methodology expert

Agenda

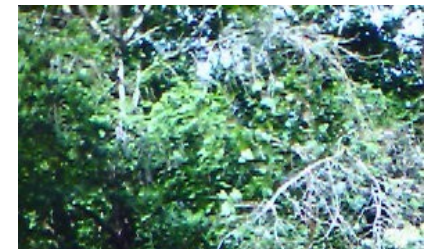
- The jungle of methodologies
- IT Project Methodologies
- Does it make sense?
- Questions and discussion

The methodology jungle



The methodology jungle

- Project Management
 - PMBoK
 - Prince2
- IT-System Development
 - SSADM
 - RUP
 - UML
- Process Improvement
 - Six Sigma
 - TQM
 - IQP
- Integrated
 - CSC Catalyst
 - Hermes
 - Summit D
 - V-Modell
- Maturity Models
 - CMMI
- Certification
 - PMI/PMP



Example Hermes

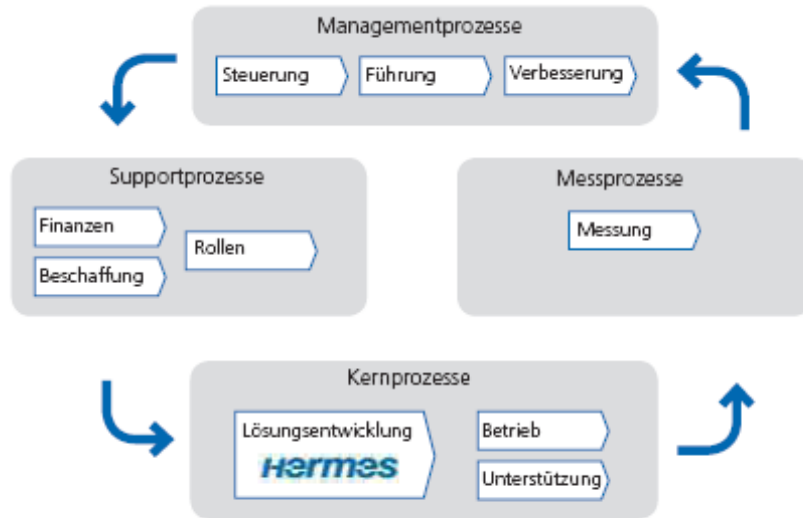


Abbildung 4: HERMES in einem Prozessumfeld der Informatik

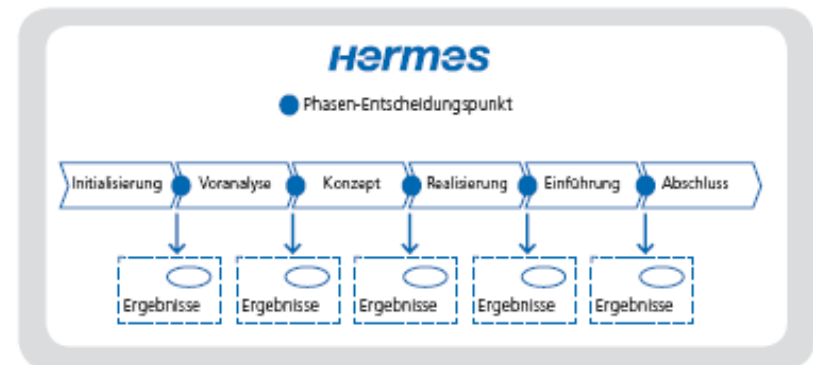
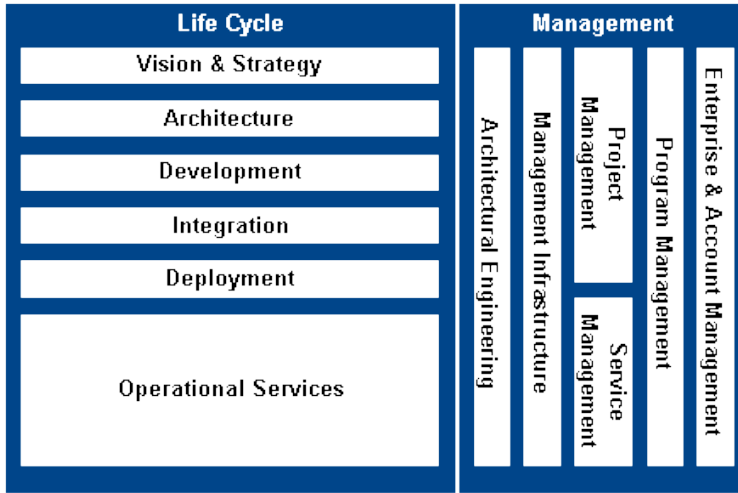
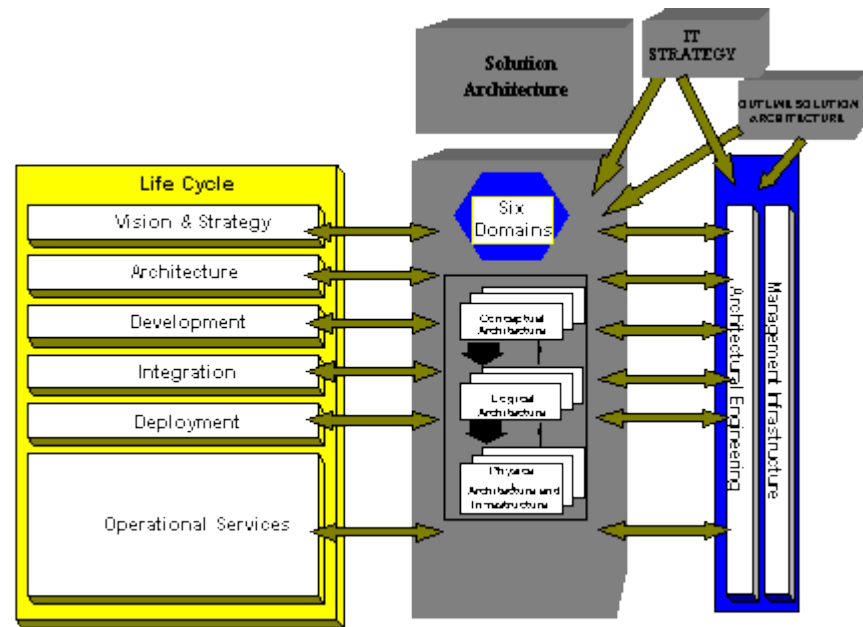


Abbildung 3: HERMES als Methode zur Durchführung von Vorhaben

Example CSC Catalyst



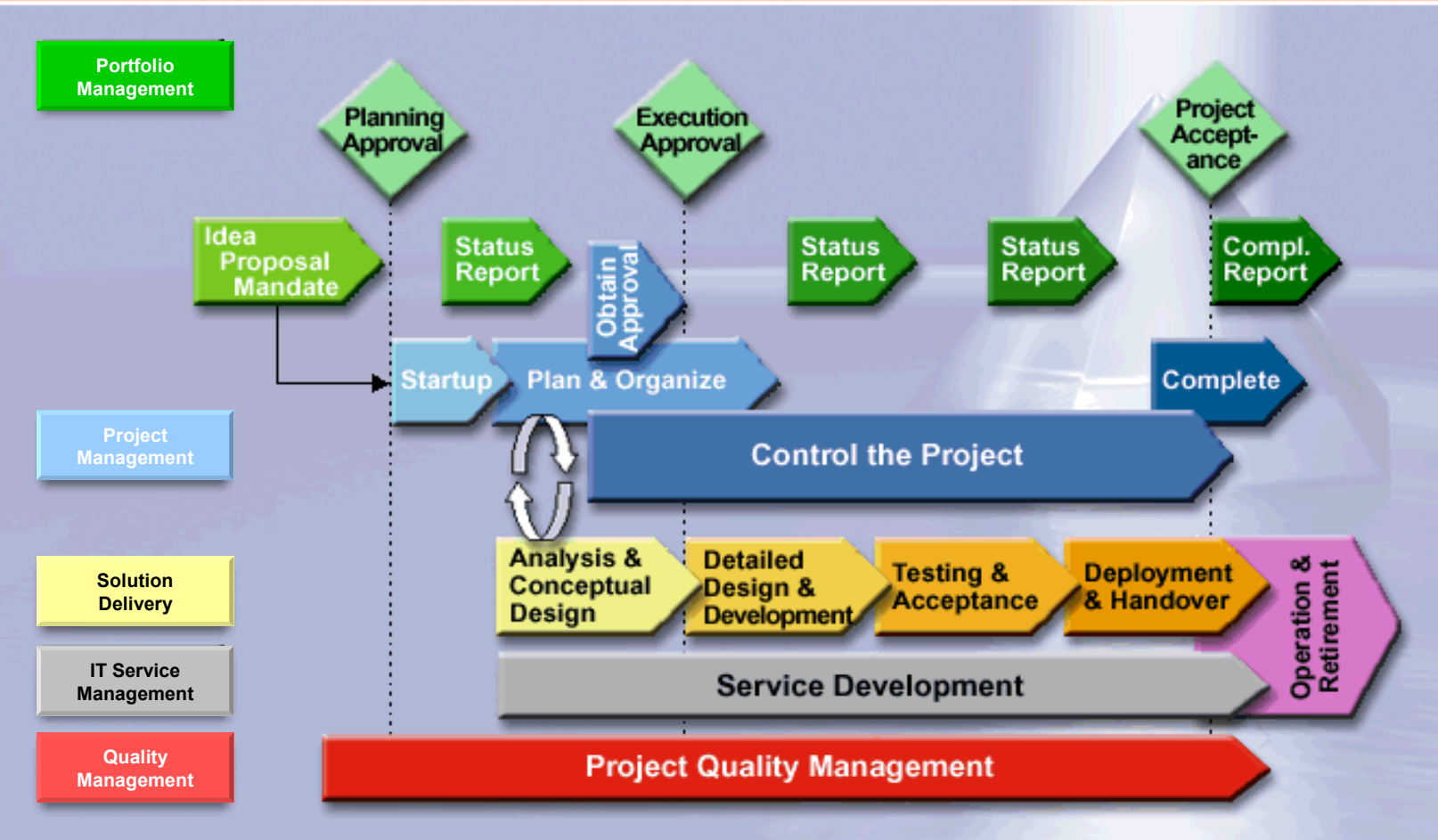
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Example Crystal

CRYSTAL NAVIGATOR CLASSIC



IT Project Methodologies

- Expectations from a Methodology
 - Repeatable processes
 - No re-invention of the wheel
 - Common language
 - Easy to learn and use
 - All involved parties will use the same methodology
 - Projects will be faster, cheaper and with better results

IT Project Methodologies

- Reality
 - IT system Development process is not really repeatable as we're not always building the same thing
 - Re-use requires a knowledge repository
 - Common language doesn't necessarily mean common understanding
 - Easy to learn is not = easy to use
 - Implementation in IT is not the solution, but business doesn't care about IT methodologies
 - Success depends on commitment rather than methodology

So, does it make sense?

- IT-Projects don't exist
- IT may be part of the solution
- Standards in system development make sense
- A methodology that doesn't cover the complete project is a risk
- A methodology that covers the complete project but is only used in IT doesn't work.

Questions and discussion

- What is your experience with project methodologies in IT?
 - From an IT perspective
 - From a business perspective
- Is your organization using a methodology?
 - Which one? (standard or home-made)
 - Does it meet expectations?
 - What are the main challenges?