

Essential Questions to Ask before We Start _(1/2)

What is the scope of the model?

- Phase: Requirements specification phase
- QA activities: Reviews (informal), not inspections (formal process, e.g., PBR)

What are my objectives?

- QA Planning based on requirements specification

What is my context?

- Domain: General model, domain-independent
- Size of review: 4 or more people
- Total project size: medium (100 PM – 300 PM)
- Software size: medium (100.000 – 300.000 LOC)
- Technologies used: UML, not DOA (data-oriented approach, common in Japan)
- Artifacts / documents: Structured document
- New development or enhancement: New development projects
- Process maturity: CMMI level 3 (having historical data)

What are my assumptions?

- Organization has some experience with customer A
- However, first-time-customer for project
- Customer has experience with information provision during development
- Final requirements document (no iterative development)

Essential Questions to Ask before We Start _(2/2)

What measurement data are available?

- Size measure for the artifact: # of pages
- Defect found by QA activity: # of issues detected after elimination of duplicates
- Defect sipping the QA activity: data not available

What is the number of QA applications (already completed)?

- 5-10 previous projects (influence on number of factors)

How is the QA (effort) planned?

- Is effort planned according to artifact size / size of change? Fixed rate between effort for review and # of pages
- Is there an existing estimation approach?
 - Models already existing
 - Build new model for evaluating whether its is appropriate for replacing the original model