



Evaluation Adoption

Method or approach chosen

- Evaluation methods or approaches have been reviewed.
- Criteria for choosing an evaluation method has been signed-off.
- The selection of an evaluation method or approach has been signed-off.

1/4

Evaluation Adoption

Method or approach integrated

- Method or approach chosen has been explained to evaluation stakeholders.
- Expected steps, activities, work products, roles and responsibilities are understood and agreed.

2/4

Quality Attributes

Identified

- Quality attributes are explicitly identified and recorded.
- A quality model is adopted.
- Some form of quality attributes articulation is observed (e.g., scenarios).

1/3

Quality Attributes

Tradeoffs understood

- The relative importance or priority of quality attributes is established.
- The determined prioritization is used for focusing on key attributes.
- Tradeoffs between quality attributes are analyzed and understood.

2/3

Architecture Description

General overview

- An architecture description exists in the form of a general overview (most of the time, this overview shows components deployment).
- Architecture description might or might not show any specific architecture component-connector configuration.

1/3

Architecture Description

Models developed

- The architecture description presents specific (ad-hoc) configurations for the system.
- In consequence, more than one model is expected to be part of the description.
- The description includes important views, and viewpoints are justified.

2/3

Architecture Decisions

Tacit identification

- Decisions are identified in tacit form.
- There is some knowledge about the rationale of the decision.
- There is some knowledge about who made the decision.

1/3

Architecture Decisions

Explicit identification

- Decisions are communicated in a clear and explicit, characterized way.
- There are efforts in recording decisions, although records can be ad-hoc.
- It is clear both who made the decision and the rationale behind it.
- Relationships between decisions are identified.

2/3

Business Goals

Identified

- Business or mission goals are explicitly identified.
- Architecture drivers (both business and mission) are identified.

1/3

Business Goals

Principles established

- Statements for the definition of the architecture are clear and explicitly identified.
- Principles that guide the architecture design are identified and are used for analyzing part or all of the architecture.

2/3

Evaluation Adoption

Working well

- Planned activities from the evaluation are being carried out with controlled deviation from plan.
- Consistent tools use.
- Consistent results from the evaluation initiative are being delivered.
- Stakeholders agree that evaluation goals are being met.

3/4

Evaluation Adoption

Organizational memory accrued

- Some form of retrospective has been carried out.
- Effort, practices, what worked well, and lessons learned have been recorded.
- Organizational memory has been updated (process-related knowledge recorded).

4/4

Quality Attributes

Addressed

- Prioritized quality attributes has been taken into account in the evaluation.
- Tradeoffs recorded and explained.

3/3

Architecture Description

Completed

- Architecture description has reached a state it can be considered as complete for the system.
- The description is expected to be expressed using description-oriented languages such as Archi, UML, SysML, ADLs, among other alternatives.

3/3

Architecture Decisions

Recorded and addressed

- Decisions are recorded in a specific format such as ADRs.
- Decisions are subject of versioning control or configuration management.
- Key decisions have been reviewed according to the chosen evaluation approach.

3/3

Business Goals

Addressed

- Interaction (e.g., tradeoffs) between business/mission goals is understood and have been used in the review.
- The evaluation provides evidence on how the architecture aids (or risks) meeting business/mission goals.

3/3