

Short ATAM Summary

- Step 1: Summary of the ATAM (5 min)
 - Make a short summary of steps and outputs.
- Step 2: Present Business Drivers (10 min)
 - Main functionality, technical constraints, business goals, and architectural drivers.
- Step 3: Present the Architecture (20 min)
 - Architectural tactics, architectural patterns, architectural views, constraints.
- Step 4: Identify Architectural Approaches (10 min)
 - Evaluation team identifies architectural patterns and tactics.
 - Also includes patterns and tactics from step 3.
- Step 5: Generate the Quality Attribute Utility Tree (30 min)
 - Generate the utility tree for the most important quality attribute goals.
 - Prioritize scenarios in two dimensions: Importance and Difficulty (L,L), (M,L), (H,M) etc...
- Step 6: Analyze the Architectural Approaches (60 min)
 - Examine the high-ranked scenarios one at a time:
 - Find architectural approaches/decisions to carry out scenario.
 - Identify and write down risks, nonrisks, sensitivity points and trade-offs
- Step 9: Present the Results. Document the results:
 - Architectural approaches (tactics, patterns, decisions) mapped to quality requirements.
 - The utility tree.
 - A set of risks discovered
 - A set of non-risks documented.
 - A set of risk themes.
 - The sensitivity and trade-off points found.
- Assign these roles to the evaluation team:
 - Team and evaluation leader: Manage contact and process.
 - Scenario scribe: Make notes of scenario on paper.
 - Proceedings scribe: Secretary.
 - Timekeeper, Process observer, Process enforcer, and Questioner: Aid in the process.
- Architecture stakeholders and project decision makers:
 - Role for presenting business drivers.
 - Role for presenting the architecture.