

Architecture Characteristics Worksheet

System/Project: Spotlight

Architect/Team: Arch8s Date: 15/6/2022

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others: cost

simplicity

domain partitioning

a denotes characteristics that are related; some systems
b only need one of these, other systems may need both

Top 3 Driving Characteristics

<input checked="" type="checkbox"/>	1. cost
<input checked="" type="checkbox"/>	2. simplicity
<input checked="" type="checkbox"/>	3. scalability
<input type="checkbox"/>	4. domain partitioning
<input type="checkbox"/>	5.
<input type="checkbox"/>	6.
<input type="checkbox"/>	7.

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are deemed *structural* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Implicit Characteristics

feasibility (cost/time)

security

maintainability

simplicity

Others Considered