

Design Template

- 1) Brainstorm design alternatives and list their pros and cons.
 - 2) List the architecture approaches / Decisions used in the chosen design
 - 3) List the responsibilities of the new or changed components and/or modules
 - 4) Describe the interfaces of the new or changed modules / components
 - 5) List the risks that come with your design
 - 6) List the action items that still have to be executed
- see whiteboard picture*

DESIGN ALTERNATIVES

Use the following table to capture the design alternatives

Alternatives	Pros	Cons
A1	See whiteboard picture	
A2		
A3		
A4		

ARCHITECTURE APPROACHES

Use the following table to capture the architecture approaches used for the selected solution.

Approach	Description
1	Active redundancy on the whole server.
2	coordinator manages Event Publisher health.
3	
4	
5	
6	

RESPONSIBILITIES

Use the following table to capture the responsibilities of new or changed modules

Responsibilities	
Modules	
M1 Coordinator	add capacity to monitor be manage timeouts of Event Publishers
M2	add capacity to kill/restart Event publishers
M3	
M4 EventProducer	Be called multiple times when hung,
M5	
M6	

INTERFACES

List the information exchanged between the new and/or changed Modules.

Module	Provided Interface	Required Interfaces
M1 Coordinator.		Error Propagation
M2		
M3		
M4		
M5		
M6		

RISKS / To Do

List the risks that come with your design

- some events not treated all the way up
- if coordinator unreliable, still single point of failure. (local solution)
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List the open action items

- interaction with higher levels in case of error
- reliability/availability more globally.
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