Motivation and Approach
Simulation workflows are, in contrast to business workflows, executed less frequently. As a consequence the needed resources utilized only for the duration of the simulation leading to unevenly distributed load. Therefore we need means to automatically:

- allocate resources when they are needed
- release resources when they are no longer needed
- provision / deprovision the workflow middleware
- deploy / undeploy the simulation services

Current Work

**Execution Context (Original)**

- Functional requirements - Cloud 1: AAS, X
- Nonfunctional requirements - Execution: In X
- Provisioning requirements - X

**Service Calls**

- User defines execution context
- observe execution and capture execution data

**Execution Context (Generated)**

- Functional requirements - Cloud 1: AAS, X
- Nonfunctional requirements - Execution: Any X
- Provisioning requirements - X

**High degree of freedom**

**References**
