

WP20

# QA Scenarios

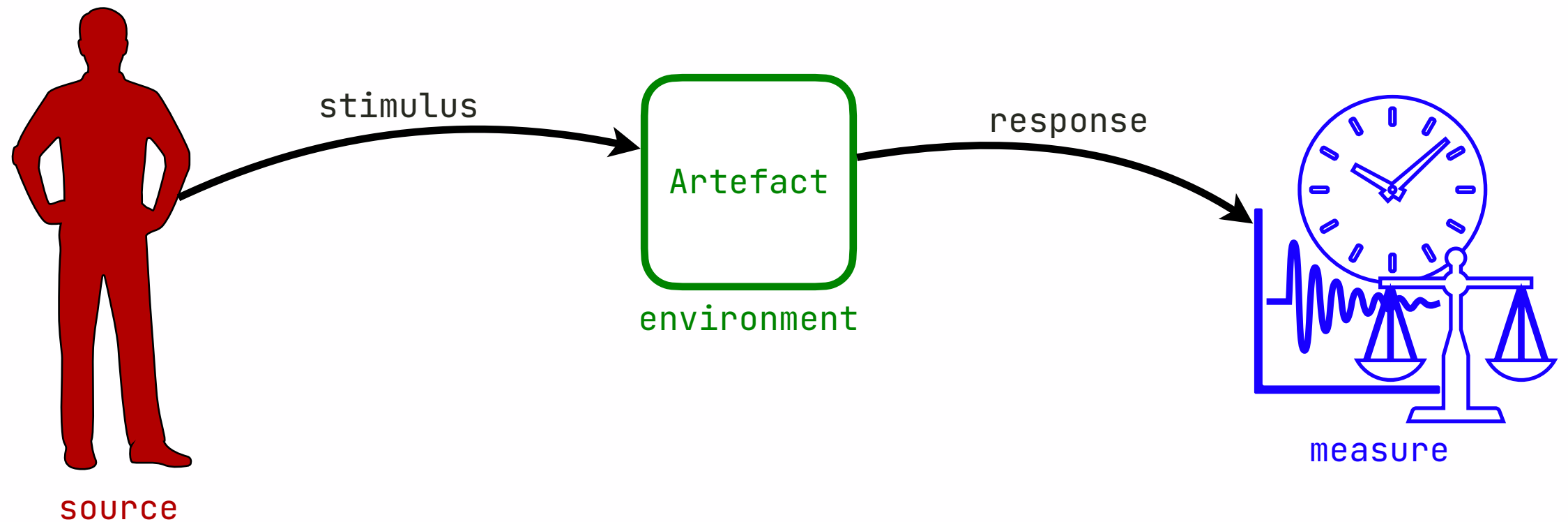
**Design of Software Architectures**

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# Quality attributes

- **Active vs descriptive**
  - related to performing the activity
  - related to a property of the activity
- **Stakeholder analysis**
  - interaction, tasks, concerns
- **Prior experience**
  - ask an expert
  - use a framework

# QA scenarios



# Let's fix it:

- The product must be user friendly and easy to use
- Response time should be less than 1 second
- The system should be always available
- It shall work just like the previous system, but on a new platform
- The system must never fail, and if it does, should produce a report
- The product should be accessible
- The communication protocol cannot change
- The system has to be robust
- You must support many parallel users
- The product must fit all users' individual needs

# QA scenarios

- Write/draw **3+** scenarios
  - most important **quality attributes**
- Be explicit about the **conditions** & other limits
- Explain how **your design** realises it
  - what happens between **stimulus** and **response**?
- Be specific about **measures**