Poster: Controlling the Elasticity of Web Applications on Cloud Computing
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Elasticity

The ability of a cloud infrastructure modifying its resource configuration according to application demand.

Elasticity States

Specific sequence of elasticity states, e.g., regression testing, bug reproduction, etc.

Control the required sequence of elasticity states.

Research Problem

- Specific sequence of elasticity states, e.g., regression testing, bug reproduction, etc.
- Control the required sequence of elasticity states.

Our Approach Workflow

- Our approach leads the application through the required elasticity states;
- It does not stress the application;
- It requires the elasticity states in a fast way.

Future work:
- Test aspects, such as test procedure and test oracle.