Poster: Controlling the Elasticity of Web Applications on Cloud Computing
Michel Albonico, Jean-Marie Mottu, Gerson Sunyé

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Controlling the Elasticity of Web Applications on Cloud Computing

Michel Albonico, michel.albonico@utfpr.edu.br, AtlanMod Team (Inria, Mines Nantes, LINA), Nantes, France / UTFPR, Brazil
Jean-Marie Mottu, jean-marie.motu@inria.fr, AtlanMod Team (Inria, Mines Nantes, LINA), Nantes, France / University of Nantes
Gerson Sunyé, gerson.sunye@inria.fr, AtlanMod Team (Inria, Mines Nantes, LINA), Nantes, France / University of Nantes

1 Elasticity

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

2 Elasticity States

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

3 Research Problem

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

4 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.

5 Experiment Result

6 Conclusion and Future Work

- 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.