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# Animation of formal specifications of information systems with RoZ and JazaGUIv3 (demo)

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## Résumé

RoZ is a tool that translates a class diagram, enhanced with Z annotations, into a Z specification. This demo will present how this Z specification can be animated with the latest version of JazaGUI. JazaGUI is based on the jaza animator enhanced with a graphical user interface. This interface displays animation scenarios as a tree of method calls. It generates object diagrams from the current state of the animation, and uses the "why" feature of jaza to help explain animations which led to a failure. The tool is used to teach formal methods to Master’s students.

Working group : HiFi (and IDM)

**Mots-Clés:** animation of specifications, integrated formal methods, validation, HiFi

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