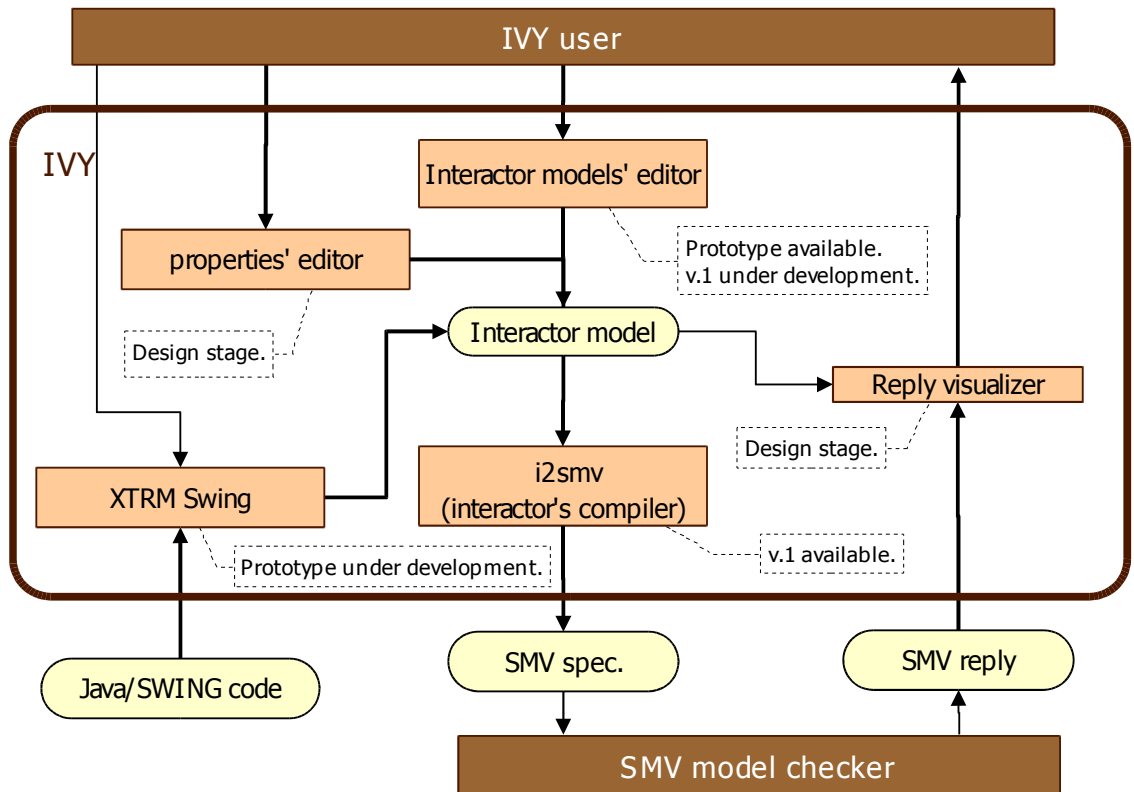# IVY – a model-based usability analysis tool

Goals:

• Detection of potential usability problems early in development.

Approach:

• Automated inspection of early models of interactive systems.

• Reverse-engineering of user interface code.

IVY architecture:

Main Related Publications:

• J.C. Campos & M.D. Harrison (1999) Using automated reasoning in the design of an audio-visual communication system. DSV-IS '99, pp 167-188. Springer.

• J.C. Campos & M.D. Harrison (2001) Model Checking Interactor Specifications. Automated Software Engineering, 8(3-4):275-310, August.

• J.C. Campos (2003) Using task knowledge to guide interactor specifications analysis. Interactive Systems: Design, Specification and Verification, LNCS vol. 2844 (in print). Springer.

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