**TimeSquare: a software environment for timed systems**

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http://www.inria.fr/recherche/equipes/aoste.en.html

**Aoste** promotes a model-driven engineering (MDE) approach for embedded system design based on formal semantics, models and methods.

**TimeSquare** is a software environment for modeling and analysis of timed systems. It implements the Time Model introduced in the UML profile for **Marte** (Modeling and Analysis of Real-Time & Embedded systems) and its companion constraint language **CCSL**.

**TimeSquare**
- Interactive application of stereotypes and constraint editor
- Constraint solving (clock calculus) producing consistent time evolutions
- Simulation trace display in a VCD viewer + advanced highlighting functions

**Distribution**
Eclipse plug-ins available at  
http://www.inria.fr/sophia/teams/aoste/dev/time_square

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