

# TEMPO README

vo.i.6 (BETA)

3/9/2007

## Distribution

Content

- Tempo vo.i.6

tempo.jar

Plug-ins

- Tempo Simulation
- Tempo to PVS Translator
- Tempo UPPAAL Model Checker
- Tempo LaTeX Translator

stages/sim.jar

stages/tio2pvs.jar

stages/uppaal.jar

stages/tempo2tex.jar



## Description

Graphical User Interface and Command-line tools for analyzing the Timed Input Output Automaton language. Functionality includes lexical analysis, semantic analysis, simulation, PVS translation, UPPAAL translation, and LaTeX translation. This is a limited beta release and will expire on May 1, 2007. At that time please revisit the veromodo website for a new release.

## News

This release includes updates to all of the tools including PVS 3.2 integration support for the PVS Translator plugin. For details on how to setup the PVS integration please refer to the PVS manual supplement include in the docs folder. For information on other recent changes to Tempo please see the release notes documentation.

## Requirements

Java Runtime Environment 5.0 (JRE 1.6) (Directions on how to satisfy the requirements are in the INSTALL file).

## Installation

Read the accompanying INSTALL document before proceeding with the installation.

## Known Problems and Limitations

Read the accompanying release notes document.

## Resources

Documentation of the Tempo language syntax and Tempo tools can be found in the documentation directory.

## Contact

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## ANTLR

Tempo is implemented using the ANTLR parser generator. An unmodified copy of the ANTLR library is packaged inside the tempo.jar file. The ANTLR license is as follows,

### **ANTLR 2 License**

We reserve no legal rights to the ANTLR—it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commercial software.

We encourage users to develop software with ANTLR. However, we do ask that credit is given to us for developing ANTLR. By “credit”, we mean that if you use ANTLR or incorporate any source code into one of your programs (commercial product, research project, or otherwise) that you acknowledge this fact somewhere in the documentation, research report, etc... If you like ANTLR and have developed a nice tool with the output, please mention that you developed it using ANTLR. In addition, we ask that the headers remain intact in our source code. As long as these guidelines are kept, we expect to continue enhancing this system and expect to make other tools available as they are completed.