



## LIVRABLE LOGICIEL

**Projet : SOPRANO**

**Date : 29/03/2016**

**Identifieur : (git : 66e1c6f78e8b Wed Apr 13 2016)**

**Intitulé : preliminary implementation of the SOPRANO-solver, roadmap**

**WP/Tâche : D4.2**

**Date échéance : T0+12 avec T0=14/01/2015**

**URL : <http://soprano-project.fr/delivrables/D4.2.tar.gz>**

**Documentation : The basic building block of the SOPRANO-solver, called Popop, are provided:**

- **parser for dimacs (SAT), SMTLIB, Alt-Ergo**
- **generic decision and propagation framework**
- **prototype of generic conflict computation framework**
- **theories: boolean (and, or, xor), uninterpreted functions and uninterpreted sorts, ite, equality on rational arithmetic)**
- **unit tests for the theories**

**See the README for the roadmap.**

**Installation : INSTALL file**

**Test : see the INSTALL file**



