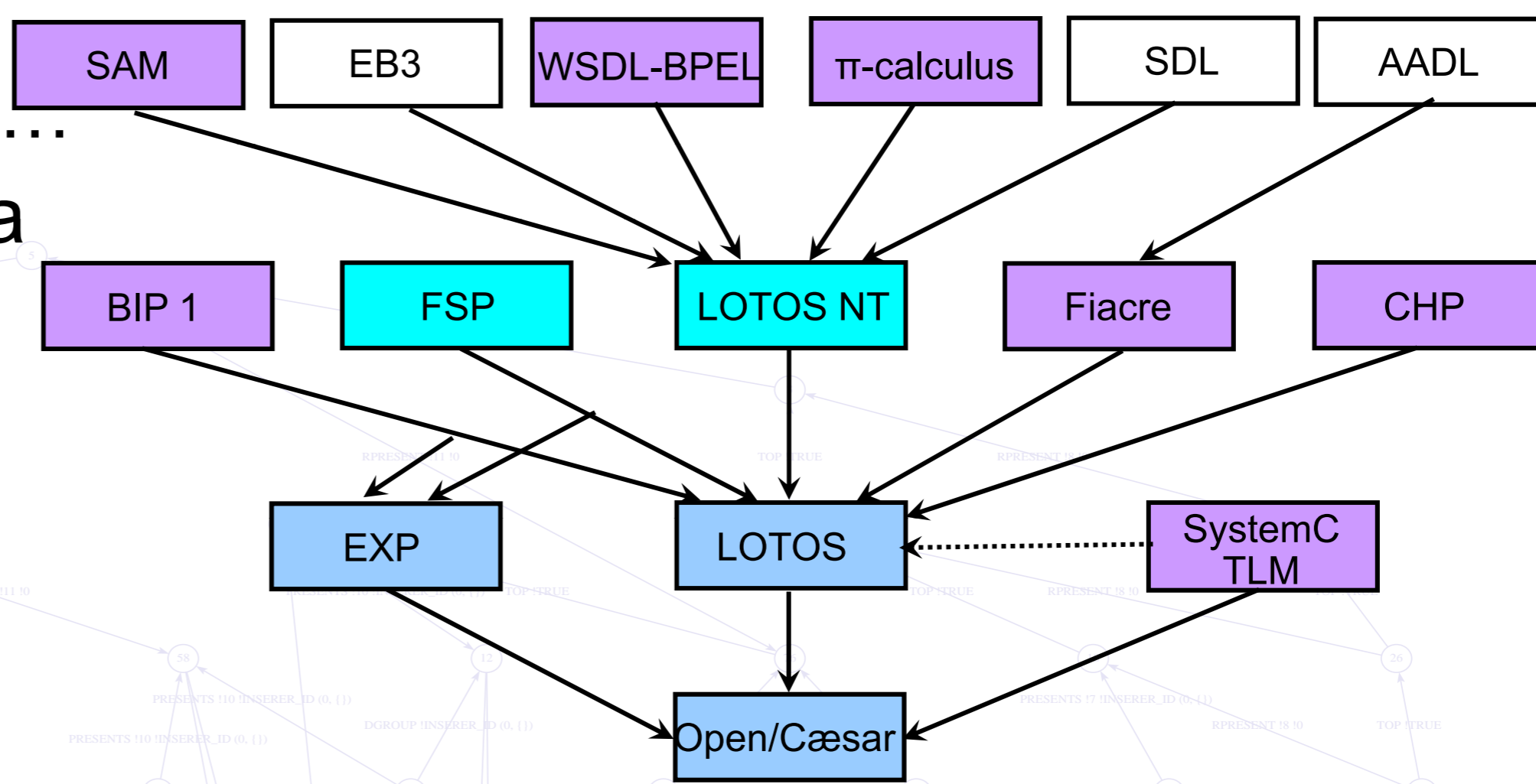


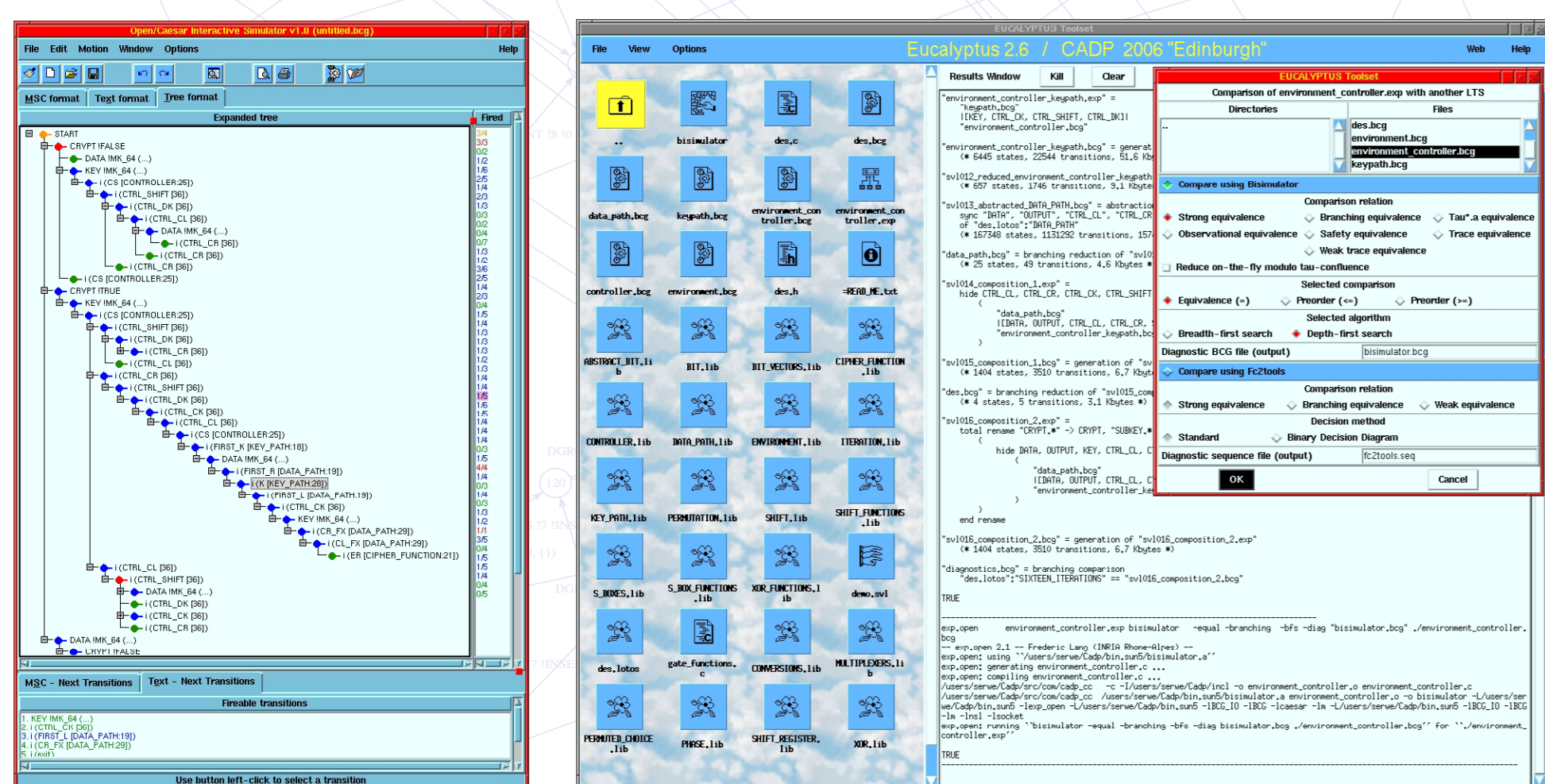
Many formal input languages

- process calculi: LOTOS, LNT, π , FSP, ...
- networks of communicating automata



Simulation and rapid prototyping

- code generation (C)
- step-by-step & guided execution
- random execution



Explicit-state verification...

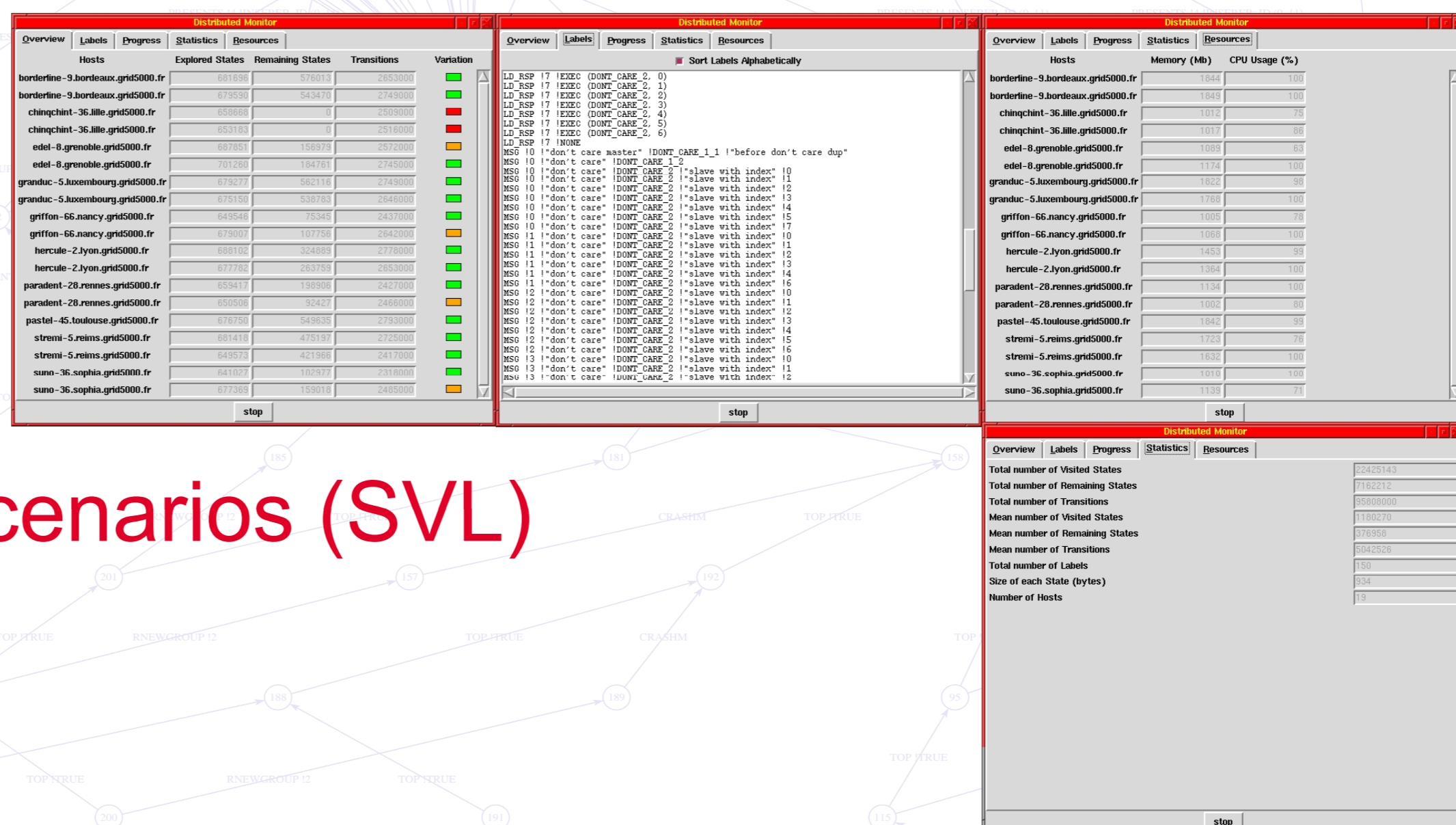
- model checking (μ -calculus, MCL)
- equivalence checking (bisimulations)
- visual checking

...using different techniques:

- exhaustive
- partial
- on the fly
- compositional
- distributed (clusters, grids)

Performance evaluation

- Markovian minimization
- transient & steady state analysis
- steady state simulation



Test case generation

Script language for verification scenarios (SVL)

Some figures about CADP 2014

- 50 tools and 20 software libraries
- 6 computing platforms: Solaris, Linux, Windows, OS X (32&64 bit)
- International dissemination:

- 10,000th license granted in 2012
- licenses granted for 934 machines in 2013
- 170+ case-studies using CADP <http://cadp.inria.fr/case-studies>
- 80+ research tools connected to CADP <http://cadp.inria.fr/software>
- 60+ university lectures based on CADP <http://cadp.inria.fr/training>
- User forum (300+ users and 1550+ messages) <http://cadp.inria.fr/forum.html>

