Ardoises

Formal Modeling Platform

https://ardoises.ovh

Ardoises is a platform for modeling and verification. It allows its users to create and manipulate formalisms, models and tools.

Ardoises features:

- web interface
- API for tool integration
- collaborative editing of models
- composable formalisms and models
- tight coupling to GitHub and Docker
- fully open source (MIT license)

I can define my own formalisms, and reuse existing ones.

I can create, publish and use tools on models.

We can create models, and edit them collaboratively.

Graph

Bipartite Graph

Directed Graph

Place/Transition Petri net

Petri net Structure

Automaton Structure

Invariants

Symmetric Petri net

Automaton

Simulator

Model Checker

Dining Philosophers

Petri net Reachability Graph

Timed Automaton