

THE UPPAAL MODEL CHECKER DMI UIB





### **the uppaal model checker pdf**

Version History. This version history documents the developments in Uppaal since the first beta release of Uppaal 3.0 in July 20, 1999. The version history of the previous Uppaal versions (i.e. version 2.17 and earlier) can be found in this README file.. July 1st, 2014: Uppaal 4.1.19 - Development snapshot A snapshot of the 4.1-version currently under development.

### **UPPAAL**

In computer science, model checking or property checking refers to the following problem: Given a model of a system, exhaustively and automatically check whether this model meets a given specification. Typically, one has hardware or software systems in mind, whereas the specification contains safety requirements such as the absence of deadlocks and similar critical states that can cause the ...

### **Model checking - Wikipedia**

The coordination of multiple autonomous vehicles into convoys or platoons is expected on our highways in the near future. However, before such platoons can be deployed, the behaviours of the vehicles in these platoons must be certified.

### **Formal verification of autonomous vehicle platooning**

In computer science, specifically software engineering and hardware engineering, formal methods are a particular kind of mathematically based technique for the specification, development and verification of software and hardware systems. The use of formal methods for software and hardware design is motivated by the expectation that, as in other engineering disciplines, performing appropriate ...

### **Formal methods - Wikipedia**

There is an enormous amount of information on constructing various sorts of "interesting", in one or another way, mathematical objects, e.g.