



















Goal Model Diagram

≻The KAOS methodology [Van Lamsweerde et al. 1993] use this model to analyze the requirements of software systems.

≻The Tropos methodology [Perini et al.,2001] also advocate the use of goal diagrams for requirements analysis.

≻A methodology founded on Tropos for designing Web Services also has been proposed [Lau et al., 2004].













≻As we have seen, formal methods increase the **confidence** in our systems.

>We want a **formal specification** equivalent to the visual specification in order to analyze the model.

>We choose **Timed Automata**, because they allow us to specify and verify temporal properties.

>There are tools like **UPPAAL** supporting this formalism, including a model checker engine.

















