

Situation calculus: monkey and banana

name, email

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1 Problem formalization

- a brief description of your formalization both in simple and complex case,
- possible assignment extensions and further author's specifications (e.g., only a single object may be placed in a single location at the same time),

2 The tested goals

- how did you test the implemented solution?
- the overview of goals, the system outcome (mostly $\$F$, explored, loop, in doubts an analysis of the proof tree),

3 Efficiency and scalability of solution

- what happens when the complexity of the problem grows (more agents, more objects and their properties, restricted accessibility, etc.),
- is there any relationship between the way of formalization and efficiency? explain ...

4 Conclusions

- did you reach the goal? do you have any doubts about your solution?
- which other planning options do we have besides situation calculus?
- any other feedback on the task and Prover9?