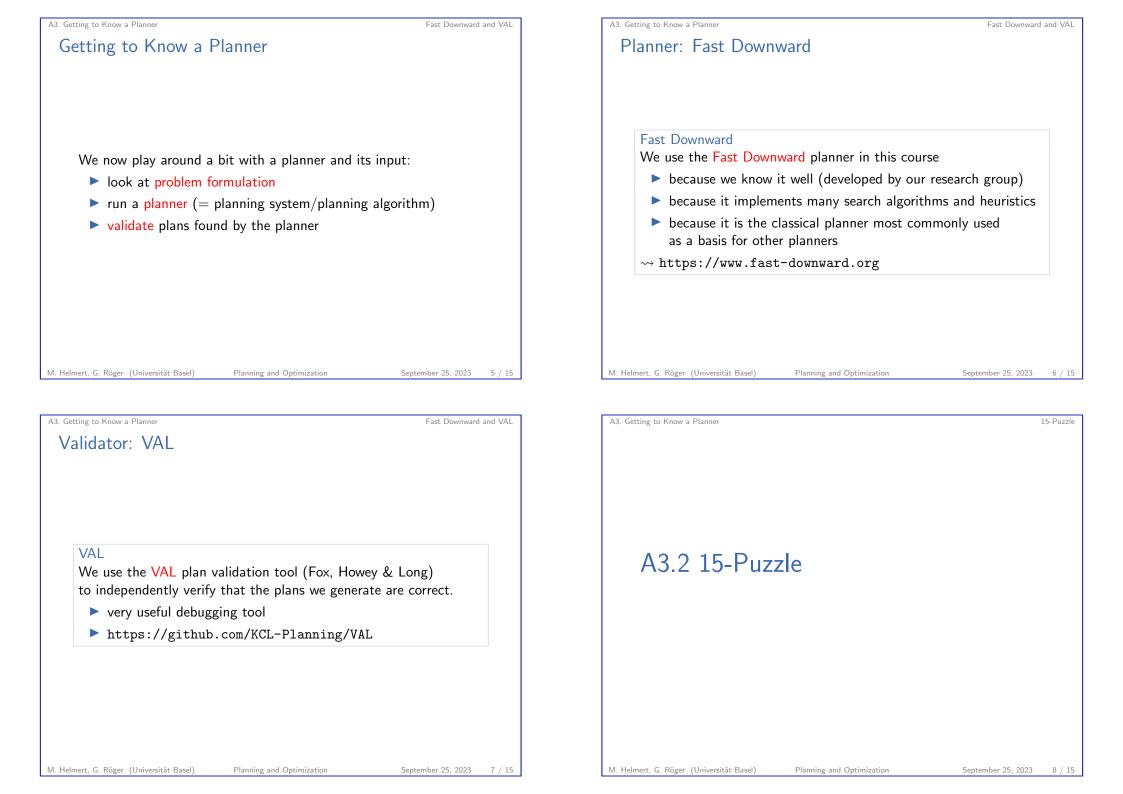
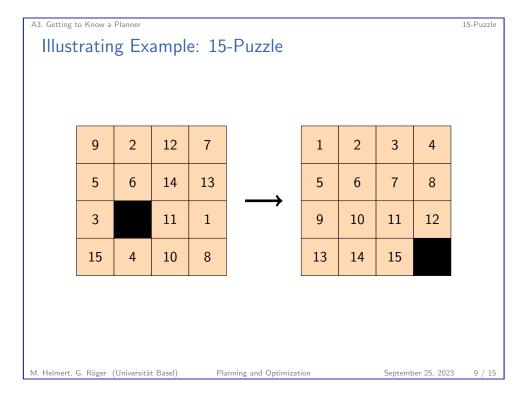


A3. Getting to Know a Planner

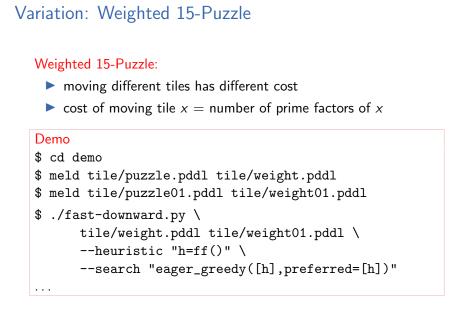
Fast Downward and VAL

A3.1 Fast Downward and VAL





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Planning and Optimization

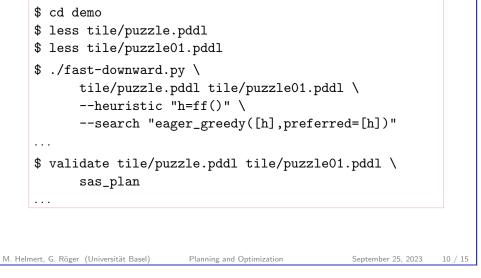
September 25, 2023

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A3. Getting to Know a Planner

Solving the 15-Puzzle

Demo



Note: different heuristic used!



Variation: Cheating 15-Puzzle

Cheating 15-Puzzle:

 Can remove tiles from puzzle frame (creating more blanks) and reinsert tiles at any blank location.

Demo

A3. Getting to Know a Planner

M. Helmert, G. Röger (Universität Basel)

Summary

- ▶ We saw planning tasks modeled in the PDDL language.
- We ran the Fast Downward planner and VAL plan validator.
- We made some modifications to PDDL problem formulations and checked the impact on the planner.

A3. Getting to Know a Planner Summary A3. A Getting to Know a Planner Summary

Planning and Optimization

Summarv