Key message:

Successor generation can be done

efficiently with database techniques

in lifted planning!

LIFTED PLANNING

- Ground states + action schemas
- States can be seen as databases

(:preconditions (and (at ?X ?Y)

RESULTS

Time comparison in hard-to-ground domains:



Lifted Successor Generation using Query Optimization Techniques Augusto B. Corrêa, Florian Pommerening, Malte Helmert, and Guillem Francès University of Basel, Switzerland and Universitat Pompeu Fabra, Spain

