

Planner FF and pure problem instances																															
time\SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22										
preprocessing time (normalisation)		0	Killed																												
reachability analysys		0.03																													
Total (with search)		0.03																													
Planner FF and SIMPLE-ADL with AXIOMS																															
time\SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22										
Precompilation time (real time in cmd)		0.01	0.018	0.019	0.028	0.059	0.115	0.261	0.561	1.094	2.039	3.668	6.311	10.504	17.293	28.046	45.836	69.598	107.331	162.738	271.299										
preprocessing time (normalisation)		0	0	0	0	0	0.01	0.02	0.04	0.08	0.12	0.19	0.29	0.46	0.67	0.96	too many predicates: currently 10 000														
reachability analysys		0	0	0	0	0.01	0	0.01	0	0.01	0.01	0.02	0.03	0.03	0.04	0.05															
Total (with search)		0	0	0	0	0.01	0.02	0.03	0.05	0.1	0.16	0.24	0.36	0.54	0.77	1.1															
Planner FF and SIMPLE-ADL with Nebel's flag encoding																															
time\SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22										
Precompilation time (real time in cmd)		0.01	0.018	0.023	0.03	0.063	0.134	0.281	0.593	1.135	2.112	3.786	6.453	10.766	17.374	29.191	43.685	67.42	107.898	158.79	232.897										
preprocessing time (normalisation)		0	0	0.02	0.06	0.17	0.53	1.46	3.53	6.71	12.63	increase MAX_PREDICATES (currently 10000)																			
reachability analysys		0	0	0	0	0.02	0.02	0.07	0.15	0.28	0.53																				
Total (with search)		0.41	more than 10 min																												
PDDL size Axioms			9kb	22Kb	39Kb	65Kb	102Kb																								
PDDL size Nebel			24Kb	115Kb	279Kb	588Kb	1.1Mb																								
# flags			13	67	147	279	471																								
Planner FD and pure problem instances																															
time\SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22										
preprocessing time		0.064	0.087	2.269	!! os killed Driver aborting after translate																										
Solver Time		0.00582931	0.00411912	0.0047929																											
total		0.06982931	0.09111912	2.2737929																											
Planner FD and SIMPLE-ADL with AXIOMS																															
time\SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22										
preprocessing time		0.057	0.126	0.174	0.248	0.335	0.542	0.761	1.211	1.29	1.772	2.486	3.179	4.176	5.35	6.439	7.959	9.72	12.046	14.356	17.788										
Solver Time		0.00300594	0.00338286	0.0046199	0.00659649	0.00949289	0.0132001	0.0183498	0.0241985	0.0349113	0.0511965	0.0574123	0.0706906	0.0840333	0.108372	0.128515	0.154576	0.211326	0.237966	0.274215	0.322096										
total		0.06000594	0.12938286	0.1786199	0.25459649	0.34449289	0.5552001	0.7793498	1.2351985	1.3249113	1.8231965	2.5434123	3.2496906	4.2600333	5.458372	6.567515	8.113576	9.931326	12.283966	14.630215	18.110096										
Planner FD and SIMPLE-ADL with Nebel's flag encoding																															
time\SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22										
preprocessing time		13.723	31.197	36.576	113.262	192.426	178.2	193.449	249.768	418.223	579.578	more than 10 min																			
Solver Time		0.138653																													
total		13.861653																													