

CoDMAP - Detailed Results

<http://agents.cz/codmap>

Michal Štolba and Antonín Komenda

`{stolba,komenda}@agents.fel.cvut.cz`

Department of Computer Science, Faculty of Electrical Engineering,
Czech Technical University in Prague, Czech Republic

and Daniel L. Kovacs

`dkovacs@mit.bme.hu`

Department of Measurement and Information Systems,
Faculty of Electrical Engineering and Informatics
Budapest University of Technology and Economics, Hungary

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Planners

Planner	comp.	opt.	MA-PDDL		MA-STRIPS compatible	priv.	cent. /dist.	single- /multi-thr.
			factor.	priv.				
MADLA	YES	NO	NO	NO	YES	O	C	M
MAPR-p	NO	NO	YES	YES	YES	O	C	S
CMAp-t	NO	NO	YES	YES	YES	O	C	S
CMAp-q	NO	NO	YES	YES	YES	O	C	S
PMR	NO	NO	YES	YES	YES	O	C	S
MH-FMAP	YES	NO	YES	YES	YES	P	D	M
MAPLan/LM-Cut	YES	YES	NO	NO	YES	O	C	M
MAPlan/MA-LM-Cut	YES	YES	NO	NO	YES	O	C	M
MAPlan/FF+DTG	YES	NO	NO	NO	YES	O	C	M
PSM-VRD	YES	NO	YES	NO	YES	P	C	S?
PSM-VR	YES	NO	YES	NO	YES	P	C	S?
Anytime-LAPKT	YES	NO*	YES	YES	YES	T	C	S?
SIW+ -then-BFS(f)	YES	NO	YES	YES	YES	T	C	S?
DFS+	NO	NO	YES	YES	YES	T	C	S?
ADP	YES	NO	NO	NO	NO	N	C	S
ADP-legacy	YES	NO	NO	NO	NO	N	C	S
MARC	YES	NO	YES	YES	YES	T	C	S

Privacy: O - obfuscation, P - preserving, T - translation, N - no privacy

Coverage

Domain	block.	depot	driver.	elevat.	logist.	rov.	sat.	sok.	taxi	wire.	wood.	zeno.	Σ
	20	20	20	20	20	20	20	20	20	20	20	20	240
ADP-legacy	20	16	20	20	20	20	20	17	20	9	20	20	222
ADP	20	13	20	20	20	20	20	17	20	8	20	20	218
SIW+ -then-BFS(f)	20	19	17	20	20	20	20	18	20	7	17	18	216
CMAp-t	20	17	19	20	20	20	20	13	20	5	16	20	210
DFS+	20	18	19	18	20	20	20	14	20	0	20	19	208
Anytime-LAPKT	20	16	15	19	19	18	20	17	20	7	17	19	207
CMAp-q	19	17	19	18	19	20	20	13	20	5	15	19	204
MAPlan/FF+DTG	20	13	16	12	18	20	19	16	20	4	15	18	191
PSM-VRD	20	17	20	15	18	12	18	18	0	0	20	13	171
MADLA	19	0	15	18	19	19	20	10	7	2	6	19	154
PMR	20	0	19	18	0	20	20	6	19	7	0	20	149
MAPR-p	20	0	20	20	20	19	19	0	0	2	0	20	140
PSM-VR	12	2	15	13	18	12	15	6	0	0	7	13	113
MH-FMAP	0	2	17	9	4	7	17	4	20	0	8	14	102
MAPlan/LM-Cut	2	5	13	2	6	1	3	13	19	4	5	6	79
MAPlan/MA-LM-Cut	2	4	12	2	8	1	7	5	15	2	5	8	71
MARC	0	0	0	0	1	0	0	0	0	0	0	0	1

Quality (IPC Score)

Domain	block.	depot	driver.	elevat.	logist.	rov.	sat.	sok.	taxi	wire.	wood.	zeno.	Σ
	20	20	20	20	20	20	20	20	20	20	20	20	240
CMAP-q	15	17	19	17	18	20	20	13	20	5	14	18	195
Anytime-LAPKT	19	15	15	14	18	17	20	17	20	6	16	16	193
ADP-legacy	12	8	17	13	19	18	17	12	18	9	19	17	178
ADP	12	7	17	13	19	18	17	12	18	8	19	17	176
CMAP-t	12	13	15	12	19	19	19	10	18	4	15	16	172
SIW+ -then-BFS(f)	18	13	13	12	13	16	18	15	15	6	15	12	166
DFS+	18	12	13	11	13	16	18	13	15	0	18	12	160
MAPlan/FF+DTG	10	8	10	5	11	18	18	7	15	4	13	9	125
PMR	12	0	15	10	0	18	16	3	17	6	0	19	116
PSM-VRD	11	11	16	7	14	10	8	12	0	0	16	9	114
MAPR-p	12	0	15	15	20	15	16	0	0	2	0	18	113
MH-FMAP	0	2	16	5	4	6	17	4	17	0	7	13	91
MADLA	5	0	10	6	13	12	12	5	5	1	5	11	85
PSM-VR	8	1	14	5	14	10	10	5	0	0	6	9	83
MAPlan/LM-Cut	2	5	13	2	6	1	3	13	19	4	5	6	79
MAPlan/MA-LM-Cut	2	4	12	2	8	1	7	5	15	2	5	8	71
MARC	0	0	0	0	1	0	0	0	0	0	0	0	1

Time (IPC Agile Score)

Domain	block.	depot	driver.	elevat.	logist.	rov.	sat.	sok.	taxi	wire.	wood.	zeno.	Σ
	20	20	20	20	20	20	20	20	20	20	20	20	240
SIW+ -then-BFS(f)	13	16	12	16	17	15	16	15	15	4	11	14	164
CMap-t	16	12	15	15	15	17	16	11	14	2	14	16	163
ADP-legacy	14	11	13	17	15	15	14	12	13	8	16	15	162
DFS+	14	16	14	15	15	16	15	9	16	0	13	13	154
ADP	12	7	14	15	14	14	14	13	13	7	16	13	151
MAPlan/FF+DTG	11	6	9	5	10	15	11	9	14	3	12	8	112
MAPR-p	15	0	17	16	12	16	16	0	0	1	0	15	107
PMR	12	0	11	11	0	12	12	3	11	3	0	12	87
MADLA	7	0	8	9	10	10	9	4	3	1	3	8	73
PSM-VRD	7	6	10	6	7	4	9	7	0	0	10	5	72
Anytime-LAPKT	5	5	6	7	5	4	5	6	10	3	5	5	67
CMap-q	4	6	7	5	5	5	5	6	9	2	5	6	65
PSM-VR	5	1	6	5	8	4	5	2	0	0	2	5	43
MAPlan/LM-Cut	1	2	7	1	3	0	2	7	11	2	3	3	42
MH-FMAP	0	1	9	3	2	2	6	1	8	0	3	6	40
MAPlan/MA-LM-Cut	1	2	6	1	3	0	3	2	8	1	3	4	33
MARC	0	0	0	0	1	0	0	0	0	0	0	0	1

Planners

Planner	comp.	opt.	MA-PDDL		MA-STRIPS compatible	priv.	cent. /dist.	single- /multi-thr.
			factor.	priv.				
MH-FMAP	YES	NO	YES	YES	YES	P	D	M
MAPLan/LM-Cut	YES	YES	YES	YES	YES	P	D	S
MAPlan/MA-LM-Cut	YES	YES	YES	YES	YES	P	D	S
MAPlan/FF+DTG	YES	NO	YES	YES	YES	P	D	S
PSM-VRD	YES	NO	YES	YES	YES	P	D	S?
PSM-VR	YES	NO	YES	YES	YES	P	D	S?

Privacy: O - obfuscation, P - preserving, T - translation, N - no privacy

Coverage

Domain	block.	depot	driver.	elevat.	logist.	rov.	sat.	sok.	taxi	wire.	wood.	zeno.	Σ
	20	20	20	20	20	20	20	20	20	20	20	20	240
PSM-VRD	20	16	20	5	16	18	13	17	20	0	19	16	180
MAPlan/FF-DTG	14	10	18	9	16	18	19	14	19	4	14	19	174
MH-FMAP	0	2	18	9	4	8	18	4	20	0	8	16	107
PSM-VR	12	1	16	2	0	14	13	7	9	0	9	16	99
MAPlan/LM-Cut	2	5	15	2	4	1	2	13	19	3	3	6	75
MAPlan/MA-LM-Cut	1	2	9	0	5	1	4	4	14	2	4	6	52

Quality (IPC Score)

Domain	block.	depot	driver.	elevat.	logist.	rov.	sat.	sok.	taxi	wire.	wood.	zeno.	Σ
	20	20	20	20	20	20	20	20	20	20	20	20	240
PSM-VRD	17	15	16	4	15	12	5	13	16	0	17	10	140
MAPlan/FF-DTG	7	6	12	6	13	18	16	10	15	4	13	15	135
MH-FMAP	0	2	17	8	4	8	18	4	17	0	7	15	100
MAPlan/LM-Cut	2	5	15	2	4	1	2	13	19	3	3	6	75
PSM-VR	11	1	14	1	0	9	5	6	6	0	8	10	72
MAPlan/MA-LM-Cut	1	2	9	0	5	1	4	4	14	2	4	6	52

Time (IPC Agile Score)

Domain	block.	depot	driver.	elevat.	logist.	rov.	sat.	sok.	taxi	wire.	wood.	zeno.	Σ
	20	20	20	20	20	20	20	20	20	20	20	20	240
MAPlan/FF-DTG	14	9	17	8	13	18	19	13	19	2	9	18	159
PSM-VRD	14	14	14	4	14	8	6	12	15	0	18	8	127
MH-FMAP	0	1	11	4	2	3	7	1	10	0	4	10	52
MAPlan/LM-Cut	1	3	10	1	3	0	1	10	14	3	2	5	52
PSM-VR	5	0	7	1	0	7	6	3	3	0	5	8	45
MAPlan/MA-LM-Cut	0	1	4	0	2	0	1	2	7	2	3	4	27

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