Nivel Basico

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

no metric specified. plan length assumed.

checking for cyclic := effects --- OK.

ff: search configuration is EHC, if that fails then best-first on 1\*g(s) + 5\*h(s) where

metric is plan length

Cueing down from goal distance: 15 into depth [1]

14 [1]

13 [1]

12 [1]

11 [1]

10 [1]

9 [1]

8 [1]

7 [1]

6 [1]

5 [1]

4 [1]

3 [1]

2 [1]

1 [1]

0

ff: found legal plan as follows

step 0: CARGARSUMINISTRO S1 R1 B1

1: CARGARSUMINISTRO S2 R1 B1

2: CARGARSUMINISTRO S3 R1 B1

3: MOVERROVERDEBASE R1 B1 B2

4: CARGARPERSONA P1 R1 B2

5: CARGARPERSONA P2 R1 B2

6: CARGARPERSONA P3 R1 B2

7: MOVERROVERDEBASE R1 B2 B4

8: DECARGARPERSONA P1 R1 B4

9: DECARGARPERSONA P2 R1 B4

10: DECARGARPERSONA P3 R1 B4

11: MOVERROVERDEBASE R1 B4 B3

12: DECARGARSUMINISTRO S1 R1 B3

13: DECARGARSUMINISTRO S2 R1 B3

14: DECARGARSUMINISTRO S3 R1 B3

time spent: 0.00 seconds instantiating 40 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 28 facts and 40 actions

0.00 seconds creating final representation with 28 relevant facts, 0 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

0.00 seconds searching, evaluating 22 states, to a max depth of 1

0.00 seconds total time

Extensión 1:

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

no metric specified. plan length assumed.

checking for cyclic := effects --- OK.

ff: search configuration is EHC, if that fails then best-first on 1\*g(s) + 5\*h(s) where

metric is plan length

Cueing down from goal distance: 15 into depth [1][2]

14 [1][2][3]

13 [1][2]

12 [1][2][3]

11 [1][2]

9 [1]

8 [1]

7 [1]

6 [1][2]

5 [1]

4 [1][2]

3 [1]

2 [1]

1 [1]

0

ff: found legal plan as follows

step 0: CARGARSUMINISTRO S1 R1 B1

1: MOVERROVERDEBASE R1 B1 B2

2: MOVERROVERDEBASE R1 B2 B3

3: DESCARGARSUMINISTRO S1 R1 B3

4: MOVERROVERDEBASE R1 B3 B1

5: CARGARSUMINISTRO S2 R1 B1

6: MOVERROVERDEBASE R1 B1 B2

7: MOVERROVERDEBASE R1 B2 B3

8: DESCARGARSUMINISTRO S2 R1 B3

9: MOVERROVERDEBASE R1 B3 B1

10: CARGARSUMINISTRO S3 R1 B1

11: MOVERROVERDEBASE R1 B1 B3

12: DESCARGARSUMINISTRO S3 R1 B3

13: MOVERROVERDEBASE R1 B3 B2

14: CARGARPERSONA P1 R1 B2

15: CARGARPERSONA P2 R1 B2

16: MOVERROVERDEBASE R1 B2 B4

17: DESCARGARPERSONA P1 R1 B4

18: MOVERROVERDEBASE R1 B4 B2

19: CARGARPERSONA P3 R1 B2

20: MOVERROVERDEBASE R1 B2 B4

21: DESCARGARPERSONA P2 R1 B4

22: DESCARGARPERSONA P3 R1 B4

time spent: 0.00 seconds instantiating 40 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 24 facts and 40 actions

0.00 seconds creating final representation with 24 relevant facts, 2 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

0.00 seconds searching, evaluating 55 states, to a max depth of 3

0.00 seconds total time

Extensión 2 versión básica:

$ ./ff -o dominiExtensio2.pddl -f problemaExtensio2.pddl

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

no metric specified. plan length assumed.

checking for cyclic := effects --- OK.

ff: search configuration is EHC, if that fails then best-first on 1\*g(s) + 5\*h(s) where

metric is plan length

Cueing down from goal distance: 22 into depth [1][2][3][4][5]

21 [1][2][3][4][5]

20 [1][2][3][4][5]

19 [1][2][3][4][5]

18 [1][2][3][4][5]

17 [1][2][3][4][5]

16 [1][2][3][4][5]

15 [1][2][3][4][5]

14 [1][2][3][4][5]

13 [1][2][3][4][5]

12 [1][2][3][4][5]

11 [1][2][3][4][5]

10 [1][2][3][4][5]

9 [1][2][3][4][5]

8 [1][2][3][4][5]

7 [1][2][3][4][5]

6 [1][2][3][4]

5 [1][2][3][4]

4 [1]

3 [1][2][3][4][5]

2 [1][2][3][4]

1 [1]

0

ff: found legal plan as follows

step 0: MOVERROVERDEBASE R1 B1 B2

1: CARGARPERSONA R1 B2

2: MOVERROVERDEBASE R1 B2 B3

3: DESCARGARPERSONA R1 B3

4: MOVERROVERDEBASE R1 B3 B1

5: MOVERROVERDEBASE R1 B1 B2

6: CARGARPERSONA R1 B2

7: MOVERROVERDEBASE R1 B2 B3

8: DESCARGARPERSONA R1 B3

9: MOVERROVERDEBASE R1 B3 B1

10: MOVERROVERDEBASE R1 B1 B2

11: CARGARPERSONA R1 B2

12: MOVERROVERDEBASE R1 B2 B3

13: DESCARGARPERSONA R1 B3

14: MOVERROVERDEBASE R1 B3 B1

15: MOVERROVERDEBASE R1 B1 B2

16: CARGARPERSONA R1 B2

17: MOVERROVERDEBASE R1 B2 B3

18: DESCARGARPERSONA R1 B3

19: MOVERROVERDEBASE R1 B3 B1

20: MOVERROVERDEBASE R1 B1 B2

21: CARGARPERSONA R1 B2

22: MOVERROVERDEBASE R1 B2 B3

23: DESCARGARPERSONA R1 B3

24: MOVERROVERDEBASE R1 B3 B1

25: MOVERROVERDEBASE R1 B1 B2

26: CARGARPERSONA R1 B2

27: MOVERROVERDEBASE R1 B2 B3

28: DESCARGARPERSONA R1 B3

29: MOVERROVERDEBASE R1 B3 B1

30: MOVERROVERDEBASE R1 B1 B2

31: CARGARPERSONA R1 B2

32: MOVERROVERDEBASE R1 B2 B3

33: DESCARGARPERSONA R1 B3

34: MOVERROVERDEBASE R1 B3 B1

35: MOVERROVERDEBASE R1 B1 B2

36: CARGARPERSONA R1 B2

37: MOVERROVERDEBASE R1 B2 B3

38: DESCARGARPERSONA R1 B3

39: MOVERROVERDEBASE R1 B3 B1

40: MOVERROVERDEBASE R1 B1 B2

41: CARGARPERSONA R1 B2

42: MOVERROVERDEBASE R1 B2 B3

43: DESCARGARPERSONA R1 B3

44: MOVERROVERDEBASE R1 B3 B1

45: MOVERROVERDEBASE R1 B1 B2

46: CARGARPERSONA R1 B2

47: MOVERROVERDEBASE R1 B2 B3

48: DESCARGARPERSONA R1 B3

49: MOVERROVERDEBASE R1 B3 B1

50: MOVERROVERDEBASE R1 B1 B2

51: CARGARPERSONA R1 B2

52: MOVERROVERDEBASE R1 B2 B3

53: DESCARGARPERSONA R1 B3

54: MOVERROVERDEBASE R1 B3 B1

55: MOVERROVERDEBASE R1 B1 B2

56: CARGARPERSONA R1 B2

57: MOVERROVERDEBASE R1 B2 B3

58: DESCARGARPERSONA R1 B3

59: MOVERROVERDEBASE R1 B3 B1

60: MOVERROVERDEBASE R1 B1 B2

61: CARGARPERSONA R1 B2

62: MOVERROVERDEBASE R1 B2 B3

63: DESCARGARPERSONA R1 B3

64: MOVERROVERDEBASE R1 B3 B1

65: MOVERROVERDEBASE R1 B1 B2

66: CARGARPERSONA R1 B2

67: MOVERROVERDEBASE R1 B2 B3

68: DESCARGARPERSONA R1 B3

69: MOVERROVERDEBASE R1 B3 B1

70: MOVERROVERDEBASE R1 B1 B2

71: CARGARPERSONA R1 B2

72: MOVERROVERDEBASE R1 B2 B3

73: DESCARGARPERSONA R1 B3

74: MOVERROVERDEBASE R1 B3 B1

75: MOVERROVERDEBASE R1 B1 B2

76: CARGARPERSONA R1 B2

77: MOVERROVERDEBASE R1 B2 B3

78: DESCARGARPERSONA R1 B3

79: MOVERROVERDEBASE R1 B3 B1

80: MOVERROVERDEBASE R1 B1 B2

81: CARGARPERSONA R2 B2

82: MOVERROVERDEBASE R2 B2 B3

83: DESCARGARPERSONA R2 B3

84: MOVERROVERDEBASE R2 B3 B1

85: CARGARSUMINISTRO R2 B1

86: MOVERROVERDEBASE R2 B1 B2

87: MOVERROVERDEBASE R2 B2 B3

88: DESCARGARSUMINISTRO R2 B3

89: CARGARPERSONA R1 B2

90: MOVERROVERDEBASE R1 B2 B3

91: MOVERROVERDEBASE R2 B3 B1

92: MOVERROVERDEBASE R2 B1 B2

93: DESCARGARPERSONA R1 B3

94: CARGARPERSONA R2 B2

95: CARGARPERSONA R2 B2

96: MOVERROVERDEBASE R2 B2 B3

97: DESCARGARPERSONA R2 B3

98: DESCARGARPERSONA R2 B3

time spent: 0.00 seconds instantiating 20 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 10 facts and 16 actions

0.00 seconds creating final representation with 10 relevant facts, 18 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

0.01 seconds searching, evaluating 1188 states, to a max depth of 5

0.01 seconds total time

Extensión 2 versión minimizar:

$ ./ff -O -o dominiExtensio2vMin.pddl -f problemaExtensio2vMin.pddl

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

metric established (normalized to minimize): ((1.00\*[RF0](TOTAL-COST)) - () + 0.00)

checking for cyclic := effects --- OK.

ff: search configuration is best-first on 1\*g(s) + 5\*h(s) where

metric is ((1.00\*[RF0](TOTAL-COST)) - () + 0.00)

advancing to distance: 22

21

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

ff: found legal plan as follows

step 0: CARGARPERSONA R2 B2

1: CARGARPERSONA R2 B2

2: MOVERROVERDEBASE R2 B2 B3

3: DESCARGARPERSONA R2 B3

4: DESCARGARPERSONA R2 B3

5: MOVERROVERDEBASE R2 B3 B1

6: MOVERROVERDEBASE R2 B1 B2

7: CARGARPERSONA R2 B2

8: CARGARPERSONA R2 B2

9: MOVERROVERDEBASE R2 B2 B3

10: DESCARGARPERSONA R2 B3

11: DESCARGARPERSONA R2 B3

12: MOVERROVERDEBASE R2 B3 B1

13: MOVERROVERDEBASE R2 B1 B2

14: CARGARPERSONA R2 B2

15: CARGARPERSONA R2 B2

16: MOVERROVERDEBASE R2 B2 B3

17: DESCARGARPERSONA R2 B3

18: DESCARGARPERSONA R2 B3

19: MOVERROVERDEBASE R2 B3 B1

20: MOVERROVERDEBASE R2 B1 B2

21: CARGARPERSONA R2 B2

22: CARGARPERSONA R2 B2

23: MOVERROVERDEBASE R2 B2 B3

24: DESCARGARPERSONA R2 B3

25: DESCARGARPERSONA R2 B3

26: MOVERROVERDEBASE R2 B3 B1

27: MOVERROVERDEBASE R2 B1 B2

28: CARGARPERSONA R2 B2

29: CARGARPERSONA R2 B2

30: MOVERROVERDEBASE R2 B2 B3

31: DESCARGARPERSONA R2 B3

32: DESCARGARPERSONA R2 B3

33: MOVERROVERDEBASE R2 B3 B1

34: MOVERROVERDEBASE R2 B1 B2

35: CARGARPERSONA R2 B2

36: CARGARPERSONA R2 B2

37: MOVERROVERDEBASE R2 B2 B3

38: DESCARGARPERSONA R2 B3

39: DESCARGARPERSONA R2 B3

40: MOVERROVERDEBASE R2 B3 B1

41: MOVERROVERDEBASE R2 B1 B2

42: CARGARPERSONA R2 B2

43: CARGARPERSONA R2 B2

44: MOVERROVERDEBASE R2 B2 B3

45: DESCARGARPERSONA R2 B3

46: DESCARGARPERSONA R2 B3

47: MOVERROVERDEBASE R2 B3 B1

48: MOVERROVERDEBASE R2 B1 B2

49: CARGARPERSONA R2 B2

50: CARGARPERSONA R2 B2

51: MOVERROVERDEBASE R2 B2 B3

52: DESCARGARPERSONA R2 B3

53: MOVERROVERDEBASE R1 B1 B2

54: DESCARGARPERSONA R2 B3

55: MOVERROVERDEBASE R2 B3 B1

56: CARGARSUMINISTRO R2 B1

57: MOVERROVERDEBASE R2 B1 B2

58: MOVERROVERDEBASE R2 B2 B3

59: DESCARGARSUMINISTRO R2 B3

60: MOVERROVERDEBASE R2 B3 B1

61: MOVERROVERDEBASE R2 B1 B2

62: CARGARPERSONA R2 B2

63: MOVERROVERDEBASE R2 B2 B3

64: DESCARGARPERSONA R2 B3

65: CARGARPERSONA R1 B2

66: MOVERROVERDEBASE R2 B3 B1

67: MOVERROVERDEBASE R2 B1 B2

68: MOVERROVERDEBASE R1 B2 B3

69: CARGARPERSONA R2 B2

70: CARGARPERSONA R2 B2

71: MOVERROVERDEBASE R2 B2 B3

72: DESCARGARPERSONA R1 B3

73: DESCARGARPERSONA R2 B3

74: DESCARGARPERSONA R2 B3

time spent: 0.00 seconds instantiating 20 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 10 facts and 16 actions

0.00 seconds creating final representation with 10 relevant facts, 19 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

7.75 seconds searching, evaluating 81203 states, to a max depth of 0

7.75 seconds total time

Extensión 3 versión maximizar prioridades:

./ff -O -o dominiExtensio3.pddl -f problemaExtensio3.pddl

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

metric established (normalized to minimize): ((1.00\*[RF0](PENALIZACION-TOTAL)) - () + 0.00)

checking for cyclic := effects --- OK.

ff: search configuration is best-first on 1\*g(s) + 5\*h(s) where

metric is ((1.00\*[RF0](PENALIZACION-TOTAL)) - () + 0.00)

advancing to distance: 13

12

10

9

8

7

6

5

4

3

2

1

0

ff: found legal plan as follows

step 0: CARGARSUMINISTRO R1 B1

1: CARGARPERSONA R2 B2

2: MOVERROVERDEBASE R1 B1 B2

3: MOVERROVERDEBASE R1 B2 B3

4: MOVERROVERDEBASE R2 B2 B3

5: DESCARGARPERSONA R2 B3

6: MOVERROVERDEBASE R2 B3 B4

7: MOVERROVERDEBASE R2 B4 B1

8: MOVERROVERDEBASE R2 B1 B2

9: CARGARPERSONA R2 B2

10: MOVERROVERDEBASE R2 B2 B3

11: DESCARGARPERSONA R2 B3

12: MOVERROVERDEBASE R2 B3 B4

13: MOVERROVERDEBASE R2 B4 B1

14: MOVERROVERDEBASE R2 B1 B2

15: CARGARPERSONA R2 B2

16: MOVERROVERDEBASE R2 B2 B3

17: DESCARGARPERSONA R2 B3

18: MOVERROVERDEBASE R2 B3 B4

19: MOVERROVERDEBASE R2 B4 B1

20: MOVERROVERDEBASE R2 B1 B2

21: CARGARPERSONA R2 B2

22: MOVERROVERDEBASE R2 B2 B3

23: DESCARGARPERSONA R2 B3

24: MOVERROVERDEBASE R2 B3 B4

25: MOVERROVERDEBASE R2 B4 B1

26: MOVERROVERDEBASE R2 B1 B2

27: MOVERROVERDEBASE R2 B2 B3

28: MOVERROVERDEBASE R2 B3 B4

29: MOVERROVERDEBASE R2 B4 B1

30: MOVERROVERDEBASE R2 B1 B2

31: MOVERROVERDEBASE R2 B2 B3

32: MOVERROVERDEBASE R2 B3 B4

33: MOVERROVERDEBASE R2 B4 B1

34: MOVERROVERDEBASE R2 B1 B2

35: MOVERROVERDEBASE R2 B2 B3

36: MOVERROVERDEBASE R2 B3 B4

37: MOVERROVERDEBASE R2 B4 B1

38: MOVERROVERDEBASE R2 B1 B2

39: MOVERROVERDEBASE R2 B2 B3

40: MOVERROVERDEBASE R2 B3 B4

41: MOVERROVERDEBASE R2 B4 B1

42: MOVERROVERDEBASE R2 B1 B2

43: MOVERROVERDEBASE R2 B2 B3

44: MOVERROVERDEBASE R2 B3 B4

45: MOVERROVERDEBASE R2 B4 B1

46: MOVERROVERDEBASE R2 B1 B2

47: MOVERROVERDEBASE R2 B2 B3

48: MOVERROVERDEBASE R2 B3 B4

49: MOVERROVERDEBASE R2 B4 B1

50: MOVERROVERDEBASE R2 B1 B2

51: MOVERROVERDEBASE R2 B2 B3

52: MOVERROVERDEBASE R2 B3 B4

53: MOVERROVERDEBASE R2 B4 B1

54: MOVERROVERDEBASE R2 B1 B2

55: MOVERROVERDEBASE R2 B2 B3

56: MOVERROVERDEBASE R2 B3 B4

57: MOVERROVERDEBASE R2 B4 B1

58: MOVERROVERDEBASE R2 B1 B2

59: MOVERROVERDEBASE R2 B2 B3

60: MOVERROVERDEBASE R2 B3 B4

61: DESCARGARSUMINISTRO R1 B3

62: MOVERROVERDEBASE R1 B3 B4

63: MOVERROVERDEBASE R1 B4 B1

64: CARGARSUMINISTRO R1 B1

65: MOVERROVERDEBASE R1 B1 B2

66: MOVERROVERDEBASE R1 B2 B3

67: DESCARGARSUMINISTRO R1 B3

68: MOVERROVERDEBASE R1 B3 B4

69: MOVERROVERDEBASE R1 B4 B1

70: CARGARSUMINISTRO R1 B1

71: MOVERROVERDEBASE R1 B1 B2

72: MOVERROVERDEBASE R1 B2 B3

73: DESCARGARSUMINISTRO R1 B3

74: MOVERROVERDEBASE R1 B3 B4

75: MOVERROVERDEBASE R1 B4 B1

76: CARGARSUMINISTRO R1 B1

77: MOVERROVERDEBASE R1 B1 B2

78: MOVERROVERDEBASE R1 B2 B3

79: DESCARGARSUMINISTRO R1 B3

80: MOVERROVERDEBASE R1 B3 B4

81: MOVERROVERDEBASE R1 B4 B1

82: CARGARSUMINISTRO R1 B1

83: MOVERROVERDEBASE R1 B1 B2

84: MOVERROVERDEBASE R1 B2 B3

85: DESCARGARSUMINISTRO R1 B3

time spent: 0.00 seconds instantiating 28 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 12 facts and 24 actions

0.00 seconds creating final representation with 12 relevant facts, 24 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

0.00 seconds searching, evaluating 241 states, to a max depth of 0

0.00 seconds total time

Extensión 3 versión maximizar priorirdades y minimizar combustible

./ff -O -o dominiExtensio3.pddl -f problemaExtensio3.pddl

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

metric established (normalized to minimize): ((1.00\*[RF0](PENALIZACION-TOTAL)10.00\*[RF1](TOTAL-COST)) - () + 0.00)

checking for cyclic := effects --- OK.

ff: search configuration is best-first on 1\*g(s) + 5\*h(s) where

metric is ((1.00\*[RF0](PENALIZACION-TOTAL)10.00\*[RF1](TOTAL-COST)) - () + 0.00)

advancing to distance: 13

12

11

10

9

8

7

6

5

4

3

2

1

0

ff: found legal plan as follows

step 0: CARGARPERSONA R2 B2

1: CARGARPERSONA R2 B2

2: MOVERROVERDEBASE R2 B2 B3

3: DESCARGARPERSONA R2 B3

4: DESCARGARPERSONA R2 B3

5: MOVERROVERDEBASE R2 B3 B4

6: MOVERROVERDEBASE R2 B4 B1

7: CARGARSUMINISTRO R1 B1

8: MOVERROVERDEBASE R1 B1 B2

9: MOVERROVERDEBASE R1 B2 B3

10: DESCARGARSUMINISTRO R1 B3

11: MOVERROVERDEBASE R1 B3 B4

12: MOVERROVERDEBASE R1 B4 B1

13: MOVERROVERDEBASE R1 B1 B2

14: CARGARPERSONA R1 B2

15: CARGARPERSONA R1 B2

16: MOVERROVERDEBASE R1 B2 B3

17: DESCARGARPERSONA R1 B3

18: DESCARGARPERSONA R1 B3

19: MOVERROVERDEBASE R1 B3 B4

20: MOVERROVERDEBASE R1 B4 B1

21: CARGARSUMINISTRO R1 B1

22: MOVERROVERDEBASE R1 B1 B2

23: MOVERROVERDEBASE R1 B2 B3

24: DESCARGARSUMINISTRO R1 B3

25: MOVERROVERDEBASE R1 B3 B4

26: MOVERROVERDEBASE R1 B4 B1

27: CARGARSUMINISTRO R2 B1

28: MOVERROVERDEBASE R2 B1 B2

29: MOVERROVERDEBASE R2 B2 B3

30: CARGARSUMINISTRO R1 B1

31: MOVERROVERDEBASE R1 B1 B2

32: MOVERROVERDEBASE R1 B2 B3

33: DESCARGARSUMINISTRO R1 B3

34: MOVERROVERDEBASE R1 B3 B4

35: MOVERROVERDEBASE R1 B4 B1

36: CARGARSUMINISTRO R1 B1

37: MOVERROVERDEBASE R1 B1 B2

38: MOVERROVERDEBASE R1 B2 B3

39: DESCARGARSUMINISTRO R1 B3

40: DESCARGARSUMINISTRO R2 B3

time spent: 0.00 seconds instantiating 28 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 12 facts and 24 actions

0.00 seconds creating final representation with 12 relevant facts, 24 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

1.19 seconds searching, evaluating 25907 states, to a max depth of 0

1.19 seconds total time

Nota extra:

./logistics -b 8 -r 5 > prueba.pddl

./ff -o dominiExtensio3.pddl -f prueba.pddl

ff: parsing domain file

domain 'MARTE' defined

... done.

ff: parsing problem file

problem 'ROVERSENMARTE' defined

... done.

no metric specified. plan length assumed.

checking for cyclic := effects --- OK.

ff: search configuration is EHC, if that fails then best-first on 1\*g(s) + 5\*h(s) where

metric is plan length

Cueing down from goal distance: 26 into depth [1]

25 [1]

24 [1]

23 [1][2]

22 [1]

21 [1]

20 [1][2][3]

19 [1][2][3][4][5][6]

18 [1][2][3][4]

17 [1]

16 [1][2][3][4][5][6]

15 [1][2][3][4]

14 [1]

13 [1][2][3][4][5]

12 [1]

11 [1][2][3][4][5][6][7][8][9][10]

10 [1][2][3][4][5][6][7][8][9][10]

9 [1][2][3][4][5][6][7][8][9][10]

8 [1][2][3][4][5][6][7][8][9][10]

7 [1][2][3][4][5][6]

6 [1][2][3][4][5]

5 [1]

4 [1][2][3][4][5][6][7][8][9][10]

3 [1][2][3][4][5][6][7][8][9][10]

2 [1][2][3][4][5][6][7][8][9][10]

1 [1][2][3][4][5]

0

ff: found legal plan as follows

step 0: MOVERROVERDEBASE R1 B0 B1

1: MOVERROVERDEBASE R2 B1 B2

2: MOVERROVERDEBASE R3 B6 B7

3: MOVERROVERDEBASE R3 B7 B0

4: MOVERROVERDEBASE R3 B0 B1

5: MOVERROVERDEBASE R2 B2 B3

6: MOVERROVERDEBASE R1 B1 B2

7: CARGARPERSONA R2 B3

8: MOVERROVERDEBASE R2 B3 B4

9: DESCARGARPERSONA R2 B4

10: MOVERROVERDEBASE R1 B2 B3

11: MOVERROVERDEBASE R0 B5 B6

12: MOVERROVERDEBASE R0 B6 B7

13: MOVERROVERDEBASE R0 B7 B0

14: MOVERROVERDEBASE R0 B0 B1

15: MOVERROVERDEBASE R0 B1 B2

16: CARGARPERSONA R1 B3

17: CARGARPERSONA R1 B3

18: MOVERROVERDEBASE R1 B3 B4

19: DESCARGARPERSONA R1 B4

20: DESCARGARPERSONA R1 B4

21: MOVERROVERDEBASE R0 B2 B3

22: MOVERROVERDEBASE R4 B5 B6

23: MOVERROVERDEBASE R4 B6 B7

24: MOVERROVERDEBASE R4 B7 B0

25: MOVERROVERDEBASE R4 B0 B1

26: MOVERROVERDEBASE R3 B1 B2

27: CARGARPERSONA R0 B3

28: CARGARPERSONA R0 B3

29: MOVERROVERDEBASE R0 B3 B4

30: DESCARGARPERSONA R0 B4

31: DESCARGARPERSONA R0 B4

32: CARGARPERSONA R3 B2

33: CARGARPERSONA R3 B2

34: MOVERROVERDEBASE R3 B2 B3

35: MOVERROVERDEBASE R3 B3 B4

36: DESCARGARPERSONA R3 B4

37: DESCARGARPERSONA R3 B4

38: MOVERROVERDEBASE R4 B1 B2

39: MOVERROVERDEBASE R2 B4 B5

40: MOVERROVERDEBASE R2 B5 B6

41: MOVERROVERDEBASE R2 B6 B7

42: MOVERROVERDEBASE R2 B7 B0

43: MOVERROVERDEBASE R2 B0 B1

44: CARGARPERSONA R4 B2

45: MOVERROVERDEBASE R4 B2 B3

46: MOVERROVERDEBASE R4 B3 B4

47: DESCARGARPERSONA R4 B4

48: MOVERROVERDEBASE R2 B1 B2

49: MOVERROVERDEBASE R1 B4 B5

50: MOVERROVERDEBASE R1 B5 B6

51: MOVERROVERDEBASE R1 B6 B7

52: MOVERROVERDEBASE R1 B7 B0

53: MOVERROVERDEBASE R1 B0 B1

54: CARGARPERSONA R2 B2

55: MOVERROVERDEBASE R2 B2 B3

56: MOVERROVERDEBASE R2 B3 B4

57: DESCARGARPERSONA R2 B4

58: MOVERROVERDEBASE R1 B1 B2

59: MOVERROVERDEBASE R2 B4 B5

60: MOVERROVERDEBASE R2 B5 B6

61: MOVERROVERDEBASE R2 B6 B7

62: MOVERROVERDEBASE R2 B7 B0

63: MOVERROVERDEBASE R2 B0 B1

64: CARGARPERSONA R1 B2

65: MOVERROVERDEBASE R1 B2 B3

66: MOVERROVERDEBASE R1 B3 B4

67: DESCARGARPERSONA R1 B4

68: MOVERROVERDEBASE R2 B1 B2

69: MOVERROVERDEBASE R1 B4 B5

70: MOVERROVERDEBASE R1 B5 B6

71: MOVERROVERDEBASE R1 B6 B7

72: MOVERROVERDEBASE R1 B7 B0

73: MOVERROVERDEBASE R1 B0 B1

74: CARGARPERSONA R2 B2

75: MOVERROVERDEBASE R2 B2 B3

76: MOVERROVERDEBASE R2 B3 B4

77: DESCARGARPERSONA R2 B4

78: MOVERROVERDEBASE R1 B1 B2

79: MOVERROVERDEBASE R2 B4 B5

80: MOVERROVERDEBASE R2 B5 B6

81: MOVERROVERDEBASE R2 B6 B7

82: MOVERROVERDEBASE R2 B7 B0

83: MOVERROVERDEBASE R2 B0 B1

84: CARGARPERSONA R1 B2

85: CARGARPERSONA R1 B2

86: MOVERROVERDEBASE R1 B2 B3

87: MOVERROVERDEBASE R1 B3 B4

88: DESCARGARPERSONA R1 B4

89: DESCARGARPERSONA R1 B4

90: CARGARSUMINISTRO R2 B1

91: MOVERROVERDEBASE R0 B4 B5

92: MOVERROVERDEBASE R0 B5 B6

93: MOVERROVERDEBASE R2 B1 B2

94: MOVERROVERDEBASE R0 B6 B7

95: MOVERROVERDEBASE R2 B2 B3

96: MOVERROVERDEBASE R0 B7 B0

97: MOVERROVERDEBASE R2 B3 B4

98: MOVERROVERDEBASE R0 B0 B1

99: DESCARGARSUMINISTRO R2 B4

100: CARGARSUMINISTRO R0 B1

101: MOVERROVERDEBASE R4 B4 B5

102: MOVERROVERDEBASE R4 B5 B6

103: MOVERROVERDEBASE R0 B1 B2

104: MOVERROVERDEBASE R4 B6 B7

105: MOVERROVERDEBASE R0 B2 B3

106: MOVERROVERDEBASE R4 B7 B0

107: MOVERROVERDEBASE R0 B3 B4

108: MOVERROVERDEBASE R4 B0 B1

109: DESCARGARSUMINISTRO R0 B4

110: CARGARSUMINISTRO R4 B1

111: MOVERROVERDEBASE R4 B1 B2

112: MOVERROVERDEBASE R0 B4 B5

113: MOVERROVERDEBASE R0 B5 B6

114: MOVERROVERDEBASE R0 B6 B7

115: MOVERROVERDEBASE R0 B7 B0

116: MOVERROVERDEBASE R4 B2 B3

117: MOVERROVERDEBASE R0 B0 B1

118: MOVERROVERDEBASE R4 B3 B4

119: DESCARGARSUMINISTRO R4 B4

120: CARGARSUMINISTRO R0 B1

121: MOVERROVERDEBASE R0 B1 B2

122: MOVERROVERDEBASE R0 B2 B3

123: MOVERROVERDEBASE R0 B3 B4

124: DESCARGARSUMINISTRO R0 B4

time spent: 0.00 seconds instantiating 140 easy, 0 hard action templates

0.00 seconds reachability analysis, yielding 50 facts and 120 actions

0.00 seconds creating final representation with 50 relevant facts, 45 relevant fluents

0.00 seconds computing LNF

0.00 seconds building connectivity graph

0.31 seconds searching, evaluating 17671 states, to a max depth of 10

0.31 seconds total time