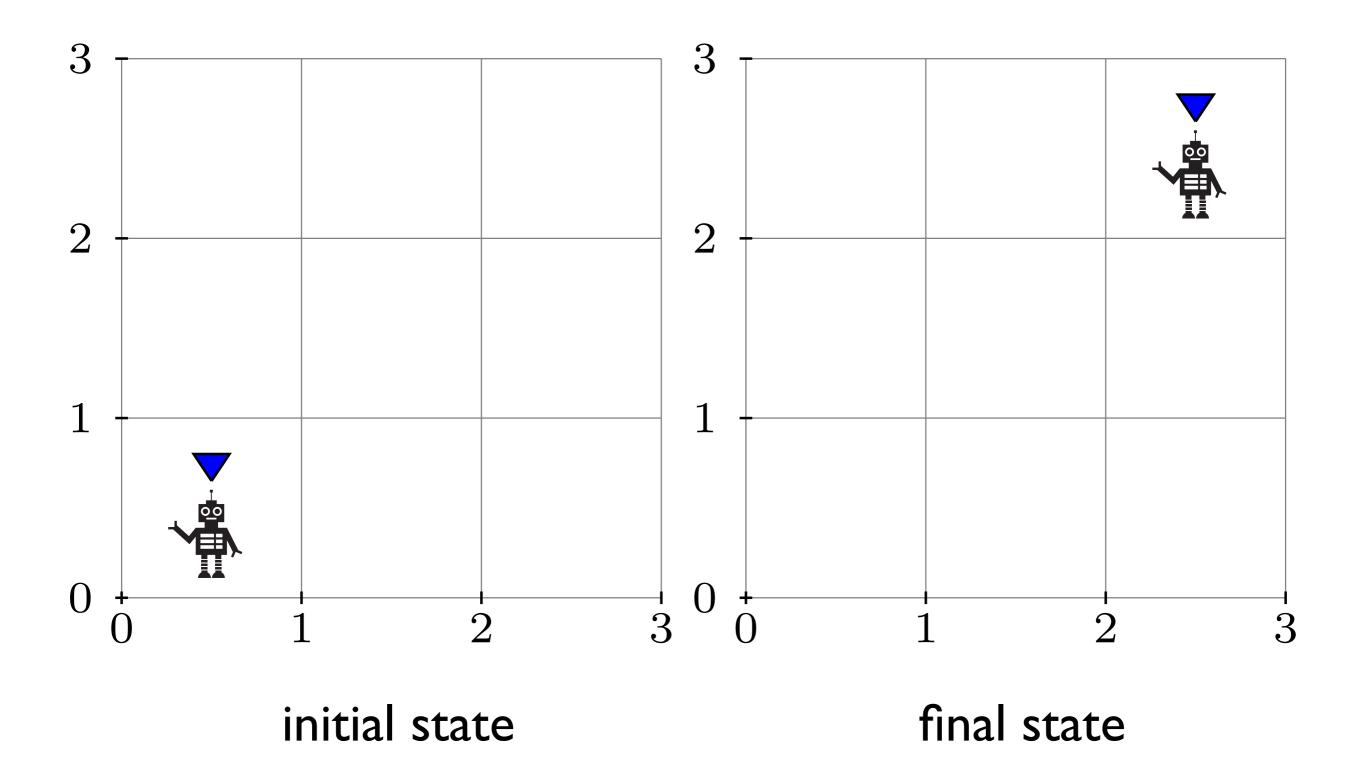
Learning efficient logic programs

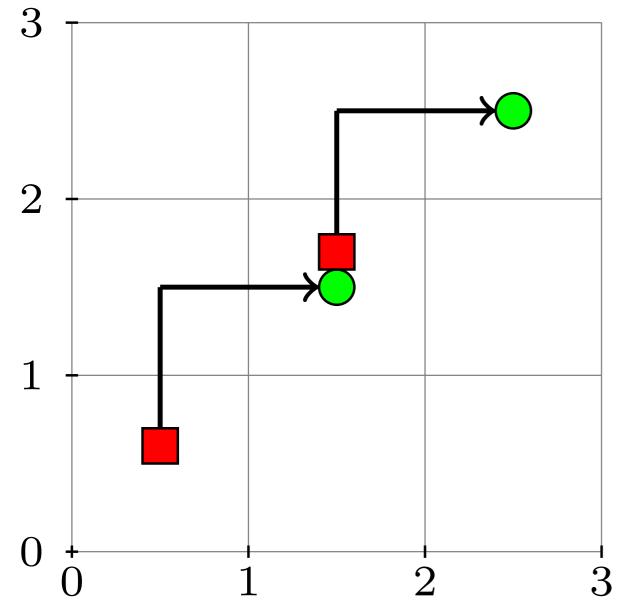
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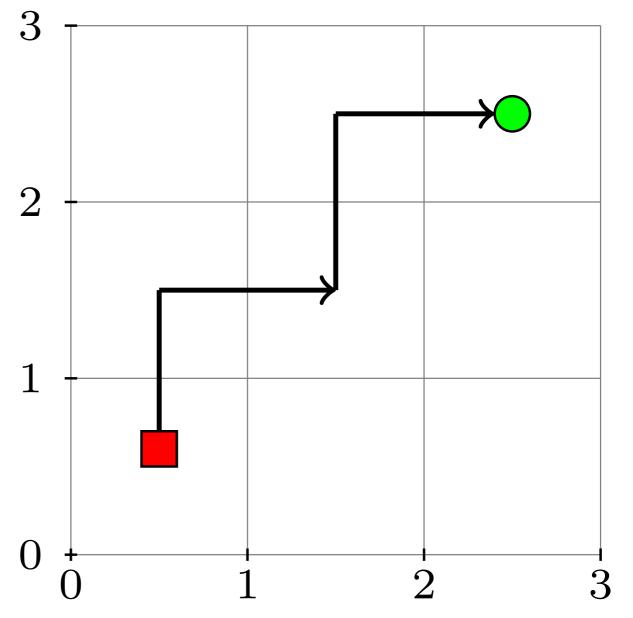
grab Odrop

inefficient solution



move(X,Y):- p3(X,Z),p3(Z,Y). p3(X,Y):- p2(X,Z), drop(Z,Y). p2(X,Y):- grab(X,Z), p1(Z,Y). p1(X,Y):- north(X,Z), east(Z,Y).

efficient solution



move(X,Y):- p3(X,Z), drop(Z,Y). p3(X,Y):- grab(X,Z), p2(Z,Y). p2(X,Y):- p1(X,Z), p1(Z,Y). p1(X,Y):- north(X,Z), east(Z,Y).