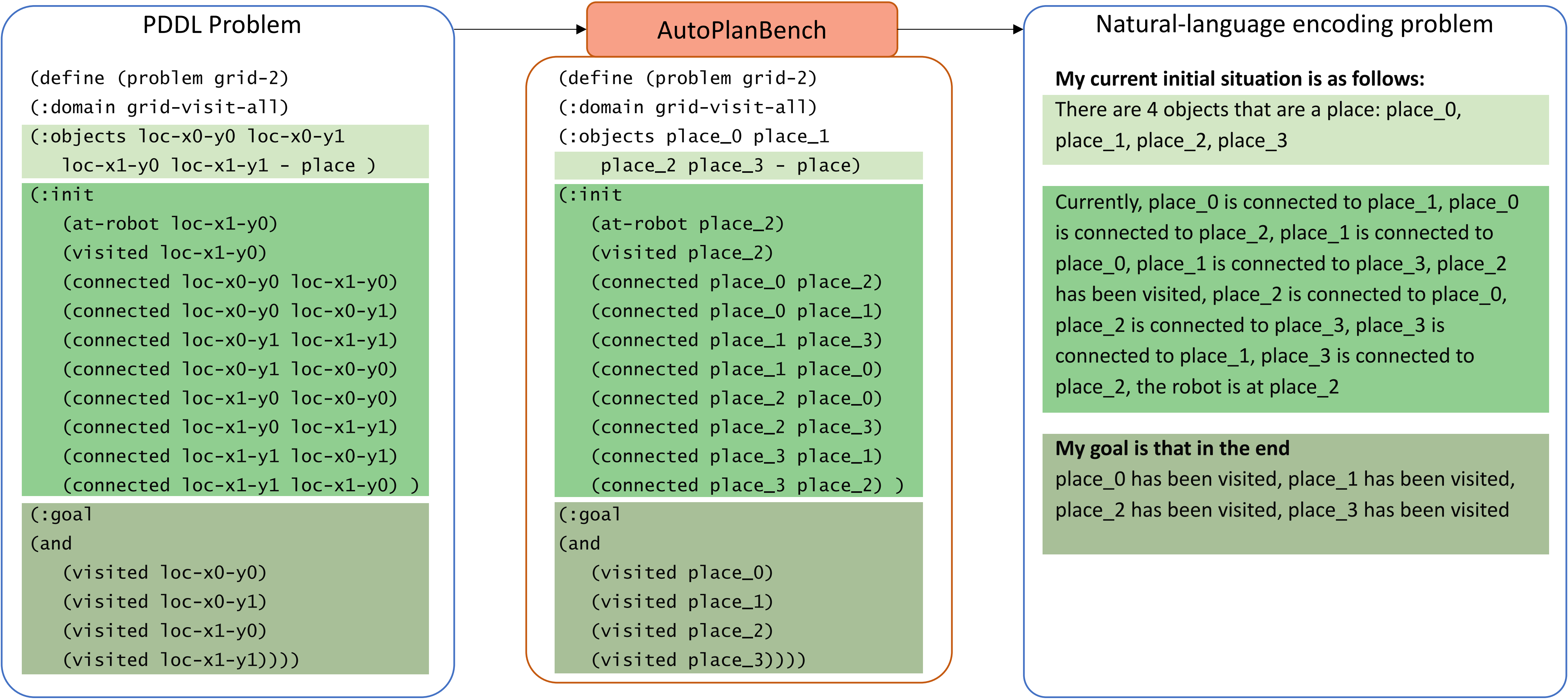

PDDL Problem

```
(define (problem grid-2)
(:domain grid-visit-all)
(:objects loc-x0-y0 loc-x0-y1
   loc-x1-y0 loc-x1-y1 - place )
(:init
   (at-robot loc-x1-y0)
   (visited loc-x1-y0)
   (connected loc-x0-y0 loc-x1-y0)
   (connected loc-x0-y0 loc-x0-y1)
   (connected loc-x0-y1 loc-x1-y1)
   (connected loc-x0-y1 loc-x0-y0)
   (connected loc-x1-y0 loc-x0-y0)
   (connected loc-x1-y0 loc-x1-y1)
   (connected loc-x1-y1 loc-x0-y1)
   (connected loc-x1-y1 loc-x1-y0) )
(:goal
(and
   (visited loc-x0-y0)
   (visited loc-x0-y1)
   (visited loc-x1-y0)
   (visited loc-x1-y1))))
```

AutoPlanBench

```
(define (problem grid-2)
(:domain grid-visit-all)
(:objects place_0 place_1
    place_2 place_3 - place)
(:init
   (at-robot place_2)
   (visited place_2)
   (connected place_0 place_2)
   (connected place_0 place_1)
   (connected place_1 place_3)
   (connected place_1 place_0)
   (connected place_2 place_0)
   (connected place_2 place_3)
   (connected place_3 place_1)
   (connected place_3 place_2) )
(:goal
(and
   (visited place_0)
   (visited place_1)
   (visited place_2)
   (visited place_3))))
```

Natural-language encoding problem

My current initial situation is as follows:

There are 4 objects that are a place: place_0, place_1, place_2, place_3

Currently, place_0 is connected to place_1, place_0 is connected to place_2, place_1 is connected to place_0, place_1 is connected to place_3, place_2 has been visited, place_2 is connected to place_0, place_2 is connected to place_3, place_3 is connected to place_1, place_3 is connected to place_2, the robot is at place_2

My goal is that in the end

place_0 has been visited, place_1 has been visited, place_2 has been visited, place_3 has been visited