

PROJECT

Implement a Planning Search

A part of the Artificial Intelligence Nanodegree Program

PROJECT REVIEW

CODE REVIEW

NOTES

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Meets Specifications

Great project!

I can easily tell this is the project with most effort I've seen.


You really deserve this image!



Planning Problem Representation

The problems and class methods in the `my_air_cargo_problems.py` module are correctly represented.

An optimal sequence of actions is identified for each problem in the written report.

 Good job on the optimal sequences.

Automated Heuristics

Automated heuristics "ignore-preconditions" and "level-sum" (planning graph) are correctly implemented.

Not all tests pass, but it's a tiny detail about `my_logging` so I'm passing this 😊

Performance Comparison

At least three uninformed planning algorithms (including breadth- and depth-first search) are compared on all three problems, and at least two automatic heuristics are used with A* search for planning on all three problems including “ignore-preconditions” and “level-sum” from the Planning Graph.

A brief report lists (using a table and any appropriate visualizations) and verbally describes the performance of the algorithms on the problems compared, including the optimality of the solutions, time elapsed, and the number of node expansions required.

Best table and visualizations I've seen 🙌

The report explains the reason for the observed results using at least one appropriate justification from the video lessons or from outside resources (e.g., Norvig and Russell's textbook).

First project I've seen with 4 references 🙌

Research Review

The report includes a summary of at least three key developments in the field of AI planning and search.

Awesome subjects about AI!

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