**Research Review about Formal Languages**

Date: Oct. 8, 2017

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Project Name: Implement a Planning Search

This paper is about formal languages in the context of planning problems. Three of them is introduced as below and then the relationships is described.

1. **STRIPS**

STRIPS stands for Stanford Research Institute Problem Solver. This language was developed by Richard Fikes and Nils Nilsson in 1971. This is one of the languages for expressing automated planning problem instances.

This language expresses actions in planning problems and each action includes four factors, propositional variables, operators, initial state and goal state.

1. **PDDL**