Programing Assignment #9

CSCE 625 - Artificial Intelligence

Spring 2015

Name: Xiaoshu Zhang

Email: kallen5208@gmail.com

1. The source code I turned in includes "OpersGenerator.java", "GoalRgr.java", "init.kb", "blocksworld.opers", "transcript_former.txt".

2. "blocksworld.opers" is the generated file of operators, "OpersGenerator.java" is the script used to generate it. Compile with command "javac OpersGenerator.java", then run with command "java OpersGenerator", you will get "blocksworld.opers".

3. Compile with command "javac GoalRgr.java", then run with command "java GoalRgr blocksworld.opers init.kb", then you can type in a goal state, shown in Fig 1. The transcript will be saved in "transcript.txt".

Fig 1

4. "transcript_former.txt" is the transcript for the following problems:

on(a,c)

on(b,a)

on(a,c) holding(b)

on(a,d)

on(a,d) on(d,b)