```
a-starh1.txt
 Sep 14, 15 17:40
                                                                        Page 1/2
./vw-validator -time 10 -- ./run.sh a-star h1 < worlds/tiny-1.vw
Picked up JAVA_TOOL_OPTIONS: -Xmx256m
Program exited with status 0
Solver used 0.000 Seconds
Solver used approximately 988 KB of memory
Plan Cost:
Plan Length:
Nodes Generated: 29
Nodes Expanded: 10
_12*
./vw-validator -time 10 -- ./run.sh a-star h1 < worlds/tiny-2.vw
Picked up JAVA_TOOL_OPTIONS: -Xmx256m
Program exited with status 0
Solver used 0.000 Seconds
Solver used approximately 988 KB of memory
Plan Cost:
                 9
Plan Length:
Nodes Generated: 125
Nodes Expanded: 46
_7<del>6</del>*
./vw-validator -time 10 -- ./run.sh a-star h1 < worlds/small-1.vw
Picked up JAVA_TOOL_OPTIONS: -Xmx256m
Program exited with status 0
Solver used 0.000 Seconds
Solver used approximately 988 KB of memory
Plan Cost:
                 24
Plan Length:
Nodes Generated: 2171
Nodes Expanded: 706
_#__544*
  65#_2*_
   _*#_#_1#
  __7____0_
  _88____
 #_9__#
   _9_
  __99_##_
 _#_#9__
 __#_*_##_
./vw-validator -time 10 -- ./run.sh a-star h1 < worlds/hard-1.vw
Picked up JAVA_TOOL_OPTIONS: -Xmx256m
Program exited with status 0
Solver used 0.000 Seconds
Solver used approximately 340 KB of memory
Plan Cost:
                 59
Plan Length:
Nodes Generated: 7067
Nodes Expanded: 2446
_*9_
               _#_#_#_
_#9999#___
               __###_#_
_#___99#
                       #_
#__##99#
                         #_#_####
     ##9#_#_#_
```

## ##88877# # ## ## ## ## ## ## ########		Printed by Stephen IVI Chamb		
######################################	e 2/2	t Page 2/		•
Picked up JAVA_TOOL_OPTIONS: -Xmx256m Program exited with status 0 Solver used approximately 340 KB of memory Plan Cost: 141 Plan Length: 141 Nodes Generated: 655835 Nodes Expanded: 231601 ##################################			## # # # # # # # # # # # # # # # 3 * # 444333 * # # # 60011 # # # 0# # # # # # 0# # # # # ## # # # # ## # # # # ## # # #	######################################
######################################		rlds/hard-2.vw	DNS: -Xmx256m us 0	Picked up JAVA_TOOL_OPTIC Program exited with state Solver used 2.00 Seconds Solver used approximately Plan Cost: 141 Plan Length: 141 Nodes Generated: 655835
-# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #		# # 66#*6##7 ## # # # # # # # # # # # # # # # #	######################################	##_###_# # ## #### ##_### # ## ##### ##_## # ## ### ## ##_## ### ### ### #### ### ### ### #### ###