

TESTING NORTHCONTROLLER

The following table contains the results of a number of test cases that were executed during your robot's previous run. There are 64 possible scenarios that your robot could have been tested against. It is likely that fewer tests were actually run and to maximize the testing, the test harness should be run a number of times on fairly large mazes.

If the tests were successful then the status reports OK. If a test fails then you will need to investigate why this is the case.

ITN: Is Target North (Y/N or -)
 ITE: Is Target East (Y/N or -)
 WAHEAD, WBEHIND, WLEFT, WRIGHT : wall positions
 STATUS: actual result compared with expected result

ITN	ITE	WAHEAD	WBEHIND	WLEFT	WRIGHT	STATUS
-	N	-	-	-	-	ok
-	N	-	-	-	R	ok
-	N	-	-	L	-	ok
-	N	-	-	L	R	ok
-	N	A	-	-	-	ok
-	N	A	-	-	R	ok
-	N	A	-	L	-	ok
-	N	A	-	L	R	ok
-	Y	-	-	-	-	ok
-	Y	-	-	-	R	ok
-	Y	-	-	L	-	ok
-	Y	-	-	L	R	ok
-	Y	A	-	-	-	ok
-	Y	A	-	-	R	ok
-	Y	A	-	L	-	ok
-	Y	A	-	L	R	ok
N	-	-	-	-	-	ok
N	-	-	-	-	R	ok
N	-	-	-	L	-	ok
N	-	-	-	L	R	ok
N	-	A	-	-	-	ok
N	-	A	-	-	R	ok
N	-	A	-	L	-	ok
N	-	A	-	L	R	ok
N	N	-	-	-	-	ok
N	N	-	-	-	R	ok
N	N	-	-	L	-	ok
N	N	-	-	L	R	ok
N	N	A	-	-	-	ok
N	N	A	-	-	R	ok
N	N	A	-	L	-	ok
N	N	A	-	L	R	ok
N	Y	-	-	-	-	ok

N	Y	-	-	-	R	ok
N	Y	-	-	L	-	ok
N	Y	-	-	L	R	ok
N	Y	A	-	-	-	ok
N	Y	A	-	-	R	ok
N	Y	A	-	L	-	ok
N	Y	A	-	L	R	ok
Y	-	-	-	-	-	ok
Y	-	-	-	-	R	ok
Y	-	-	-	L	-	ok
Y	-	-	-	L	R	ok
Y	-	A	-	-	-	ok
Y	-	A	-	-	R	ok
Y	-	A	-	L	-	ok
Y	-	A	-	L	R	ok
Y	N	-	-	-	-	ok
Y	N	-	-	-	R	ok
Y	N	-	-	L	-	ok
Y	N	-	-	L	R	ok
Y	N	A	-	-	-	ok
Y	N	A	-	-	R	ok
Y	N	A	-	L	-	ok
Y	N	A	-	L	R	ok
Y	Y	-	-	-	-	ok
Y	Y	-	-	-	R	ok
Y	Y	-	-	L	-	ok
Y	Y	-	-	L	R	ok
Y	Y	A	-	-	-	ok
Y	Y	A	-	-	R	ok
Y	Y	A	-	L	-	ok
Y	Y	A	-	L	R	ok

Total number of test cases tested in this run : 64
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