

Coverage Report for NumberPlateV2

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Analysis Information

Coverage Data Information

Collected in version (R2022a)

Model Information

Model version 1.3
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Last saved Sat Mar 26 17:01:01 2022

Simulation Optimization Options

Default parameter behavior tunable
Block reduction forced off
Conditional branch optimization on

Coverage Options

Analyzed model NumberPlateV2
Logic block short circuiting off

Tests

Test	Started execution	Ended execution
Run 1	26-Mar-2022 17:42:04	26-Mar-2022 17:42:04

Summary

Model Hierarchy/Complexity	Run 1
	Decision Execution
1. NumberPlateV2	7 58% <div><div></div></div> 100% <div><div></div></div>

2. Subsystem	6	58%	<div><div></div><div></div></div>	100%	<div><div></div></div>
3. Compare To Constant	NA			100%	<div><div></div></div>
4. Compare To Constant1	NA			100%	<div><div></div></div>
5. Compare To Constant2	NA			100%	<div><div></div></div>
6. Compare To Constant3	NA			100%	<div><div></div></div>
7. Compare To Constant4	NA			100%	<div><div></div></div>
8. Compare To Constant5	NA			100%	<div><div></div></div>

Details

1. Model "NumberPlateV2"

Child Systems: [Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	7
Decision	NA	58% (7/12) decision outcomes
Execution	NA	100% (18/18) objective outcomes

2. SubSystem block "[Subsystem](#)"

[Justify or Exclude](#)

Parent: [/NumberPlateV2](#)

Child Systems: [Compare To Constant](#), [Compare To Constant1](#), [Compare To Constant2](#), [Compare To Constant3](#), [Compare To Constant4](#), [Compare To Constant5](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	6
Decision	NA	58% (7/12) decision outcomes
Execution	NA	100% (18/18) objective outcomes

Switch block "[Switch](#)"

[Justify or Exclude](#)


Parent: [NumberPlateV2/Subsystem](#)

Uncovered Links: 

Metric	Coverage
Cyclomatic Complexity	1
Decision	50% (1/2) decision outcomes
Execution	100% (1/1) objective outcomes

Decisions analyzed

logical trigger input	50%
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false (output is from 3rd input port)	46/46
true (output is from 1st input port)	0/46 

Switch block "[Switch1](#)"


[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Uncovered Links: 

Metric	Coverage
Cyclomatic Complexity	1
Decision	50% (1/2) decision outcomes
Execution	100% (1/1) objective outcomes

Decisions analyzed

logical trigger input	50%
false (output is from 3rd input port)	46/46
true (output is from 1st input port)	0/46 

Switch block "[Switch2](#)"


[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Uncovered Links: 

Metric	Coverage
Cyclomatic Complexity	1
Decision	50% (1/2) decision outcomes
Execution	100% (1/1) objective outcomes

Decisions analyzed

logical trigger input	50%
false (output is from 3rd input port)	46/46
true (output is from 1st input port)	0/46 

Switch block "[Switch3](#)"


[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Uncovered Links: 

Metric	Coverage
Cyclomatic Complexity	1
Decision	50% (1/2) decision outcomes
Execution	100% (1/1) objective outcomes

Decisions analyzed

logical trigger input	50%
false (output is from 3rd input port)	46/46
true (output is from 1st input port)	0/46 

Switch block "[Switch5](#)"


[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Uncovered Links: 

Metric	Coverage
Cyclomatic Complexity	1
Decision	50% (1/2) decision outcomes
Execution	100% (1/1) objective outcomes

Decisions analyzed

logical trigger input	50%
false (output is from 3rd input port)	46/46
true (output is from 1st input port)	0/46 

Full Coverage

Model Object	Metric
Switch block " Switch4 "	Decision, Execution
Constant block " Constant1 "	Execution
Constant block " Constant2 "	Execution
Constant block " Constant3 "	Execution
Constant block " Constant4 "	Execution
Constant block " Constant5 "	Execution
Constant block " Constant6 "	Execution

3. SubSystem block "[Compare To Constant](#)"

[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

Full Coverage

Model Object	Metric
RelationalOperator block " Compare "	Execution

4. SubSystem block "[Compare To Constant1](#)"

[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

Full Coverage

Model Object	Metric
RelationalOperator block " Compare "	Execution

5. SubSystem block "[Compare To Constant2](#)"

[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

Full Coverage

Model Object	Metric
RelationalOperator block " Compare "	Execution

6. SubSystem block "[Compare To Constant3](#)"

[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

Full Coverage

Model Object	Metric
RelationalOperator block " Compare "	Execution

7. SubSystem block "[Compare To Constant4](#)"

[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

Full Coverage

Model Object	Metric
RelationalOperator block " Compare "	Execution

8. SubSystem block "[Compare To Constant5](#)"

[Justify or Exclude](#)

Parent: [NumberPlateV2/Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

Full Coverage

Model Object

RelationalOperator block "[Compare](#)"

Metric

Execution