

Coverage Report for Project_Audio

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Analysis Information

Coverage Data Information

Collected in version (R2022a)

Model Information

Model version 1.6
Author gouth
Last saved Sat Mar 26 16:55:20 2022

Simulation Optimization Options

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

Coverage Options

Analyzed model Project_Audio
Logic block short circuiting off

Aggregated Tests

Run	Test Name	Date
Model: "Project_Audio"		
T1	Run 1	27-Mar-2022 07:41:59
T2	Run 2	27-Mar-2022 07:52:50
T3	Run 3	27-Mar-2022 07:56:20

Summary

Model Hierarchy/Complexity

	Decision	Execution
1. Project_Audio	NA	100% <div></div>
2. . . . Enhanced_Hindi_song	NA	100% <div></div>
3. Filter	NA	100% <div></div>
4. . . . Enhanced_Telugu_song	NA	100% <div></div>
5. Filter	NA	100% <div></div>

Details

1. Model "Project_Audio"

Child Systems: [Enhanced_Hindi_song](#), [Enhanced_Telugu_song](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Decision	NA	NA
Execution	NA	100% (11/11) objective outcomes

Full Coverage

Model Object	Metric
S-Function block " Audio file Recorder "	Execution
S-Function block " Audio Output "	Execution
S-Function block " Hindi_Song "	Execution
S-Function block " Telugu_Song "	Execution
ManualSwitch block " Manual Switch "	Execution

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

[Justify or Exclude](#)

Parent: [/Project_Audio](#)
Child Systems: [Filter](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Execution	NA	100% (3/3) objective outcomes

Full Coverage

Model Object	Metric
MATLABSystem block " Reverberator2 "	Execution

3. SubSystem block "[Filter](#) "

[Justify or Exclude](#)

Parent: [Project_Audio/Enhanced_Hindi_song](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Execution	NA	100% (2/2) objective outcomes

Full Coverage

Model Object	Metric
S-Function block " Biquad Filter "	Execution
S-Function block " Biquad Filter1 "	Execution

4. SubSystem block "[Enhanced_Telugu_song](#)"

[Justify or Exclude](#)

Parent: [/Project_Audio](#)

Child Systems: [Filter](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Execution	NA	100% (3/3) objective outcomes

Full Coverage

Model Object	Metric
MATLABSystem block " Reverberator2 "	Execution

5. SubSystem block "[Filter](#) "

[Justify or Exclude](#)

Parent: [Project_Audio/Enhanced_Telugu_song](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Execution	NA	100% (2/2) objective outcomes

Full Coverage

Model Object	Metric
S-Function block " Biquad Filter "	Execution

S-Function block "[Biquad Filter1](#)"

Execution