File Comparison Report

D:\Git\Elevator-Simple\a2\_p3.slx vs. D:\...r-Simple\Copy\_of\_a2\_p3.slx

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09-Oct-2019

Files

|  |  |  |
| --- | --- | --- |
|  | Left File | Right File |
| File name | a2\_p3 | Copy\_of\_a2\_p3 |
| File path | D:\Git\Elevator-Simple | D:\Git\Elevator-Simple |
| Last modified | 09-Oct-2019 13:25:47 | 09-Oct-2019 18:39:35 |
| MD5 checksum | 2a1ff3f6a2b787af6856ba838bfbfbc7 | 289ab3e09733beeb380841d0e5e90fb7 |
| Model Version | 1.21 | 1.49 |
| Saved in Simulink version | R2019a | R2019a |
| Model Description |  |  |

Environment

|  |  |
| --- | --- |
| MATLAB | 9.6 (R2019a) |
| Simulink | 9.3 (R2019a) |

Filters

Filter Mode: hide

Built-In Filters

Lines  
Nonfunctional Changes  
Block Defaults

Custom Filters

Data

Comparison Results

Simulink

|  |  |
| --- | --- |
| a2\_p3 | Copy\_of\_a2\_p3 |

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| Simulink | Simulink |
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|  |  |
| --- | --- |
|  | door |
|  | BlockType : Constant OutDataTypeStr : double Name : door |

|  |  |
| --- | --- |
|  | stop |
|  | BlockType : Constant OutDataTypeStr : double Value : 0 Name : stop |

|  |  |
| --- | --- |
|  | only draws, no decisions for the logic |
|  | Name : only draws, no decisions for the logic |

|  |  |
| --- | --- |
| ElevatorLogic | ElevatorLogic |
| Ports : [1] | Ports : [3, 2] |

|  |  |
| --- | --- |
|  | UI Render |
|  | decomposition : CLUSTER\_CHART ContentPreviewEnabled : on ExecutionDomainType : Deduce Name : UI Render ErrorFcn : Stateflow.Translate.translate BlockKeywords : \_\_PRM\_\_SERIALIZED\_\_DATA\_\_:Stateflow Chart,Stateflow Diagram PermitHierarchicalResolution : ExplicitOnly allowGlobalAccessToExportedFunctions : 0 TreatAsAtomicUnit : on Ports : [2] userSpecifiedStateTransitionExecutionOrder : 1 saturateOnIntegerOverflow : 1 SimulinkSubDomain : Simulink BlockType : SubSystem SetExecutionDomain : off SFBlockType : Chart disableImplicitCasting : 1 RequestExecContextInheritance : off |

|  |  |
| --- | --- |
| a2\_p3/ElevatorLogic | Copy\_of\_a2\_p3/ElevatorLogic |

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| --- | --- |
|  | door |
|  | BlockType : Outport Port : 2 Name : door |

|  |  |
| --- | --- |
|  | door\_in |
|  | BlockType : Inport Port : 2 Name : door\_in |

|  |  |
| --- | --- |
|  | position |
|  | BlockType : Outport Name : position |

|  |  |
| --- | --- |
|  | stop |
|  | BlockType : Inport Port : 3 Name : stop |

|  |  |
| --- | --- |
| Sketch | Sketch |
| labelString : Sketch | labelString : Sketch  en: door = 1; |

|  |  |
| --- | --- |
|  | Copy\_of\_a2\_p3/UI Render |

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|  |  |
| --- | --- |
|  | door |
|  | BlockType : Inport Port : 2 Name : door |

|  |  |
| --- | --- |
|  | position |
|  | BlockType : Inport Name : position |

|  |  |
| --- | --- |
|  | Draw |
|  | labelString : Draw en : close(); decomposition : CLUSTER\_STATE type : OR\_STATE |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/close |
|  | labelString : close decomposition : CLUSTER\_STATE type : FUNC\_STATE |

|  |  |
| --- | --- |
|  | Draw/close/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/close/ -> junction |
|  | executionOrder : 1 labelString : {ml.try\_p3('close');} |

|  |  |
| --- | --- |
|  | Draw/close/ -> junction/dst |
|  | SSID : 41 |

|  |  |
| --- | --- |
|  | Draw/close/ -> junction/src |
|  |  |

|  |  |
| --- | --- |
|  | Draw/move(pos) |
|  | labelString : move(pos) decomposition : CLUSTER\_STATE type : FUNC\_STATE contentPreviewEnabled : 1 |

|  |  |
| --- | --- |
|  | Draw/move(pos)/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/move(pos)/ -> junction |
|  | executionOrder : 1 labelString : {ml.try\_p3('move',pos);} |

|  |  |
| --- | --- |
|  | Draw/move(pos)/ -> junction/dst |
|  | SSID : 16 |

|  |  |
| --- | --- |
|  | Draw/move(pos)/ -> junction/src |
|  |  |

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| --- | --- |
|  | Draw/off(pos) |
|  | labelString : off(pos) decomposition : CLUSTER\_STATE type : FUNC\_STATE |

|  |  |
| --- | --- |
|  | Draw/off(pos)/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/off(pos)/ -> junction |
|  | executionOrder : 1 labelString : {ml.try\_p3('off',pos);} |

|  |  |
| --- | --- |
|  | Draw/off(pos)/ -> junction/dst |
|  | SSID : 45 |

|  |  |
| --- | --- |
|  | Draw/off(pos)/ -> junction/src |
|  |  |

|  |  |
| --- | --- |
|  | Draw/open |
|  | labelString : open decomposition : CLUSTER\_STATE type : FUNC\_STATE |

|  |  |
| --- | --- |
|  | Draw/open/junction |
|  | type : CONNECTIVE\_JUNCTION |

|  |  |
| --- | --- |
|  | Draw/open/ -> junction |
|  | executionOrder : 1 labelString : {ml.try\_p3('open');} |

|  |  |
| --- | --- |
|  | Draw/open/ -> junction/dst |
|  | SSID : 24 |

|  |  |
| --- | --- |
|  | Draw/open/ -> junction/src |
|  |  |

|  |  |
| --- | --- |
|  | Draw/ -> junction |
|  | executionOrder : 1 labelString : |

|  |  |
| --- | --- |
|  | Draw/ -> junction/dst |
|  | SSID : 5 |

|  |  |
| --- | --- |
|  | Draw/ -> junction/src |
|  |  |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : [hasChanged(position)]{move(position);} |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 7 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 5 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 2 labelString : |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 18 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 5 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 18 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 7 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 21 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 18 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : [hasChangedTo(door,0)]{open();} |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 30 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 21 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 2 labelString : [hasChangedTo(door,1)]{close();} |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 34 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 21 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 32 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 30 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 3 labelString : |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 32 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 21 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 32 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 34 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction |
|  | executionOrder : 1 labelString : {off(position);} |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/dst |
|  | SSID : 38 |

|  |  |
| --- | --- |
|  | Draw/junction -> junction/src |
|  | SSID : 32 |

|  |  |
| --- | --- |
|  | state |
|  | isNoteBox : 1 Text : Always create unconditional paths from junction to next  major junction. decomposition : CLUSTER\_STATE type : GROUP\_STATE |

|  |  |
| --- | --- |
|  | -> Draw |
|  | executionOrder : 1 labelString : |

|  |  |
| --- | --- |
|  | -> Draw/dst |
|  | SSID : 3 |

|  |  |
| --- | --- |
|  | -> Draw/src |
|  |  |

Model Configuration Sets

|  |  |
| --- | --- |
| Model Configuration Sets | Model Configuration Sets |
| /Model Configuration Sets | /Model Configuration Sets |
|  |  |

|  |  |
| --- | --- |
| Configuration | Configuration |
| /Model Configuration Sets/Configuration | /Model Configuration Sets/Configuration |
|  |  |

|  |  |
| --- | --- |
| Solver | Solver |
| a2\_p3 | Copy\_of\_a2\_p3 |
| Solver : VariableStepDiscrete Treat each discrete rate as a separate task : off Fixed-step size (fundamental sample time) : auto | Solver : FixedStepDiscrete Treat each discrete rate as a separate task : on Fixed-step size (fundamental sample time) : 0.01 |

Custom Filter Details

Data

|  |  |  |
| --- | --- | --- |
| Select | Parameter Name | Parameter Value |
| data | *Any* | *Any* |