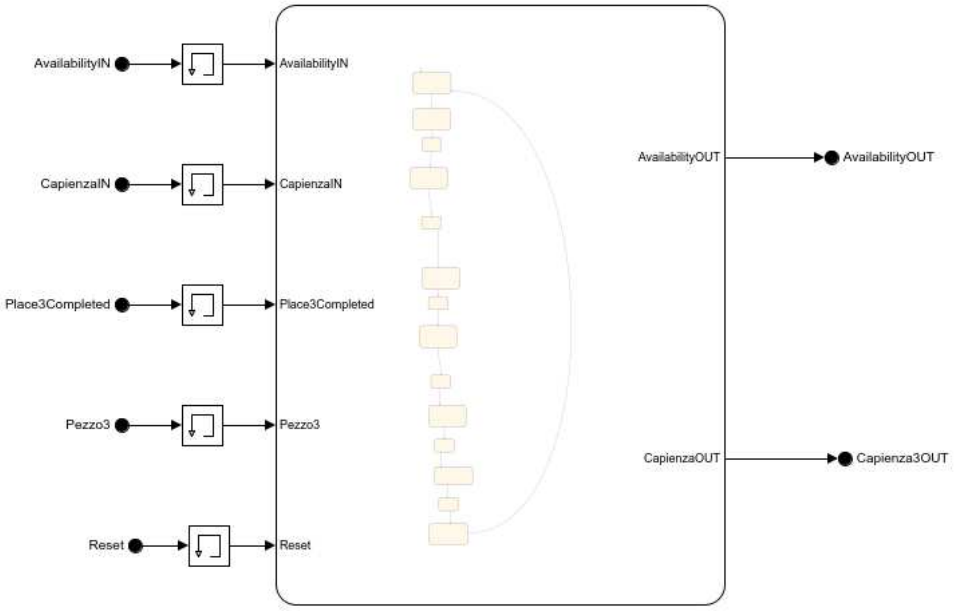
Scatola3



scarcia

27-Mar-2020 09:54:12

Indice

Lista delle tabelle

Model - Scatola3

Indice

Full Model Hierarchy

1. Scatola3

Simulation Parameter	Value
Solver	VariableStepAuto
RelTol	1e-3
Refine	1
MaxOrder	5
ZeroCross	on

[more info]

Machine - Scatola3

Machine	Scatola3
Charts	Chart10

[more info]

System - Scatola3

Indice

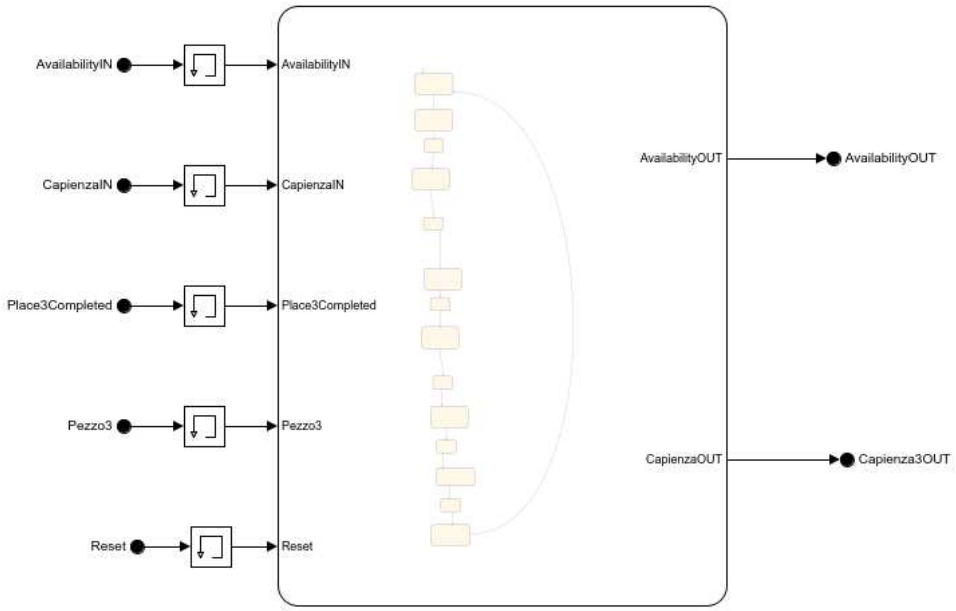


Tabella 1. Chart Block Properties

Name	Chart
Chart10	Chart10

Tabella 2. Inport Block Properties

Name	Port	Defined In Blk
Bus Element In1	1	Scatola3 (model)
Bus Element In2	2	Scatola3 (model)
Bus Element In3	5	Scatola3 (model)
Bus Element In4	3	Scatola3 (model)
Bus Element In5	4	Scatola3 (model)

Tabella 3. Memory Block Properties

Name	Inherit Sample Time	Linearize Memory	Linearize As Delay	State Storage Class
Memory	off	off	off	Auto
Memory1	off	off	off	Auto
Memory2	off	off	off	Auto
Memory3	off	off	off	Auto
Memory4	off	off	off	Auto

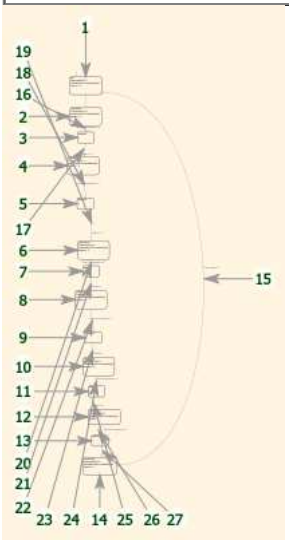
Tabella 4. Outport Block Properties

Name	Port	Port Name	Is Bus Element Port	Storage Class	Icon Display	Lock Scale	Unit	Var Size Sig	Signal Type	Ensure Outport Is Virtual	Source Of Initial Output Value	Output When Disabled	Must Resolve To Signal Object	Output When Un Connected	Output When Unconnected Value	Vector Params As 1DFor Out When Unconnected	U
Bus Element Out1	1	Capienza3OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	S C
Bus Element Out2	2	AvailabilityOUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	S C

Chart - Chart10

Chart	Scatola3/Chart10
States	Idle Capienza6 Waiting5 Capienza5 Waiting4 Capienza4 Waiting3

	Capienza3 Waiting2 Capienza2 Waiting Capienza1 Waiting1 Capienza0
Transitions	DefaultTransition6 [CapienzaIN==1] Transition30 [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1]
Data	AvailabilityIN CapienzaIN Place3Completed Pezzo3 Reset AvailabilityOUT CapienzaOUT



(1) Idle
(2) Capienza6
(3) Waiting5
(4) Capienza5
(5) Waiting4
(6) Capienza4
(7) Waiting3
(8) Capienza3
(9) Waiting2
(10) Capienza2
(11) Waiting
(12) Capienza1
(13) Waiting1
(14) Capienza0
(15) [CapienzaIN==1]
(16) [Place3Completed==1]
(17) [Reset==1]
(18) [Place3Completed==1]
(19) [Reset==1]
(20) [Place3Completed==1]
(21) [Reset==1]
(22) [Place3Completed==1]
(23) [Reset==1]

(24) [Place3Completed==1]
(25) [Reset==1]
(26) [Place3Completed==1]
(27) [Reset==1]

Stateflow Hierarchy

1. Scatola3

    Chart10

    1.1.1. Data: AvailabilityIN, CapienzaIN, Place3Completed, Pezzo3, Reset, AvailabilityOUT, CapienzaOUT
    1.1.2. Transition: [Reset==1], [Place3Completed==1], [Reset==1], [Reset==1], Transition30, [Place3Completed==1], [Reset==1], [Place3Completed==1], [Place3Completed==1], [Reset==1], [Reset==1], DefaultTransition6, [CapienzaIN==1], [Place3Completed==1], [Place3Completed==1]
    1.1.3. Capienza0
    1.1.4. Waiting1
    1.1.5. Capienza2
    1.1.6. Capienza3
1.1. 1.1.7. Capienza4
    1.1.8. Waiting4
    1.1.9. Waiting2
    1.1.10. Waiting
    1.1.11. Capienza5
    1.1.12. Idle
    1.1.13. Capienza1
    1.1.14. Waiting3
    1.1.15. Capienza6
    1.1.16. Waiting5

OR State	**Scatola3/Chart10/Idle**
Label	Idle CapienzaOUT=0; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Capienza6**
Label	Capienza6 CapienzaOUT=0; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Waiting5**
Label	Waiting5

OR State	**Scatola3/Chart10/Capienza5**
Label	Capienza5 CapienzaOUT=1; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Waiting4**
Label	Waiting4

OR State	**Scatola3/Chart10/Capienza4**
Label	Capienza4 CapienzaOUT=2; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Waiting3**
Label	Waiting3

OR State	**Scatola3/Chart10/Capienza3**
Label	Capienza3 CapienzaOUT=3; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Waiting2**
Label	Waiting2

OR State	**Scatola3/Chart10/Capienza2**

Label	Capienza2 CapienzaOUT=4; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Waiting**
Label	Waiting

OR State	**Scatola3/Chart10/Capienza1**
Label	Capienza1 CapienzaOUT=5; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	**Scatola3/Chart10/Waiting1**
Label	Waiting1

OR State	**Scatola3/Chart10/Capienza0**
Label	Capienza0 CapienzaOUT=6; AvailabilityOUT=AvailabilityIN; pause(0.1);

Appendix

Tabella 5. Block Type Count

BlockType	**Count**	**Block Names**
Memory	5	Memory, Memory1, Memory2, Memory3, Memory4
Inport	5	Bus Element In1, Bus Element In2, Bus Element In3, Bus Element In4, Bus Element In5
Outport	2	Bus Element Out1, Bus Element Out2
Chart	1	Chart10

Tabella 6. Count:Scatola3

Count	**Count**	**Objects**
Transition	15	DefaultTransition6, [CapienzaIN==1], Transition30, [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1]
State	14	Idle, Capienza6, Waiting5, Capienza5, Waiting4, Capienza4, Waiting3, Capienza3, Waiting2, Capienza2, Waiting, Capienza1, Waiting1, Capienza0
Data	7	AvailabilityIN, CapienzaIN, Place3Completed, Pezzo3, Reset, AvailabilityOUT, CapienzaOUT
Target	1	sfun
Machine	1	Scatola3
Chart	1	Chart10

Tabella 7. Data Properties

Name	**Parent**	**Data Type**
AvailabilityIN	Chart10	Inherit: Same as Simulink
AvailabilityOUT	Chart10	Inherit: Same as Simulink
CapienzaIN	Chart10	Inherit: Same as Simulink
CapienzaOUT	Chart10	Inherit: Same as Simulink
Pezzo3	Chart10	Inherit: Same as Simulink
Place3Completed	Chart10	Inherit: Same as Simulink
Reset	Chart10	Inherit: Same as Simulink

Target	**Scatola3/sfun**
Description	Default Simulink S-Function Target.