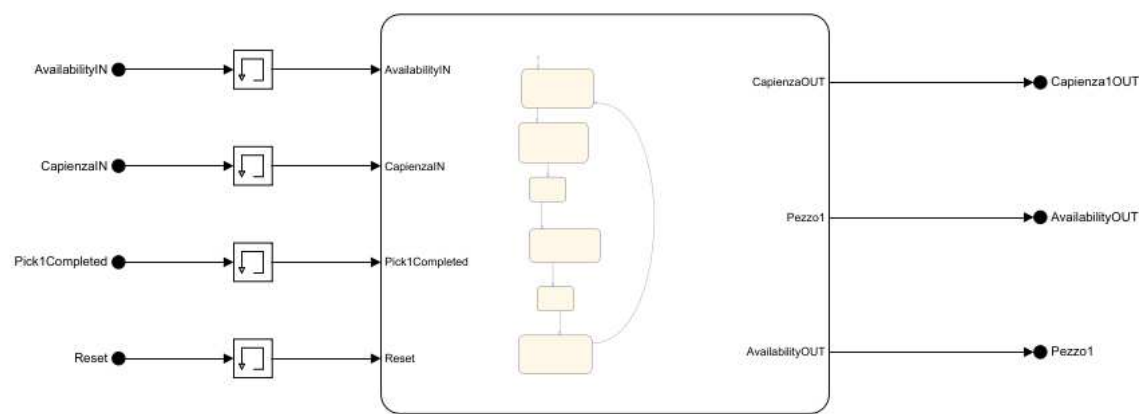


Scatola1



scarcia

27-Mar-2020 09:52:45

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Model - Scatola1

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Full Model Hierarchy

- [Scatola1](#)

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

[\[more info\]](#)

Machine - Scatola1

Machine	Scatola1
Charts	Chart4

[\[more info\]](#)

System - Scatola1

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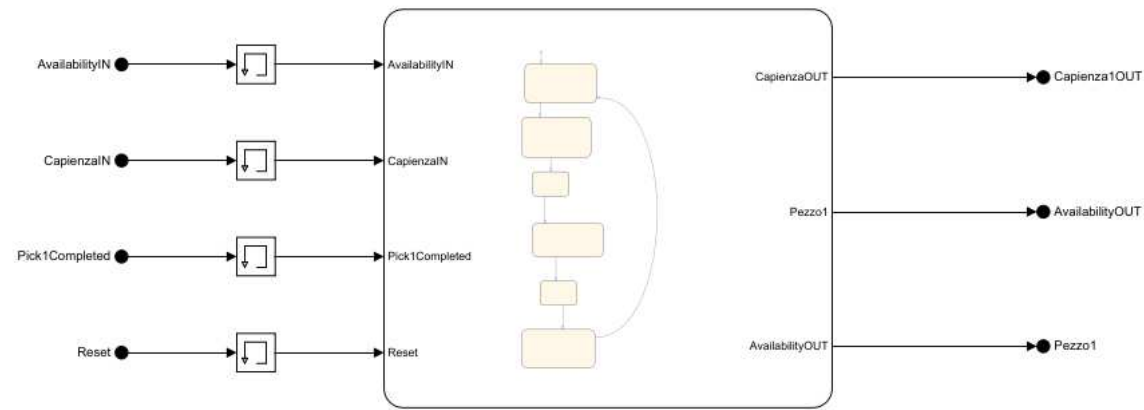


Tabella 1. Chart Block Properties

Name	Chart
Chart4	Chart4

Tabella 2. Inport Block Properties

Name	Port	Defined In Blk
Bus Element In1	1	Scatola1 (model)
Bus Element In2	2	Scatola1 (model)
Bus Element In3	3	Scatola1 (model)
Bus Element In4	4	Scatola1 (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

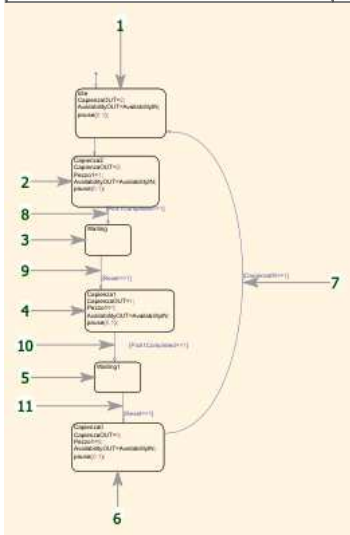
Tabella 4. Outport Block Properties

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
Bus Element Out1	1	Capienza1OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Bus Element Out2	2	AvailabilityOUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Bus Element Out3	3	Pezzo1	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off

Chart - Chart4

Chart	Scatola1/Chart4
States	Idle Capienza2 Waiting Capienza1 Waiting1 Capienza0
Transitions	DefaultTransition2 [CapienzaIN==1] Transition12 [Pick1Completed==1] [Reset==1] [Pick1Completed==1] [Reset==1]
Data	AvailabilityIN CapienzaOUT Pezzo1 AvailabilityOUT CapienzaIN

[Pick1Completed](#)
[Reset](#)



- (1) [Idle](#)
- (2) [Capienza2](#)
- (3) [Waiting](#)
- (4) [Capienza1](#)
- (5) [Waiting1](#)
- (6) [Capienza0](#)
- (7) [CapienzaN==1]
- (8) [Pick1Completed==1]
- (9) [Reset==1]
- (10) [Pick1Completed==1]
- (11) [Reset==1]

Stateflow Hierarchy

1. [Scatola1](#)

[Chart4](#)

- 1.1.1. Data: [AvailabilityIN](#), [CapienzaOUT](#), [Pezzo1](#), [AvailabilityOUT](#), [CapienzaIN](#), [Pick1Completed](#), [Reset](#)
- 1.1.2. Transition: [CapienzaN==1], DefaultTransition2, Transition12, [Pick1Completed==1], [Reset==1], [Pick1Completed==1], [Reset==1]
- 1.1.3. [Idle](#)
- 1.1.4. [Capienza1](#)
- 1.1.5. [Waiting](#)
- 1.1.6. [Waiting1](#)
- 1.1.7. [Capienza2](#)
- 1.1.8. [Capienza0](#)

OR State	Scatola1/Chart4/Idle
Label	Idle CapienzaOUT=2; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	Scatola1/Chart4/Capienza2
Label	Capienza2 CapienzaOUT=2; Pezzo1=1; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	Scatola1/Chart4/Waiting
Label	Waiting
OR State	Scatola1/Chart4/Capienza1
Label	Capienza1 CapienzaOUT=1; Pezzo1=1; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	Scatola1/Chart4/Waiting1
Label	Waiting1

OR State	Scatola1/Chart4/Capienza0
Label	Capienza0 CapienzaOUT=0; Pezzo1=0; AvailabilityOUT=AvailabilityIN; pause(0.1);

Appendix

Tabella 5. Block Type Count

BlockType	Count	Block Names
Memory	4	Memory , Memory1 , Memory2 , Memory3
Inport	4	Bus Element In1 , Bus Element In2 , Bus Element In3 , Bus Element In4
Outport	3	Bus Element Out1 , Bus Element Out2 , Bus Element Out3
Chart	1	Chart4

Tabella 6. Count:[Scatola1](#)

Count	Count	Objects
Transition	7	DefaultTransition2 , [CapienzaIN==1] , Transition12 , [Pick1Completed==1] , [Reset==1] , [Pick1Completed==1] , [Reset==1]
Data	7	AvailabilityIN , CapienzaOUT , Pezzo1 , AvailabilityOUT , CapienzaIN , Pick1Completed , Reset
State	6	Idle , Capienza2 , Waiting , Capienza1 , Waiting1 , Capienza0
Target	1	sfun
Machine	1	Scatola1
Chart	1	Chart4

Tabella 7. Data Properties

Name	Parent	Data Type
AvailabilityIN	Chart4	Inherit: Same as Simulink
AvailabilityOUT	Chart4	Inherit: Same as Simulink
CapienzaIN	Chart4	Inherit: Same as Simulink
CapienzaOUT	Chart4	Inherit: Same as Simulink
Pezzo1	Chart4	Inherit: Same as Simulink
Pick1Completed	Chart4	Inherit: Same as Simulink
Reset	Chart4	Inherit: Same as Simulink
Target	Scatola1/sfun	
Description	Default Simulink S-Function Target.	