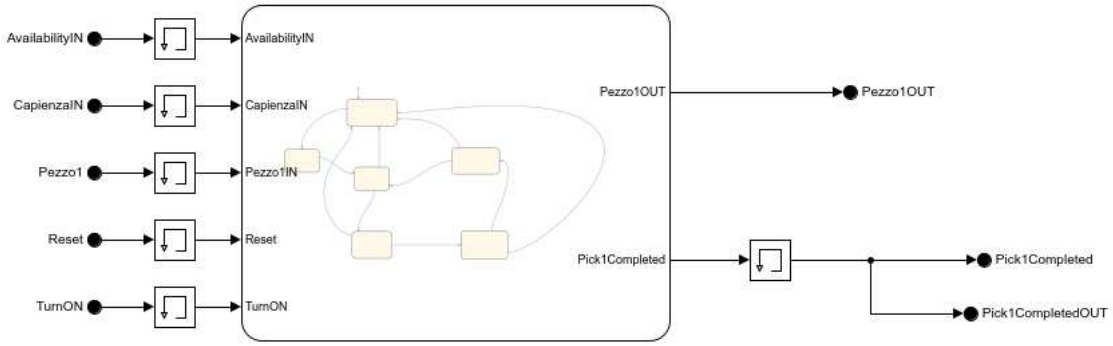
Preleva1



scarcia

27-Mar-2020 10:03:02

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Model - Preleva1

Machine - Preleva1

System - Preleva1

Chart - Chart1

Appendix

Lista delle tabelle

1. Chart Block Properties
2. Inport Block Properties
3. Memory Block Properties
4. Outport Block Properties
5. Block Type Count
6. Count:Preleva1
7. Data Properties

Model - Preleva1

Indice

Machine - Preleva1

Full Model Hierarchy

1. Preleva1

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

[more info]

Machine - Preleva1

Machine	Preleva1
Charts	Chart1

[more info]

System - Preleva1

Indice

Chart - Chart1

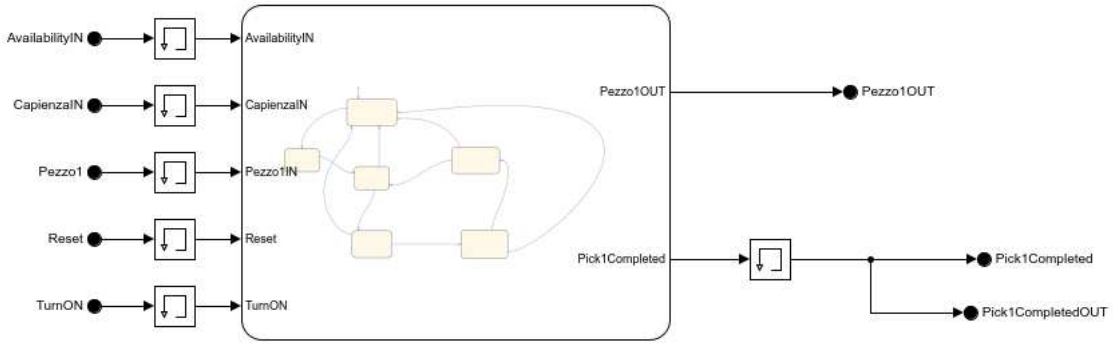


Tabella 1. Chart Block Properties

Name	Chart
Chart1	Chart1

Tabella 2. Inport Block Properties

Name	Port	Defined In Blk
Bus Element In1	1	Preleva1 (model)
Bus Element In2	2	Preleva1 (model)
Bus Element In3	5	Preleva1 (model)
Bus Element In4	3	Preleva1 (model)
Bus Element In5	4	Preleva1 (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
Memory5	off	off	off	Auto

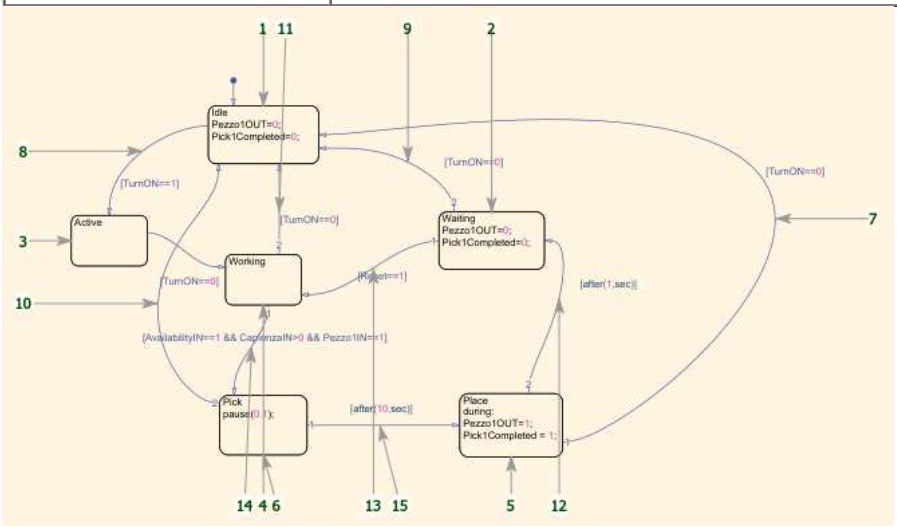
Tabella 4. Outport Block Properties

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 A 1DFor Ou When Unconnec
Bus Element Out1	1	Pezzo1OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Bus Element Out2	3	Pick1Completed	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Bus Element Out3	2	Pick1CompletedOUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off

Chart - Chart1

Chart	Preleva1/Chart1
States	Idle Waiting Active Working Place Pick
Transitions	DefaultTransition6 [TurnON==0] [TurnON==1] [TurnON==0] [TurnON==0] [TurnON==0] Transition29 [after(1,sec)] [Reset==1] [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1]

	[after(10,sec)]
Data	AvailabilityIN CapienzaIN Pezzo1IN Pezzo1OUT Pick1Completed Reset TurnON



(1) Idle
(2) Waiting
(3) Active
(4) Working
(5) Place
(6) Pick
(7) [TurnON==0]
(8) [TurnON==1]
(9) [TurnON==0]
(10) [TurnON==0]
(11) [TurnON==0]
(12) [after(1,sec)]
(13) [Reset==1]
(14) [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1]
(15) [after(10,sec)]

Stateflow Hierarchy

1. Preleva1
    1.1. *Chart1*
        1.1.1. Data: AvailabilityIN, CapienzaIN, Pezzo1IN, Pezzo1OUT, Pick1Completed, Reset, TurnON
        1.1.2. Transition: [TurnON==0], DefaultTransition6, [TurnON==1], [TurnON==0], [TurnON==0], [TurnON==0], Transition29, [after(1,sec)], [Reset==1], [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1], [after(10,sec)]
        1.1.3. Pick
        1.1.4. Waiting
        1.1.5. Active
        1.1.6. Idle
        1.1.7. Place
        1.1.8. Working

OR State	**Preleva1/Chart1/Idle**
Label	Idle Pezzo1OUT=0; Pick1Completed=0;

OR State	**Preleva1/Chart1/Waiting**
Label	Waiting Pezzo1OUT=0; Pick1Completed=0;

OR State	**Preleva1/Chart1/Active**
Label	Active

OR State	**Preleva1/Chart1/Working**

Label	Working

OR State	**Preleva1/Chart1/Place**
Label	Place during: Pezzo1OUT=1; Pick1Completed = 1;

OR State	**Preleva1/Chart1/Pick**
Label	Pick pause(0.1);

Appendix

Tabella 5. Block Type Count

BlockType	**Count**	**Block Names**
Memory	6	Memory, Memory1, Memory2, Memory3, Memory4, Memory5
Inport	5	Bus Element In1, Bus Element In2, Bus Element In3, Bus Element In4, Bus Element In5
Outport	3	Bus Element Out1, Bus Element Out2, Bus Element Out3
Chart	1	Chart1

Tabella 6. Count:Preleva1

Count	**Count**	**Objects**
Transition	11	DefaultTransition6, [TurnON==0], [TurnON==1], [TurnON==0], [TurnON==0], Transition29, [after(1,sec)], [Reset==1], [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1], [after(10,sec)]
Data	7	AvailabilityIN, CapienzaIN, Pezzo1IN, Pezzo1OUT, Pick1Completed, Reset, TurnON
State	6	Idle, Waiting, Active, Working, Place, Pick
Target	1	sfun
Machine	1	Preleva1
Chart	1	Chart1

Tabella 7. Data Properties

Name	**Parent**	**Data Type**
AvailabilityIN	Chart1	Inherit: Same as Simulink
CapienzaIN	Chart1	Inherit: Same as Simulink
Pezzo1IN	Chart1	Inherit: Same as Simulink
Pezzo1OUT	Chart1	Inherit: Same as Simulink
Pick1Completed	Chart1	Inherit: Same as Simulink
Reset	Chart1	Inherit: Same as Simulink
TurnON	Chart1	Inherit: Same as Simulink

Target	**Preleva1/sfun**
Description	Default Simulink S-Function Target.