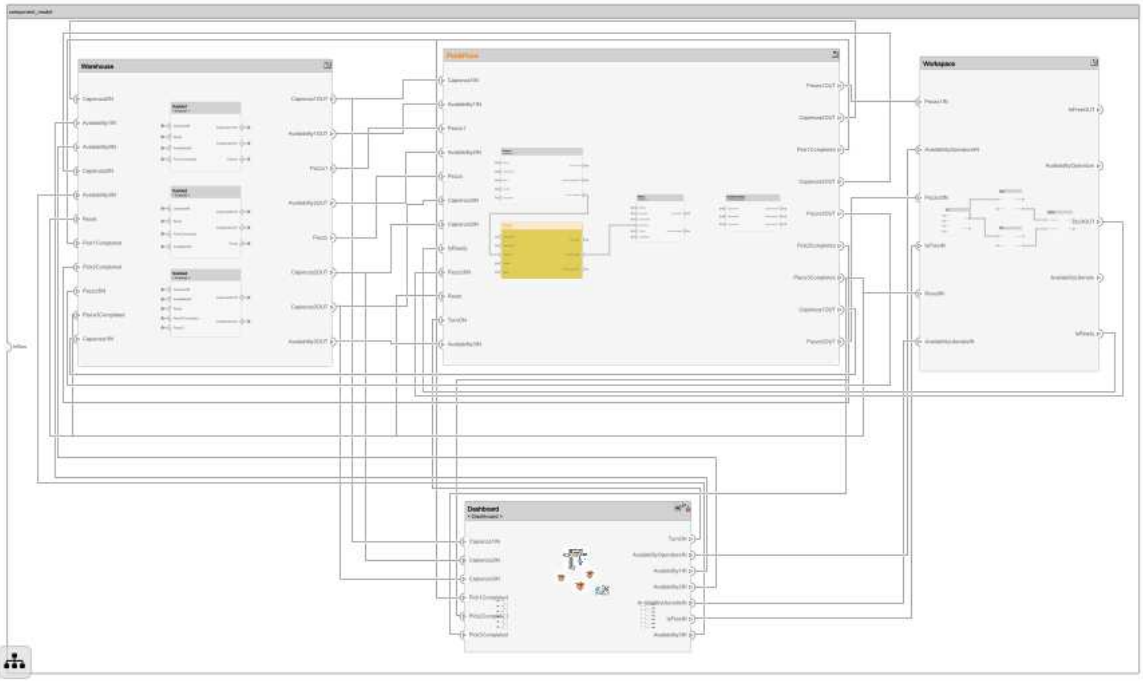
component_model



scarcia

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System - component_model/Warehouse
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Lista delle tabelle

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Model - component_model

Full Model Hierarchy

1. component_model
    1. Dashboard
    2. Pick&Place
        1. Place3
        2. Preleva1
        3. Preleva2
        4. SostituisciScatola
    3. Warehouse
        1. Scatola1
        2. Scatola2
        3. Scatola3
    4. Workspace
        1. Assemblaggio
        2. Check

3. Operatore
4. Utensile

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

[more info]

System - component_model

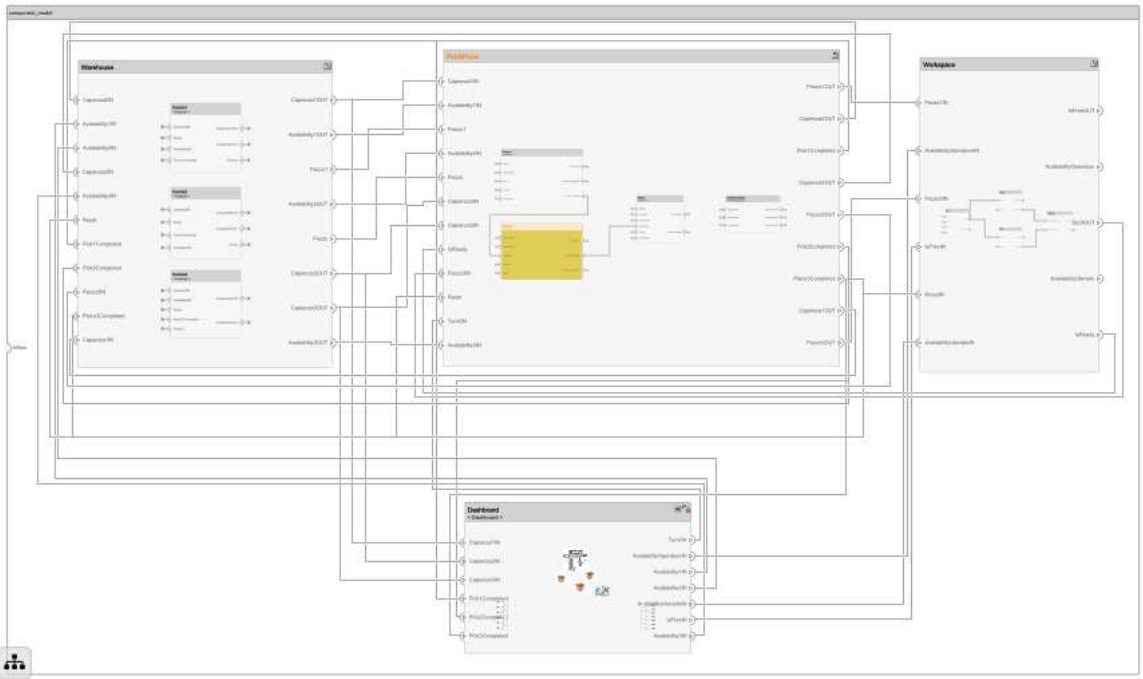

Tabella 1. Inport Block Properties

Name	Port	Defined In Blk
In Bus Element	1	Unconnected

Tabella 2. ModelReference Block Properties

Name	Model Name Dialog	Model File	Model Name	Parameter Argument Values	Simulation Mode	Show Model Initialize Port	Show Model Reset Ports	Show Model Terminate Port	Schedule Rates	Schedule Rates With	Auto Fill Port Discrete Rates	Code Interface	Variant
Dashboard	Dashboard	Dashboard.slx	Dashboard	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Model reference	off

System - component_model/Pick&Place

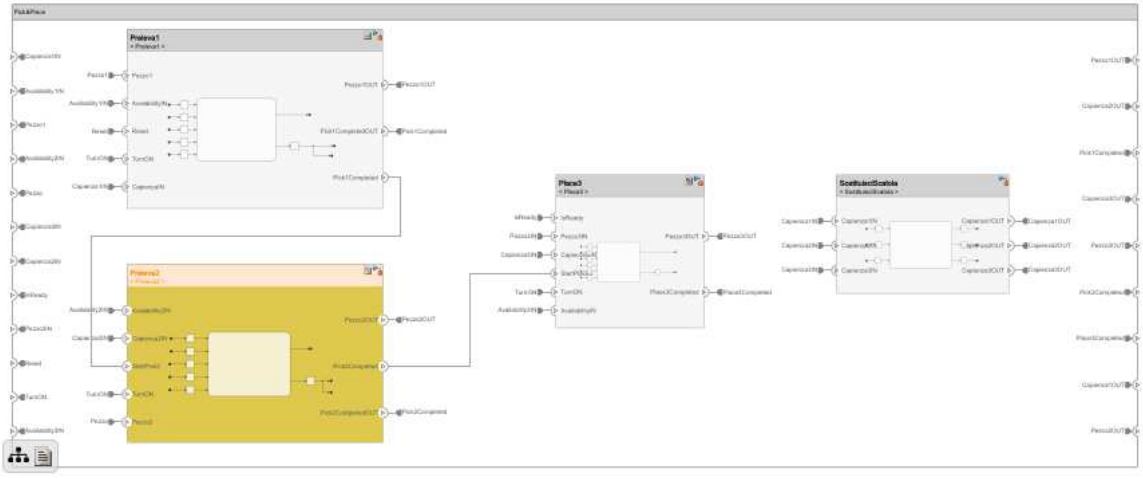

Tabella 3. Inport Block Properties

Name	Port	Defined In Blk
Availability1OUT2	2	Scatola1
Availability2OUT1	4	Scatola2
Availability3OUT1	12	Scatola3
Bus Element In1	7	Scatola2
Bus Element In10	10	Place3
Bus Element In11	11	Dashboard
Bus Element In2	7	Scatola2
Bus Element In3	11	Unconnected
Bus Element In4	6	Scatola3
Bus Element In5	6	Scatola3
Bus Element In6	11	Dashboard
Bus Element In7	11	Dashboard
CapienzaOUT1	1	Scatola1
CapienzaOUT2	1	Scatola1
IsReady1	8	Assemblaggio
Pezzo3	5	Scatola2
Pezzo3OUT1	9	Assemblaggio
Pezzo4	3	Scatola1

Tabella 4. ModelReference Block Properties

Name	Model Name Dialog	Model File	Model Name	Parameter Argument Values	Simulation Mode	Show Model Initialize Port	Show Model Reset Ports	Show Model Terminate Port	Schedule Rates	Schedule Rates With	A F P D F
Place3	Place3	Place3.slx	Place3	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	o
Preleva1	Preleva1	Preleva1.slx	Preleva1	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	o
Preleva2	Preleva2	Preleva2.slx	Preleva2	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	o
SostituisciScatola	SostituisciScatola	SostituisciScatola.slx	SostituisciScatola	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	o

Tabella 5. 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	Vect Para 1DF Whe Unc
Capienza1OUT1	8	Capienza1OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Capienza2OUT1	2	Capienza2OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Capienza3OUT1	4	Capienza3OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pezzo1OUT1	1	Pezzo1OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pezzo2OUT1	9	Pezzo2OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pezzo3OUT2	5	Pezzo3OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pick1Completed1	3	Pick1Completed	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pick2Completed1	6	Pick2Completed	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Place3Completed1	7	Place3Completed	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off

System - component_model/Warehouse

Tabella 6. Inport Block Properties

Name	Port	Defined In Blk
AvailabilityIN1	2	Dashboard
AvailabilityIN2	3	Dashboard
AvailabilityIN3	5	Dashboard
Bus Element In1	6	Place3
Bus Element In10	10	Place3
Bus Element In2	7	Preleva1
Bus Element In6	6	Place3
Bus Element In7	7	Preleva1
Bus Element In8	8	Preleva2
Capienza1OUT1	11	SostituisciScatola
Capienza2OUT1	1	SostituisciScatola
Capienza3OUT1	4	SostituisciScatola
Pezzo5	9	Place3

Tabella 7. ModelReference Block Properties

Name	Model Name Dialog	Model File	Model Name	Parameter Argument Values	Simulation Mode	Show Model Initialize Port	Show Model Reset Ports	Show Model Terminate Port	Schedule Rates	Schedule Rates With	Auto Fill Port Discrete Rates	Code Interface	Variant	Generat Preproc Conditio
Scatola1	Scatola1	Scatola1.slx	Scatola1	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Model reference	off	off
Scatola2	Scatola2	Scatola2.slx	Scatola2	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Model reference	off	off
Scatola3	Scatola3	Scatola3.slx	Scatola3	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Model reference	off	off

Tabella 8. 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	Vec Par 1DF Wh Unc
AvailabilityOUT1	2	Availability1OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
AvailabilityOUT2	4	Availability2OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
AvailabilityOUT3	8	Availability3OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
					Port											

Capienza3OUT2	7	Capienza3OUT	on	Auto	number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
CapienzaOUT3	6	Capienza2OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
CapienzaOUT5	1	Capienza1OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pezzo2	3	Pezzo1	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pezzo3	5	Pezzo	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off

System - component_model/Workspace

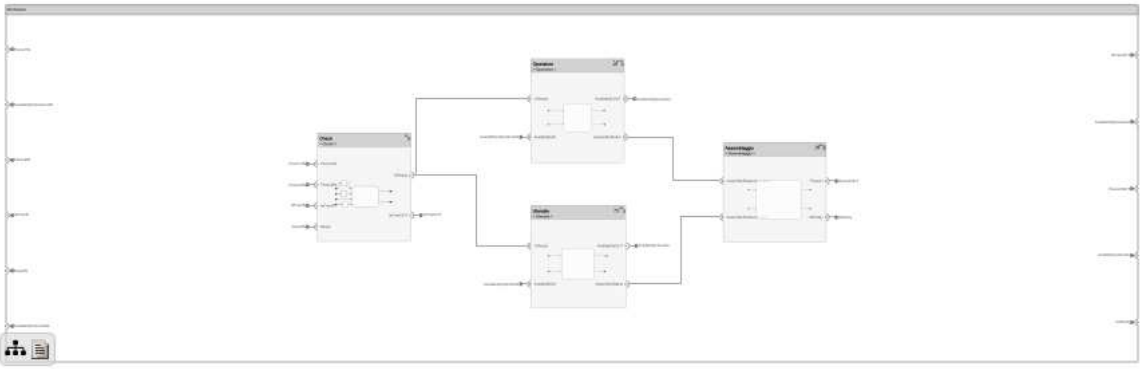

Tabella 9. Inport Block Properties

Name	Port	Defined In Blk
AvailabilityIN1	6	Dashboard
AvailabilityIN2	2	Dashboard
Bus Element In1	1	Preleva1
Bus Element In2	3	Preleva2
Bus Element In3	4	Dashboard
Bus Element In5	5	Place3

Tabella 10. ModelReference Block Properties

Name	Model Name Dialog	Model File	Model Name	Parameter Argument Values	Simulation Mode	Show Model Initialize Port	Show Model Reset Ports	Show Model Terminate Port	Schedule Rates	Schedule Rates With	Auto Fill Port Discrete Rates	Code Inter
Assemblaggio	Assemblaggio	Assemblaggio.slx	Assemblaggio	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Mode refere
Check	Check	Check.slx	Check	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Mode refere
Operatore	Operatore	Operatore.slx	Operatore	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Mode refere
Utensile	Utensile	Utensile.slx	Utensile	<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> with no fields.	Normal	off	off	off	off	Ports	on	Mode refere

Tabella 11. 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	IsFreeOUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Bus Element Out2	5	IsReady	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off

Bus Element Out3	2	AvailabilityOperatore	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Bus Element Out4	4	AvailabilityUtensile	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off
Pezzo1	3	Pezzo3OUT	on	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off

Appendix

Tabella 12. Block Type Count

BlockType	Count	Block Names
Inport	38	In Bus Element, Availability1OUT2, Availability2OUT1, Availability3OUT1, Bus Element In1, Bus Element In10, Bus Element In11, Bus Element In2, Bus Element In3, Bus Element In4, Bus Element In5, Bus Element In6, Bus Element In7, CapienzaOUT1, CapienzaOUT2, IsReady1, Pezzo3, Pezzo3OUT1, Pezzo4, AvailabilityIN1, AvailabilityIN2, AvailabilityIN3, Bus Element In1, Bus Element In10, Bus Element In2, Bus Element In6, Bus Element In7, Bus Element In8, Capienza1OUT1, Capienza2OUT1, Capienza3OUT1, Pezzo5, AvailabilityIN1, AvailabilityIN2, Bus Element In1, Bus Element In2, Bus Element In3, Bus Element In5
Outport	22	Capienza1OUT1, Capienza2OUT1, Capienza3OUT1, Pezzo1OUT1, Pezzo2OUT1, Pezzo3OUT2, Pick1Completed1, Pick2Completed1, Place3Completed1, AvailabilityOUT1, AvailabilityOUT2, AvailabilityOUT3, Capienza3OUT2, CapienzaOUT3, CapienzaOUT5, Pezzo2, Pezzo3, Bus Element Out1, Bus Element Out2, Bus Element Out3, Bus Element Out4, Pezzo1
ModelReference	12	Dashboard, Place3, Preleva1, Preleva2, SostituisciScatola, Scatola1, Scatola2, Scatola3, Assemblaggio, Check, Operatore, Utensile
SubSystem	3	Pick&Place, Warehouse, Workspace