

Face_Detection

Gokul & Niranjan

Table of Contents

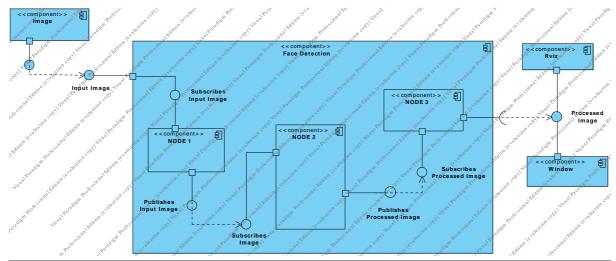
Face	detection	_
race	_detection	

Table of Figures

Face	detection
i acc_	detection

Deployment Diagram

Face_detection



Name	Value
Name	Face_detection
Author	gokul
Create Date Time	24 Dec, 2015 1:00:56 AM
Last Modified	24 Dec, 2015 1:12:30 AM
Teamwork Create Date Time	1 Jan, 1970 5:30:00 AM
Point Connector End To Compartment Member	true
Show Component Attributes	false
Show Component Operations	false

Summary

Name	Description
■ Image	
Face Detection	
■ Rviz	
Input Image	
NODE 3	
Subscribes Input Image	
Processed Image	
NODE 2	
NODE 1	
Window	
Subscribes Processed Image	
Publishes Processed Image	
Publishes Input Image	
Subscribes Image	

Details

Image

Name	Value			
Active	false			
Business Key Mutable	true			
Business Model	false			
Visibility	public	public		
Abstract	false	false		
Leaf	false	false		
Root	false	false		
Indirectly Instantiated	true			
Project Management	Name	Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:08:52 AM		
Last Modified 24 Dec, 2015 1:01:42 AM				

Children

Name	Description
ᡎ N∕A	

Ports

Name	Description
ᡎ N/A	

■ N/A

Name	Value
Service	true
Behavior	false
Conjugated	false
Derived	false
Is ID	false
Derived Union	false
Aggregation	Unspecified
Multiplicity	Unspecified
Read Only	false
Static	false
Leaf	false
Visibility	public

Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:09:21 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Kelationships				
Unnamed Association				
Name	Value			
End Model Element	Input Image			
Provide Property Getter Method	false			
Provide Property Setter Method	false			
Multiplicity	Unspecified			
Visibility	Unspe	Unspecified		
Aggregation Kind	None			
Navigable	Naviga	ble		
Derived	false	false		
Derived Union	false	false		
Read Only	false			
Static	false			
Leaf	false	false		
Туре	Input Image			
Project Management	Name		Value	
	Author		gokul	
	Create Date Time		24 Dec, 2015 12:39:24 AM	
false	false			
false	false			
Unspecified				
false				
Name		Value		
Author		gokul		
Create Date Time	Create Date Time		24 Dec, 2015 12:39:24 AM	
Last Modified		24 Dec, 2015 1:01:42 AM		
	End Model Element Provide Property Getter Method Provide Property Setter Method Multiplicity Visibility Aggregation Kind Navigable Derived Derived Union Read Only Static Leaf Type Project Management false false Unspecified false Name Author Create Date Time	End Model Element Provide Property Getter Method Provide Property Setter Method Multiplicity Visibility Aggregation Kind None Navigable Derived Derived Union Read Only Static Leaf Type Project Management false false false false Unspecified false Name Author Create Date Time	End Model Element Provide Property Getter Method Provide Property Setter Method Multiplicity Visibility Aggregation Kind Navigable Derived Derived Union Read Only Static Leaf Type Project Management false false Unspecified Name Author Create Date Time Input Image Input Image Input Image Input Image Input Image Value Author Greate Date Time One of the set	

Tace Detection

Name	Value
Active	false
Business Key Mutable	true
Business Model	false
Visibility	public

Abstract	false	false		
Leaf	false	false		
Root	false	false		
Indirectly Instantiated	true	true		
Project Management	Name	Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:08:16 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

Children

Name	Description
♠ N/A	
NODE 3	
Subscribes Input Image	
NODE 2	
NODE 1	
Subscribes Processed Image	
Publishes Processed Image	
Publishes Input Image	
Subscribes Image	
Class4	
Component2	
Class5	

Ports

Name	Description
· N∕A	

Unnamed Dependency				
From	«U≱ N/A			
Visibility	Unspecified			
Project Management	Name Value			
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:22:28 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

Resident Components

Name	Description
NODE 1	
Component2	
NODE 2	
NODE 3	

Rviz

Name	Value			
Active	false	false		
Business Key Mutable	true			
Business Model	false			
Visibility	public			
Abstract	false	false		
Leaf	false	false		
Root	false	false		
Indirectly Instantiated	true	true		
Project Management	Name	Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:40:36 AM		
	Last Modified 24 Dec, 2015 1:01:42 AM			

Children

Name	Description
₩ N/A	

Ports

Name	Description
₩ N/A	

Input Image

Name	Value
Active	false
Business Key Mutable	true
Business Model	false
Visibility	public
Leaf	false
Root	false
Stereotypes	Interface

Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:09:37 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Unnamed Association					
From	Name	Value			
	End Model Element		↓ N/A		
	Provide Property Getter Method	false	false		
	Provide Property Setter Method	false			
	Multiplicity	Unspe	Unspecified		
	Visibility	Unspe	cified		
	Aggregation Kind	None			
	Navigable	Naviga	ıble		
	Derived	false	Se		
	Derived Union	false	false		
	Read Only	false			
	Static	false			
	Leaf	false			
	Туре	₩ N/A			
	Project Management	Name		Value	
		Author		gokul	
		Create		24 Dec, 2015 12:39:24 AM	
Abstract	false	false			
Leaf	false				
Visibility	Unspecified	Unspecified			
Derived	false	false			
Project Management	Name	Name		Value	
	Author	Author		gokul	
	Create Date Time	Create Date Time		24 Dec, 2015 12:39:24 AM	
	Last Modified	Last Modified		24 Dec, 2015 1:01:42 AM	



Name	Value
Service	true
Behavior	false
Conjugated	false
Derived	false

Is ID	false		
Derived Union	false		
Aggregation	Unspecified		
Multiplicity	Unspecified		
Read Only	false		
Static	false		
Leaf	false		
Visibility	public		
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:40:59 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Unnamed Realization		
From	Processed Image	
Visibility	Unspecified	
Project Management	Name Value	
	Author	gokul
	Create Date Time	24 Dec, 2015 12:41:45 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

N/A

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	Interface	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:10:44 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

N/A

Name	Value
Service	true
Behavior	false
Conjugated	false

Derived	false	
Is ID	false	
Derived Union	false	
Aggregation	Unspecified	
Multiplicity	Unspecified	
Read Only	false	
Static	false	
Leaf	false	
Visibility	public	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:11:43 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Unnamed Realization			
From	Subscribes Input Image	Subscribes Input Image	
Visibility	Unspecified	Unspecified	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:16:22 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

NODE 3

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Indirectly Instantiated	true	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:27:52 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Children

Name	Description
· N/A	
♠ N/A	

Ports

Name	Description
· N/A	
↓ N/A	

Subscribes Input Image

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	Interface	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:15:47 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Unnamed Realization			
То	√ N/A	■ N/A	
Visibility	Unspecified	Unspecified	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:16:22 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	
Unnamed Realization			
То	↓ N/A	■ N/A	
Visibility	Unspecified	Unspecified	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:16:47 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Processed Image

Name	Value	Value	
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false	false	
Root	false	false	
Stereotypes	Interface	Interface	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:30:29 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Relationships

Unnamed Realization			
То	ᡎ N/A	₫ N/A	
Visibility	Unspecified	Unspecified	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:31:30 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	
Unnamed Realization			
То	ᡎ N/A	√ N/A	
Visibility	Unspecified	Unspecified	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:41:45 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Unnamed Dependency			
From	— N/A	— N/A	
Visibility	Unspecified	Unspecified	
Project Management	Name Value		
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:32:30 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

■ N/A

Name	Value
Service	true

Behavior	false	
Conjugated	false	
Derived	false	
Is ID	false	
Derived Union	false	
Aggregation	Unspecified	
Multiplicity	Unspecified	
Read Only	false	
Static	false	
Leaf	false	
Visibility	public	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:29:01 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

NODE 2

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Indirectly Instantiated	true	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:24:47 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Children

Name	Description
· N/A	
· N∕A	

Ports

Name	Description
· N/A	
♦ N/A	



Name	Value		
Service	true	true	
Behavior	false		
Conjugated	false		
Derived	false		
Is ID	false		
Derived Union	false		
Aggregation	Unspecified	Unspecified	
Multiplicity	Unspecified	Unspecified	
Read Only	false	false	
Static	false	false	
Leaf	false	false	
Visibility	public	public	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:16:35 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Unnamed Realization		
From	Subscribes Input Image	
Visibility	Unspecified	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:16:47 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

NODE 1

Name	Value
Active	false
Business Key Mutable	true
Business Model	false
Visibility	public
Abstract	false
Leaf	false
Root	false
Indirectly Instantiated	true

Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:13:12 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Children

Name	Description
♠ N/A	
↓ N/A	
■ Component	

Ports

Name	Description
· N/A	
♠ N/A	

Resident Components

Name	Description
Component	

N/A

Name	Value		
Service	true		
Behavior	false		
Conjugated	false		
Derived	false		
Is ID	false		
Derived Union	false		
Aggregation	Unspecified		
Multiplicity	Unspecified	Unspecified	
Read Only	false		
Static	false		
Leaf	false		
Visibility	public		
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:28:06 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Relationships

Unnamed Realization

From	Subscribes Processed Image	
Visibility	Unspecified	
Project Management	Name Value	
	Author	gokul
	Create Date Time	24 Dec, 2015 12:28:16 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

■ N/A

Name	Value	Value		
Service	true	true		
Behavior	false			
Conjugated	false			
Derived	false			
Is ID	false			
Derived Union	false			
Aggregation	Unspecified	Unspecified		
Multiplicity	Unspecified	Unspecified		
Read Only	false	false		
Static	false	false		
Leaf	false	false		
Visibility	public	public		
Project Management	Name	Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:25:01 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

Relationships

Unnamed Realization		
From	Subscribes Image	
Visibility	Unspecified	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:25:32 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

N/A

Name	Value
Service	true
Behavior	false
Conjugated	false
Derived	false

Is ID	false	false		
Derived Union	false			
Aggregation	Unspecified	Unspecified		
Multiplicity	Unspecified			
Read Only	false			
Static	false	false		
Leaf	false	false		
Visibility	public	public		
Project Management	Name	Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:31:21 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

Unnamed Realization		
From	Processed Image	
Visibility	Unspecified	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:31:30 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Window

Name	Value	Value	
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Abstract	false	false	
Leaf	false	false	
Root	false	false	
Indirectly Instantiated	true	true	
Project Management	Name	Name Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:31:15 AM	
	Last Modified 24 Dec, 2015 1:01:42 AM		

Children

Name	Description
ቑ N/A	

Ports

Name	Description
■ N/A	

Subscribes Processed Image

Name	Value	
Active	false	
Business Key Mutable	true	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	Interface	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:28:16 AM
	Last Modified	24 Dec, 2015 1:01:42 AM

Unnamed Realization	
То	ᡎ N/A

Visibility	Unspecified			
Project Management	Name	Value		
	Author gokul			
	Create Date Time 24 Dec, 2015 12:28:16 AM			
	Last Modified 24 Dec, 2015 1:01:42 AM			
Unnamed Dependency				
From	— N/A			
Visibility	Unspecified			
Project Management	Name Value			
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:28:35 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

N/A

Name	Value			
Service	true	true		
Behavior	false			
Conjugated	false			
Derived	false			
Is ID	false			
Derived Union	false			
Aggregation	Unspecified			
Multiplicity	Unspecified	Unspecified		
Read Only	false			
Static	false			
Leaf	false	false		
Visibility	public	public		
Project Management	Name	Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:17:21 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

Unnamed Usage				
То	Publishes Input Image			
Visibility	Unspecified			
Project Management	Name Value Author gokul			
	Create Date Time 24 Dec, 2015 12:21:34 AM Last Modified 24 Dec, 2015 1:01:42 AM			

Relationships	Unnamed Dependency	Unnamed Dependency				
	То	Face Detection				
	Visibility	Unspecified				
	Project Management	Name	Value			
		Author	gokul			
		Create Date Time	24 Dec, 2015 12:22:28 AM			
		Last Modified	24 Dec, 2015 1:01:42 AM			
	Unnamed Dependency	Unnamed Dependency				
	То	Subscribes Imag	Subscribes Image			
	Visibility	Unspecified				
	Project Management	Name	Value			
		Author	gokul			
		Create Date Time	24 Dec, 2015 12:22:39 AM			
		Last Modified	24 Dec, 2015 1:01:42 AM			

Publishes Processed Image

Name	Value			
Active	false	false		
Business Key Mutable	true			
Business Model	false			
Visibility	public			
Leaf	false	false		
Root	false	false		
Stereotypes	Interface	Interface		
Project Management	Name	Name Value		
	Author	gokul		
	Create Date Time	24 Dec, 2015 12:26:32 AM		
	Last Modified	Last Modified 24 Dec, 2015 1:01:42 AM		

Relationships

Unnamed Association

From	Name	Value			
	End Model Element				
	Provide Property Getter Method	false			
	Provide Property Setter Method	false			
	Multiplicity	Unspecified			
	Visibility	Unspe	cified		
	Aggregation Kind	None			
	Navigable	Navigable			
	Derived	false			
	Derived Union	false			
	Read Only	false			
	Static	false			
	Leaf	false			
	Туре	Name			
	Project Management			Value	
		Author		gokul	
		Create Date Time		24 Dec, 2015 12:27:35 AM	
Abstract	false				
Leaf	false				
Visibility	Unspecified				
Derived	false	false			
Project Management	Name		Value		
	Author		gokul		
	Create Date Time		24 Dec, 2015 12:27:35 AM		
	Last Modified		24 Dec, 2015 1:01:42 AM		
Relationships	Unnamed Dependency	_			
	То	Subscribes Processed Image		sed Image	
	Visibility	Unspecified			
	Project Management	Name		Value	
		Author		gokul	
		Create Date Time		24 Dec, 2015 12:28:35 AM	
		Last Modified		24 Dec, 2015 1:01:42 AM	

■ N/A

Name	Value
Service	true
Behavior	false

Conjugated	false			
Derived	false			
Is ID	false			
Derived Union	false			
Aggregation	Unspecified			
Multiplicity	Unspecified			
Read Only	false			
Static	false			
Leaf	false			
Visibility	public			
Project Management	Name Value			
	Author gokul			
	Create Date Time 24 Dec, 2015 12:26:23 AM			
	Last Modified	24 Dec, 2015 1:01:42 AM		

Unnamed Associatio	n				
То	Name	Value	Value		
	End Model Element	Publishes Proces	sed Image		
	Provide Property Getter Method	false			
	Provide Property Setter Method	false			
	Multiplicity	Unspecified	Unspecified		
	Visibility	Unspecified			
	Aggregation Kind	None			
	Navigable	Navigable	Navigable		
	Derived	false			
	Derived Union	false			
	Read Only	false			
	Static	false			
	Leaf	false	false		
	Туре	Publishes Proces	sed Image		
	Project Management	Name	Value		
		Author	gokul		
		Create Date Time	24 Dec, 2015 12:27:35 AM		
Abstract	false				
Leaf	false				
Visibility	Unspecified	Unspecified			
Derived	false	false			

Project Management	Project Management Name Author		Value	
			gokul	
	Create Date Time		24 Dec, 2015 12:27:35 AM	
	Last Modified		24 Dec, 2015 1	:01:42 AM
Relationships	Unnamed Dependency			
	То	Subscribes Processed Image		sed Image
	Visibility Unspeci		ecified	
				Value
				gokul
		Create	Date Time	24 Dec, 2015 12:28:35 AM
	Last		odified	24 Dec, 2015 1:01:42 AM

Publishes Input Image

Name	Value			
Active	false			
Business Key Mutable	true			
Business Model	false			
Visibility	public			
Leaf	false			
Root	false			
Stereotypes	Interface			
Project Management	Name Value			
	Author gokul			
	Create Date Time	24 Dec, 2015 12:21:34 AM		
	Last Modified	24 Dec, 2015 1:01:42 AM		

Unnamed Usage			
From	↓ N/A		
Visibility	Unspecified		
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:21:34 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Relationships	Unnamed Dependency		
	То	Face Detection	
	Visibility	Unspecified	
	Project Management	Name	Value
		Author	gokul
		Create Date Time	24 Dec, 2015 12:22:28 AM
		Last Modified	24 Dec, 2015 1:01:42 AM
	Unnamed Dependency		
	То	Subscribes Image	
	Visibility	Unspecified	
	Project Management	Name	Value
		Author	gokul
		Create Date Time	24 Dec, 2015 12:22:39 AM
		Last Modified	24 Dec, 2015 1:01:42 AM

Subscribes Image

Name	Value		
Active	false		
Business Key Mutable	true		
Business Model	false		
Visibility	public		
Leaf	false		
Root	false		
Stereotypes	Interface		
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:20:52 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	

Unnamed Realization			
То	↓ N/A	♠ N/A	
Visibility	Unspecified	Unspecified	
Project Management	Name	Value	
	Author	gokul	
	Create Date Time	24 Dec, 2015 12:25:32 AM	
	Last Modified	24 Dec, 2015 1:01:42 AM	
Unnamed Dependency			

From	«Uş N/A	
Visibility	Unspecified	
Project Management	Name	Value
	Author	gokul
	Create Date Time	24 Dec, 2015 12:22:39 AM
	Last Modified	24 Dec, 2015 1:01:42 AM