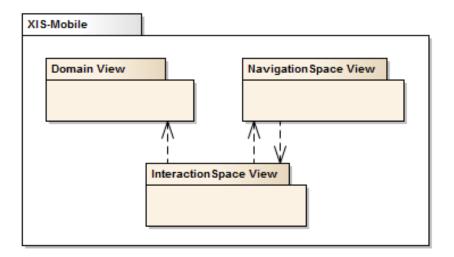
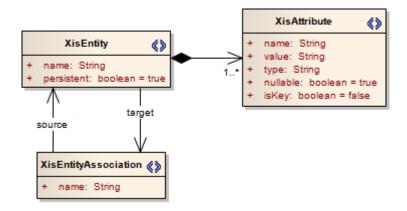
XIS-Mobile Specification

XIS-Mobile UML Profile comprises three types of views: Domain View, InteractionSpace View and NavigationSpace View.



1. Domain View



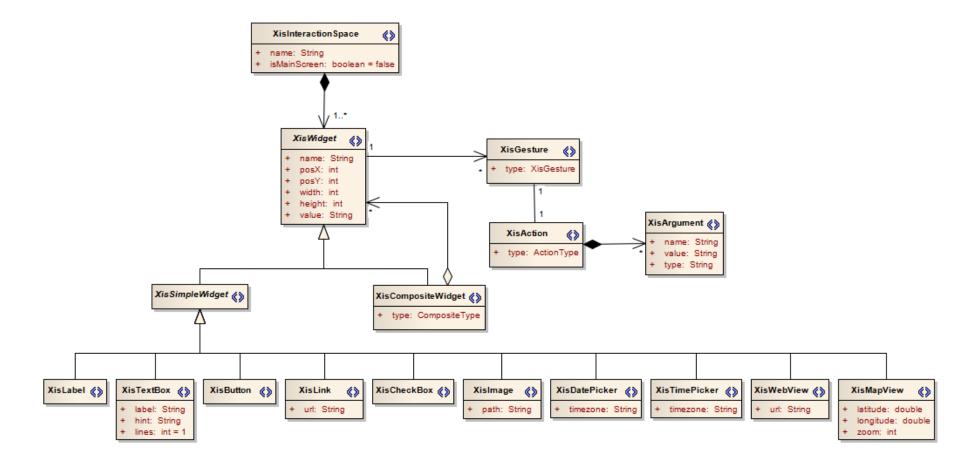
Stereotype	Metaclass
XisEntity	Class
XisEntityAttribute	Property
XisEntityAssociation	Association

	XisEntity	
Represents a domain entity.		
Tagged Value	Туре	Description
name	String	Specifies the identifier of the
		domain entity.
persistent	Boolean	Specifies if the entity should
		be persisted or not.

XisEntityAttribute			
Represents an attribute or prop	Represents an attribute or property of a domain entity.		
Tagged Value	Туре	Description	
name	String	Specifies the name of the	
		attribute.	
value	String	Assigns a value to the entity	
		attribute.	
type	String	Specifies the type of the	
		domain entity.	
nullable	Boolean	Specifies if the attribute can	
		be null.	
isKey	Boolean	Specifies if the attribute is a	
		key.	

XisEntityAssociation		
Associates two domain entities.		
Tagged Value Type Description		
name	String	Specifies the identifier of the
		domain entity.

2. InteractionSpace View



Stereotype	Metaclass
XisInteractionSpace	Class
XisWidget	Class
XisCompositeWidget	XisWidget
XisSimpleWidget	XisWidget
XisLabel	XisSimpleWidget
XisTextBox	XisSimpleWidget
XisButton	XisSimpleWidget
XisLink	XisSimpleWidget
XisCheckBox	XisSimpleWidget
XisImage	XisSimpleWidget
XisDatePicker	XisSimpleWidget
XisTimePicker	XisSimpleWidget
XisWebView	XisSimpleWidget
XisMapView	XisSimpleWidget
XisGesture	Class
XisAction	Operation
XisArgument	Parameter

XisInteractionSpace			
Represents an application scre	Represents an application screen.		
Tagged Value Type Description			
name	String	Specifies the identifier of the	
		interaction space.	
isMainScreen	Boolean	Specifies if the screen is the	
		first one presented when the	
		application starts.	

XisWidget			
Represents a UI widget or cont	Represents a UI widget or control of a XisInteractionSpace.		
Tagged Value	Туре	Description	
name	String	Specifies the identifier of the widget.	
posX	Double	Horizontal position of the widget.	
posY	Double	Vertical position of the widget.	
width	Double	Specifies the width of the widget.	
height	Double	Specifies the height of the widget.	
value	String	Assigns a value to the widget.	

XisCompositeWidget		
Represents a UI widget composed of other widgets.		
Tagged Value Type Description		
type	CompositeWidgetType	Specifies the type of the composite element: List,
		Menu, Group or Item.

XisLabel	
Represents a label.	

	XisTextBox	
Represents a textbox.		
Tagged Value	Туре	Description
label	String	Specifies the label of the textbox.
hint	String	Specifies the hint of the textbox.
lines	Integer	Specifies the number of lines of the textbox.

XisButton	
Represents a button.	

XisLink		
Represents a link.		
Tagged Value Type Description		
url	String	Specifies link's destination.

XisCheckBox
Represents a checkbox.

XisImage					
Represents an image.					
Tagged Value		Туре	D	escriptio	n
path	String		Specifies	the	image's
			location.		

XisDatePicker		
Represents a date picker.		
Tagged Value	Type	Description
timezone	String	Specifies the used timezone. If this value is null, the device's timezone will be used.

XisTimePicker			
Represents a time picker.			
Tagged Value	Туре	Description	
timezone	String	Specifies the used timezone. If this value is null, the device's timezone will be used.	

XisWebView			
Represents a web view.			
Tagged Value	Туре	Description	

url	String	Specifies the address of the
		web site accessed.

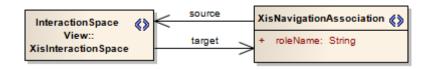
XisMapView			
Represents a Google Map's view.			
Tagged Value Type Description			
latitude	Double	Specifies the latitude of the	
		center of the map.	
longitude	Double	Specifies the longitude of the	
		center of the map.	
zoom	Integer	Specifies the zoom of the	
		map.	

XisGesture			
Represents a gesture attached	Represents a gesture attached to a UI widget.		
Tagged Value	Туре	Description	
name	String	Specifies the name of the gesture.	
type	GestureType	Specifies the type of gesture: Tap, DoubleTap, LongTap, Swipe, Pinch or Stretch.	

XisAction			
Represents an action triggered	Represents an action triggered by a gesture.		
Tagged Value	Туре	Description	
name	String	Specifies the name of the action.	
type	ActionType	Specifies the type of the action: Cancel, NavigateTo, Save, Delete, ZoomIn, ZoomOut or Custom.	

XisArgument				
Represents an argument of an	Represents an argument of an action.			
Tagged Value	Туре	Description		
name	String	Specifies the name of the		
		argument.		
value	String	Specifies the value of the		
		argument.		
type	String	Specifies the type of the		
		argument.		

3. NavigationSpace View



Stereotype	Metaclass
XisNavigationAssociation	Association

XisNavigationAssociation			
Defines the transitions between XisInteractionSpaces.			
Attribute	Туре	Description	
roleName	String	Specifies the name of the transition. Must be the name of the action which triggered the navigation.	