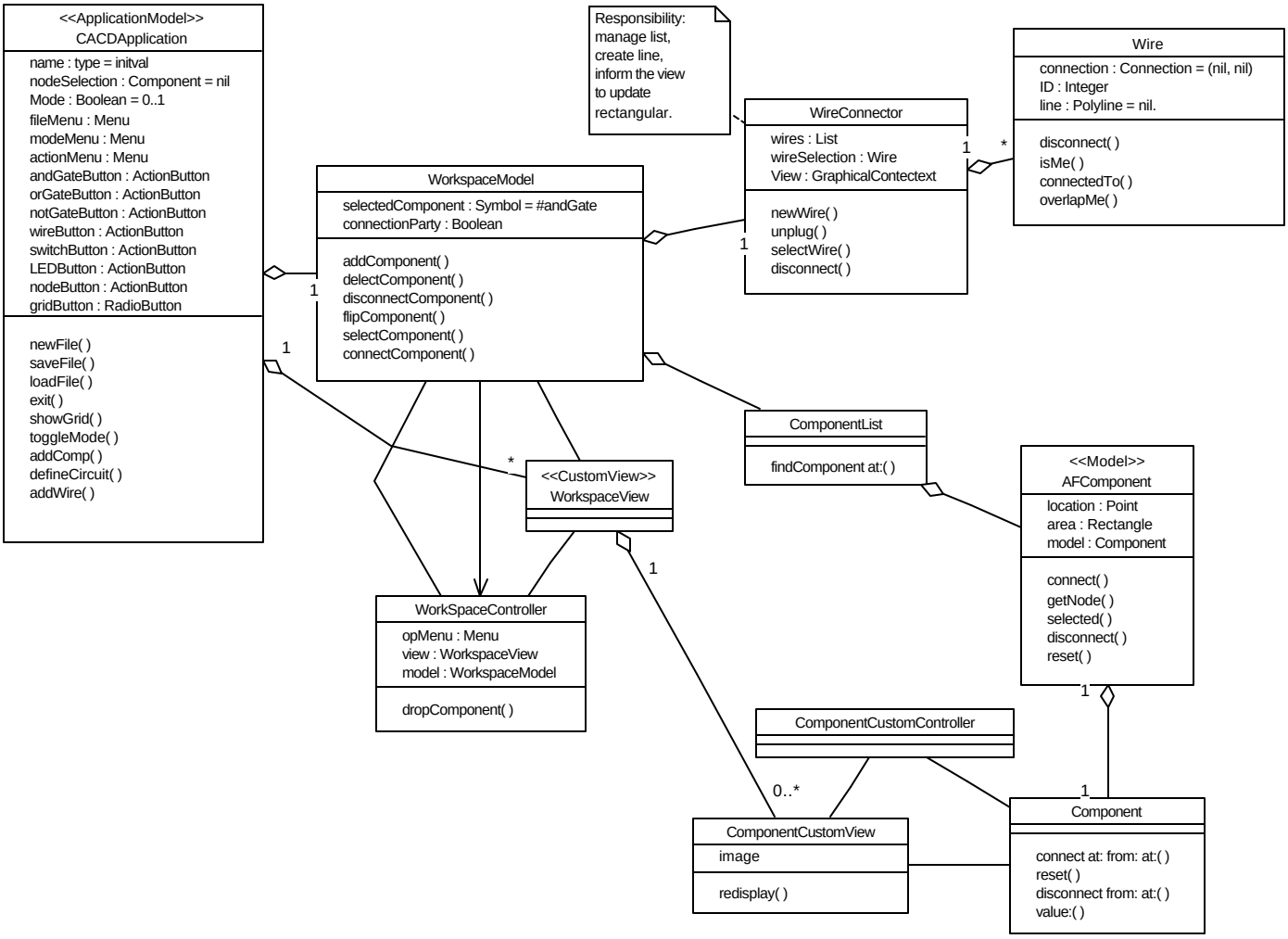
<<ApplicationModel>>
CACDApplication
name : type = initval
nodeSelection : Component = nil
Mode : Boolean = 0..1
fileMenu : Menu
modeMenu : Menu
actionMenu : Menu
andGateButton : ActionButton
orGateButton : ActionButton
notGateButton : ActionButton
wireButton : ActionButton
switchButton : ActionButton
LEDButton : ActionButton
nodeButton : ActionButton
gridButton : RadioButton
newFile( )
saveFile( )
loadFile( )
exit( )
showGrid( )
toggleMode( )
addComp( )
defineCircuit( )
addWire( )
Responsibility:
manage list,
create line,
inform the view
to update
rectangular.
WireConnector
wires : List
wireSelection : Wire
View : GraphicalContectext
newWire( )
unplug( )
selectWire( )
disconnect( )
Wire
connection : Connection = (nil, nil)
ID : Integer
line : Polyline = nil.
disconnect( )
isMe( )
connectedTo( )
overlapMe( )
WorkspaceModel
selectedComponent : Symbol = #andGate
connectionParty : Boolean
addComponent( )
delectComponent( )
disconnectComponent( )
flipComponent( )
selectComponent( )
connectComponent( )
ComponentList
findComponent at:( )
<<CustomView>>
WorkspaceView
<<Model>>
AFComponent
location : Point
area : Rectangle
model : Component
connect( )
getNode( )
selected( )
disconnect( )
reset( )
WorkSpaceController
opMenu : Menu
view : WorkspaceView
model : WorkspaceModel
dropComponent( )
ComponentCustomController
ComponentCustomView
image
redisplay( )
Component
connect at: from: at:( )
reset( )
disconnect from: at:( )
value:( )
1
*
0..*