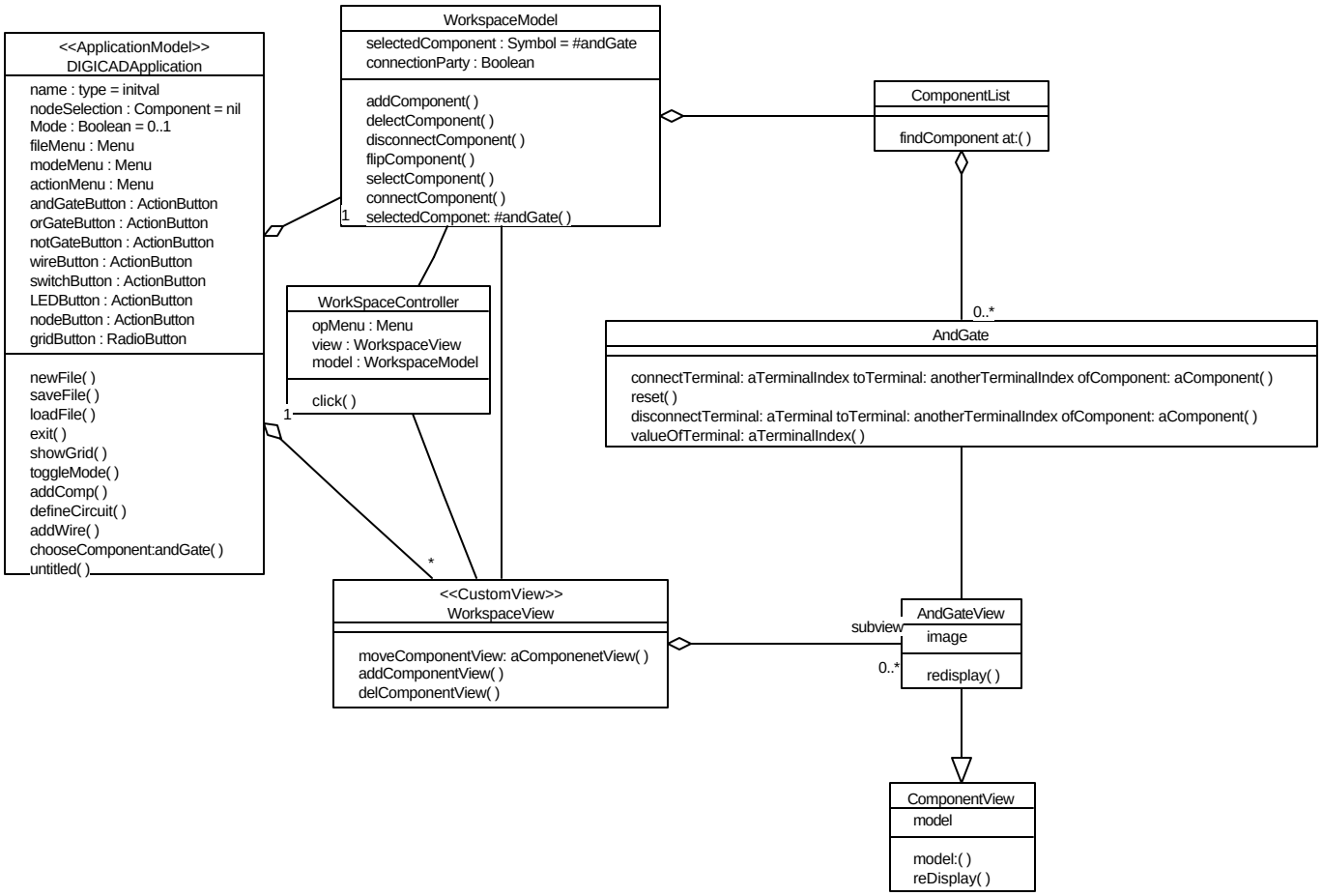
<<ApplicationModel>>
DIGICADApplication
name : type = initval
nodeSelection : Component = nil
Mode : Boolean = 0..1
fileMenu : Menu
modeMenu : Menu
actionMenu : Menu
andGateButton : ActionButton
orGateButton : ActionButton
notGateButton : ActionButton
wireButton : ActionButton
switchButton : ActionButton
LEDButton : ActionButton
nodeButton : ActionButton
gridButton : RadioButton
newFile( )
saveFile( )
loadFile( )
exit( )
showGrid( )
toggleMode( )
addComp( )
defineCircuit( )
addWire( )
chooseComponent:andGate( )
untitled( )
WorkspaceModel
selectedComponent : Symbol = #andGate
connectionParty : Boolean
addComponent( )
delectComponent( )
disconnectComponent( )
flipComponent( )
selectComponent( )
connectComponent( )
selectedComponet: #andGate( )
1
ComponentList
findComponent at:( )
0..*
WorkSpaceController
opMenu : Menu
view : WorkspaceView
model : WorkspaceModel
click( )
1
AndGate
connectTerminal: aTerminalIndex toTerminal: anotherTerminalIndex ofComponent: aComponent( )
reset( )
disconnectTerminal: aTerminal toTerminal: anotherTerminalIndex ofComponent: aComponent( )
valueOfTerminal: aTerminalIndex( )
*
<<CustomView>>
WorkspaceView
moveComponentView: aComponenetView( )
addComponentView( )
delComponentView( )
subview
0..*
AndGateView
image
redisplay( )
ComponentView
model
model:( )
reDisplay( )