```
GraphVertexBase
# d baseGraph
# d name
# d value
# d level
# d inConnections
# d outConnections
# d settings

    d type

    hashed

    d count

+ GraphVertexBase()
+ GraphVertexBase()
+ operator=()
+ operator=()
+ GraphVertexBase()
+ GraphVertexBase()
+ ~GraphVertexBase()
+ getType()
+ getTypeName()
+ setName()
and 19 more...
  GraphVertexGates
- d gate

    hashed

+ GraphVertexGates()
+ GraphVertexGates()
+ updateValue()
```

+ calculateHash() + getVerilogString()

+ isSubgraphBuffer()

+ getGate()
+ toVerilog()