```
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...
 GraphVertexSubGraph
- d subGraph

    hashed

+ GraphVertexSubGraph()
+ GraphVertexSubGraph()
+ updateValue()
+ toVerilog()
+ toVerilog()
+ toGraphML()
+ toGraphML()
+ getInstance()
+ calculateHash()
+ setSubGraph()
+ getSubGraph()
```