```
ComSquare::Memory::
       IMemory
+ read()
+ write()
+ hasMemoryAt()
+ getRelativeAddress()
+ getSize()
+ isMirror()
+ getName()
+ getComponent()
+ getValueName()
+ getMirrored()
+ ~IMemory()
ComSquare::Memory::
      AMemory
  start
#
#
  end
+ getRelativeAddress()
+ setMemoryRegion()
+ hasMemoryAt()
+ isMirror()
+ getValueName()
+ getMirrored()
+ ~AMemory()
ComSquare::Memory::
   MemoryShadow
- initial
+ MemoryShadow()
+ MemoryShadow()
+ operator=()
+ ~MemoryShadow()
+ read()
+ write()
+ getSize()
+ isMirror()
+ getName()
+ getComponent()
+ getMirrored()
```