TestMemory Allocator # name # alloc name # free name # hasBeenDestroyed + TestMemoryAllocator() + ~TestMemoryAllocator() + hasBeenDestroyed() + alloc memory() + free memory() + name() + alloc name()

+ free name() + isOfEqualType()

+ allocMemoryLeakNode() + freeMemoryLeakNode()

FailableMemoryAllocator

head # currentAllocNumber

+ FailableMemoryAllocator()

+ alloc memory()

+ allocMemoryLeakNode() + failAllocNumber()

+ failNthAllocAt()

+ checkAllFailedAllocsWereDone() + clearFailedAllocs()