cppgc::internal::HeapVisitor < Derived > + Traverse() + Traverse() + Traverse() # VisitHeap() # VisitNormalPageSpace() # VisitLargePageSpace() # VisitNormalPage() # VisitLargePage() # VisitHeapObjectHeader() - ToDerived() - VisitHeapImpl() VisitNormalPageSpaceImpl() VisitLargePageSpaceImpl() VisitNormalPageImpl() VisitLargePageImpl() VisitHeapObjectHeaderImpl() < ConcurrentSweepTask > cppgc::internal::HeapVisitor < ConcurrentSweepTask > + Traverse() + Traverse() + Traverse() # VisitHeap() # VisitNormalPageSpace() # VisitLargePageSpace() # VisitNormalPage() # VisitLargePage() # VisitHeapObjectHeader() ToDerived() VisitHeapImpl() - VisitNormalPageSpaceImpl() - VisitLargePageSpaceImpl() VisitNormalPageImpl() VisitLargePageImpl() VisitHeapObjectHeaderImpl() cppgc::internal::anonymous namespace{sweeper.cc}::

cppgc::JobTask

+ GetMaxConcurrency()

ConcurrentSweepTask

- empty_normal_pages empty_large_pages - current sweeping state

free_memory_handling_

+ ConcurrentSweepTask()

+ GetMaxConcurrency() SweepStateOrYield() VisitNormalPage() - VisitLargePage()

+ ~JobTask()

+ Run()

- heap

- page_allocator_ - space states

- is completed

- sticky bits

+ Run()