cppgc::internal::HeapVisitor < Derived > + Traverse() + Traverse() + Traverse() # VisitHeap() # VisitNormalPageSpace() # VisitLargePageSpace() # VisitNormalPage() # VisitLargePage() # VisitHeapObjectHeader() ToDerived() - VisitHeapImpl() - VisitNormalPageSpaceImpl() - VisitLargePageSpaceImpl() - VisitNormalPageImpl() VisitLargePageImpl() VisitHeapObjectHeaderImpl() < MarkingVerifierBase > cppgc::internal::HeapVisitor < MarkingVerifierBase > cppgc::internal::Conservative TracingVisitor + Traverse() # heap_ + Traverse() # page backend + Traverse() # visitor # VisitHeap() heap::base::StackVisitor # VisitNormalPageSpace() + ConservativeTracingVisitor() # VisitLargePageSpace() + ~ConservativeTracingVisitor() # VisitNormalPage() + ConservativeTracingVisitor() + ~StackVisitor() # VisitLargePage() + operator=() + VisitPointer() + TraceConservativelyIfNeeded() # VisitHeapObjectHeader() + TraceConservativelyIfNeeded() - ToDerived() VisitHeapImpl() + TraceConservatively() - VisitNormalPageSpaceImpl() # VisitFullyConstructedConservatively() # VisitInConstructionConservatively() VisitLargePageSpaceImpl() VisitNormalPageImpl() # TryTracePointerConservatively() VisitLargePageImpl() VisitHeapObjectHeaderImpl() cppgc::internal::Marking VerifierBase - verification state - visitor_ - in_construction_objects _heap_ - in construction_objects stack - in_construction_objects_ verifier_found_marked bytes verifier_found_marked _bytes_are_exact collection_type_ verifier_found_marked _bytes_in_pages_ + ~MarkingVerifierBase() + MarkingVerifierBase() + operator=() + Run() # MarkingVerifierBase() VisitInConstructionConservatively() - VisitPointer() VisitNormalPage() - VisitLargePage() - VisitHeapObjectHeader() ReportDifferences() - ReportNormalPage() - ReportLargePage() ReportHeapObjectHeader() v8::internal::UnifiedHeap cppgc::internal::Marking MarkingVerifier Verifier - state - state + UnifiedHeapMarkingVerifier() + MarkingVerifier() + ~MarkingVerifier() + ~UnifiedHeapMarkingVerifier()