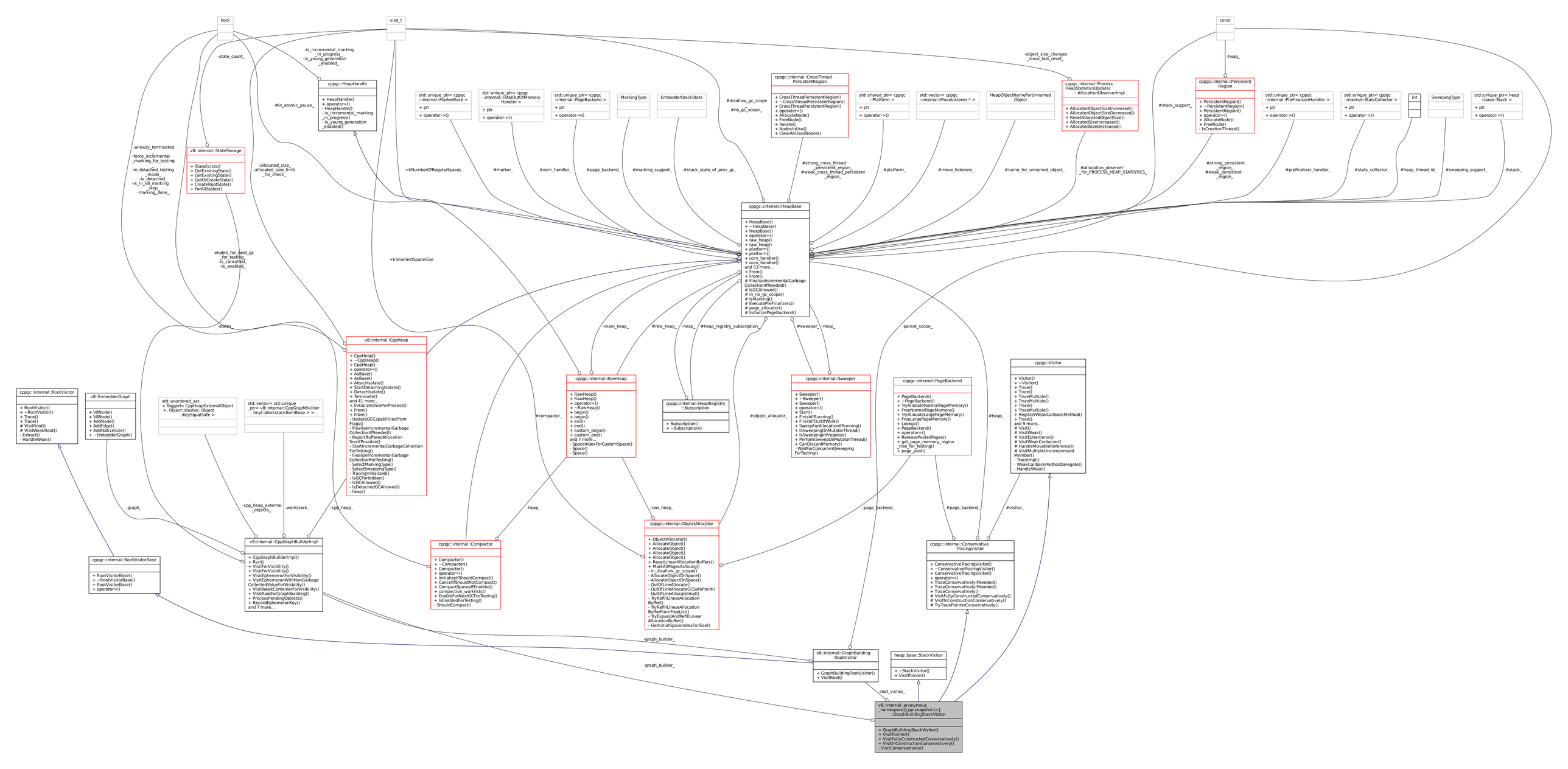
bool
size_t
const
cppgc::HeapHandle
+ HeapHandle()
+ operator=()
- HeapHandle()
- is_incremental_marking_in_progress()
- is_young_generation_enabled()
v8::internal::StateStorage
+ StateExists()
+ GetExistingState()
+ GetOrCreateState()
+ CreateRootState()
+ ForAllStates()
std::unique_ptr< cppgc::internal::MarkerBase >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::FatalOutOfMemoryHandler >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::PageBackend >
+ ptr
+ operator->()
MarkingType
EmbedderStackState
cppgc::internal::CrossThreadPersistentRegion
+ CrossThreadPersistentRegion()
+ ~CrossThreadPersistentRegion()
+ CrossThreadPersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
+ Iterate()
+ NodesInUse()
+ ClearAllUsedNodes()
std::shared_ptr< cppgc::Platform >
+ ptr
+ operator->()
std::vector< cppgc::internal::MoveListener * >
HeapObjectNameForUnnamedObject
cppgc::internal::ProcessHeapStatisticsUpdater::AllocationObserverImpl
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
cppgc::internal::PersistentRegion
+ PersistentRegion()
+ ~PersistentRegion()
+ PersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
- IsCreationThread()
std::unique_ptr< cppgc::internal::PreFinalizerHandler >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::StatsCollector >
+ ptr
+ operator->()
int
SweepingType
std::unique_ptr< heap::base::Stack >
+ ptr
+ operator->()
cppgc::internal::HeapBase
+ HeapBase()
+ ~HeapBase()
+ HeapBase()
+ operator=()
+ raw_heap()
+ raw_heap()
+ platform()
+ platform()
+ oom_handler()
+ oom_handler()
and 53 more...
+ From()
+ From()
# FinalizeIncrementalGarbageCollectionIfNeeded()
# IsGCAllowed()
# in_no_gc_scope()
# IsMarking()
# ExecutePreFinalizers()
# page_allocator()
# InitializePageBackend()
v8::internal::CppHeap
+ CppHeap()
+ ~CppHeap()
+ CppHeap()
+ operator=()
+ AsBase()
+ AsBase()
+ AttachIsolate()
+ StartDetachingIsolate()
+ DetachIsolate()
+ Terminate()
and 41 more...
+ InitializeOncePerProcess()
+ From()
+ From()
- UpdateGCCapabilitiesFromFlags()
- FinalizeIncrementalGarbageCollectionIfNeeded()
- ReportBufferedAllocationSizeIfPossible()
- StartIncrementalGarbageCollectionForTesting()
- FinalizeIncrementalGarbageCollectionForTesting()
- SelectMarkingType()
- SelectSweepingType()
- TracingInitialized()
- IsGCForbidden()
- IsGCAllowed()
- IsDetachedGCAllowed()
- heap()
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ ~RawHeap()
+ begin()
+ begin()
+ end()
+ end()
+ custom_begin()
+ custom_end()
and 7 more...
- SpaceIndexForCustomSpace()
- Space()
- Space()
cppgc::internal::HeapRegistry::Subscription
+ Subscription()
+ ~Subscription()
cppgc::internal::Sweeper
+ Sweeper()
+ ~Sweeper()
+ Sweeper()
+ operator=()
+ Start()
+ FinishIfRunning()
+ FinishIfOutOfWork()
+ SweepForAllocationIfRunning()
+ IsSweepingOnMutatorThread()
+ IsSweepingInProgress()
+ PerformSweepOnMutatorThread()
+ CanDiscardMemory()
- WaitForConcurrentSweepingForTesting()
cppgc::internal::PageBackend
+ PageBackend()
+ ~PageBackend()
+ TryAllocateNormalPageMemory()
+ FreeNormalPageMemory()
+ TryAllocateLargePageMemory()
+ FreeLargePageMemory()
+ Lookup()
+ PageBackend()
+ operator=()
+ ReleasePooledPages()
+ get_page_memory_region_tree_for_testing()
+ page_pool()
cppgc::Visitor
+ Visitor()
+ ~Visitor()
+ Trace()
+ Trace()
+ TraceMultiple()
+ TraceMultiple()
+ Trace()
+ TraceMultiple()
+ RegisterWeakCallbackMethod()
+ Trace()
and 9 more...
Visit()
VisitWeak()
VisitEphemeron()
VisitWeakContainer()
HandleMovableReference()
VisitMultipleUncompressedMember()
- TraceImpl()
- WeakCallbackMethodDelegate()
- HandleWeak()
cppgc::internal::ObjectAllocator
+ ObjectAllocator()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ ResetLinearAllocationBuffers()
+ MarkAllPagesAsYoung()
- in_disallow_gc_scope()
- AllocateObjectOnSpace()
- AllocateObjectOnSpace()
- OutOfLineAllocate()
- OutOfLineAllocateGCSafePoint()
- OutOfLineAllocateImpl()
- TryRefillLinearAllocationBuffer()
- TryRefillLinearAllocationBufferFromFreeList()
- TryExpandAndRefillLinearAllocationBuffer()
- GetInitialSpaceIndexForSize()
cppgc::internal::Compactor
+ Compactor()
+ ~Compactor()
+ Compactor()
+ operator=()
+ InitializeIfShouldCompact()
+ CancelIfShouldNotCompact()
+ CompactSpacesIfEnabled()
+ compaction_worklists()
+ EnableForNextGCForTesting()
+ IsEnabledForTesting()
+ ShouldCompact()
cppgc::internal::ConservativeTracingVisitor
+ ConservativeTracingVisitor()
+ ~ConservativeTracingVisitor()
+ ConservativeTracingVisitor()
+ operator=()
+ TraceConservativelyIfNeeded()
+ TraceConservativelyIfNeeded()
+ TraceConservatively()
# VisitFullyConstructedConservatively()
# VisitInConstructionConservatively()
# TryTracePointerConservatively()
v8::internal::CppGraphBuilderImpl
+ CppGraphBuilderImpl()
+ Run()
+ VisitForVisibility()
+ VisitForVisibility()
+ VisitEphemeronForVisibility()
+ VisitEphemeronWithNonGarbageCollectedValueForVisibility()
+ VisitWeakContainerForVisibility()
+ VisitRootForGraphBuilding()
+ ProcessPendingObjects()
+ RecordEphemeronKey()
and 7 more...
cppgc::internal::RootVisitor
+ RootVisitor()
+ ~RootVisitor()
+ Trace()
+ Trace()
# VisitRoot()
# VisitWeakRoot()
- Extract()
- HandleWeak()
v8::EmbedderGraph
+ V8Node()
+ V8Node()
+ AddNode()
+ AddEdge()
+ AddNativeSize()
+ ~EmbedderGraph()
std::unordered_set< Tagged< CppHeapExternalObject >, Object::Hasher, Object::KeyEqualSafe >
std::vector< std::unique_ptr< v8::internal::CppGraphBuilderImpl::WorkstackItemBase > >
cppgc::internal::RootVisitorBase
+ RootVisitorBase()
+ ~RootVisitorBase()
+ RootVisitorBase()
+ operator=()
v8::internal::GraphBuildingRootVisitor
+ GraphBuildingRootVisitor()
+ VisitRoot()
heap::base::StackVisitor
+ ~StackVisitor()
+ VisitPointer()
v8::internal::anonymous_namespace{cpp-snapshot.cc}::GraphBuildingStackVisitor
+ GraphBuildingStackVisitor()
+ VisitPointer()
+ VisitFullyConstructedConservatively()
+ VisitInConstructionConservatively()
- VisitConservatively()
-state_count_
-is_incremental_marking_in_progress_
-is_young_generation_enabled_
-object_size_changes_since_last_reset_
-heap_
#in_atomic_pause_
#disallow_gc_scope
#no_gc_scope_
#stack_support_
-already_terminated
-force_incremental_marking_for_testing
-in_detached_testing_mode
-is_detached_
-is_in_v8_marking_step_
-marking_done_
-allocated_size_
-allocated_size_limit_for_check_
+kNumberOfRegularSpaces
#marker_
#oom_handler_
#page_backend_
#marking_support_
#stack_state_of_prev_gc_
#strong_cross_thread_persistent_region_
#weak_cross_thread_persistent_region_
#platform_
#move_listeners_
#name_for_unnamed_object_
#allocation_observer_for_PROCESS_HEAP_STATISTICS_
#strong_persistent_region_
#weak_persistent_region_
#prefinalizer_handler_
#stats_collector_
#heap_thread_id_
#sweeping_support_
#stack_
-enable_for_next_gc_for_testing_
-is_cancelled_
-is_enabled_
+kSmallestSpaceSize
-states_
-main_heap_
#raw_heap_
-heap_
#heap_registry_subscription_
#sweeper_
-heap_
-parent_scope_
#compactor_
#object_allocator_
#heap_
-graph_
-cpp_heap_external_objects_
-workstack_
-cpp_heap_
-heap_
-raw_heap_
-page_backend_
#page_backend_
#visitor_
-graph_builder_
-graph_builder_
-root_visitor_