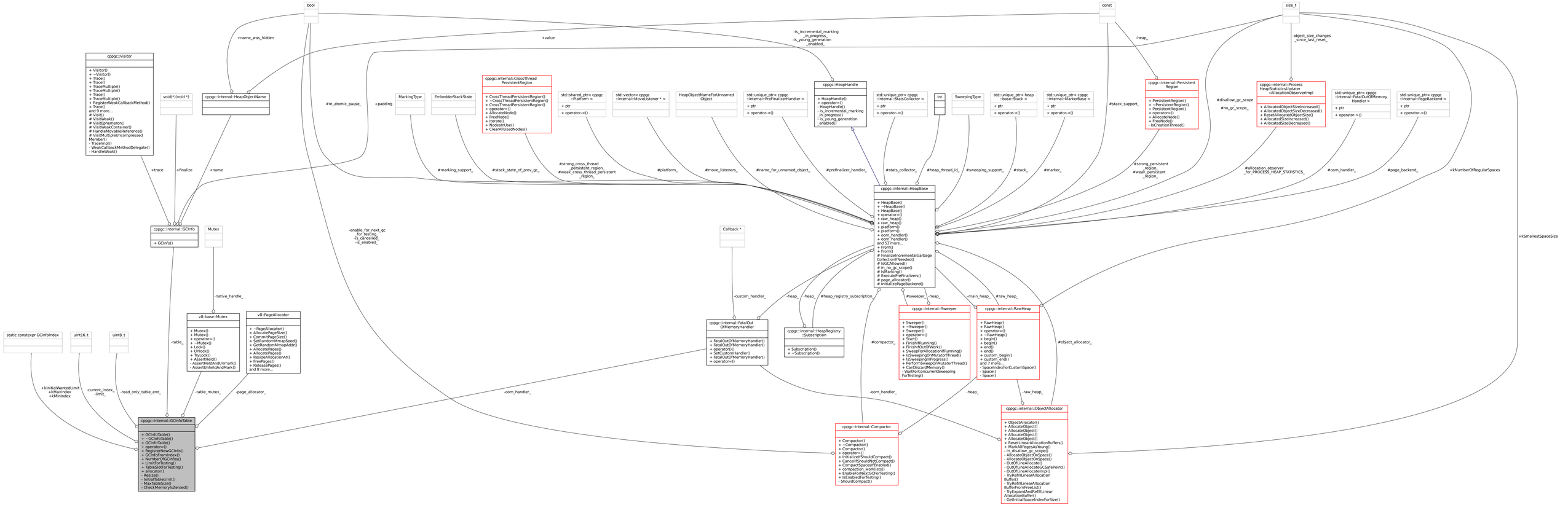
bool
const
size_t
+name_was_hidden
+value
-is_incremental_marking
_in_progress_
-is_young_generation
enabled
-heap_
-object_size_changes
_since_last_reset_
cppgc::Visitor
+ Visitor()
+ ~Visitor()
+ Trace()
+ Trace()
+ TraceMultiple()
+ TraceMultiple()
+ Trace()
+ TraceMultiple()
+ RegisterWeakCallbackMethod()
+ Trace()
and 9 more...
# Visit()
# VisitWeak()
# VisitEphemeron()
# VisitWeakContainer()
# HandleMovableReference()
# VisitMultipleUncompressed
Member()
- TraceImpl()
- WeakCallbackMethodDelegate()
- HandleWeak()
void*(void *)
cppgc::internal::HeapObjectName
#in_atomic_pause_
#padding
MarkingType
EmbedderStackState
cppgc::internal::CrossThread
PersistentRegion
+ CrossThreadPersistentRegion()
+ ~CrossThreadPersistentRegion()
+ CrossThreadPersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
+ Iterate()
+ NodesInUse()
+ ClearAllUsedNodes()
std::shared_ptr< cppgc
::Platform >
+ ptr
+ operator->()
std::vector< cppgc
::internal::MoveListener * >
HeapObjectNameForUnnamed
Object
std::unique_ptr< cppgc
::internal::PreFinalizerHandler >
+ ptr
+ operator->()
cppgc::HeapHandle
+ HeapHandle()
+ operator=()
- HeapHandle()
- is_incremental_marking
_in_progress()
- is_young_generation
_enabled()
std::unique_ptr< cppgc
::internal::StatsCollector >
+ ptr
+ operator->()
int
SweepingType
std::unique_ptr< heap
::base::Stack >
+ ptr
+ operator->()
std::unique_ptr< cppgc
::internal::MarkerBase >
+ ptr
+ operator->()
cppgc::internal::Persistent
Region
+ PersistentRegion()
+ ~PersistentRegion()
+ PersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
- IsCreationThread()
#stack_support_
#disallow_gc_scope
#no_gc_scope_
cppgc::internal::Process
HeapStatisticsUpdater
::AllocationObserverImpl
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
std::unique_ptr< cppgc
::internal::FatalOutOfMemory
Handler >
+ ptr
+ operator->()
std::unique_ptr< cppgc
::internal::PageBackend >
+ ptr
+ operator->()
+trace
+finalize
+name
#marking_support_
#stack_state_of_prev_gc_
#strong_cross_thread
_persistent_region_
#weak_cross_thread_persistent
region
#platform_
#move_listeners_
#name_for_unnamed_object_
#prefinalizer_handler_
#stats_collector_
#heap_thread_id_
#sweeping_support_
#stack_
#marker_
#strong_persistent
region
#weak_persistent
region
#allocation_observer
_for_PROCESS_HEAP_STATISTICS_
#oom_handler_
#page_backend_
+kNumberOfRegularSpaces
+kSmallestSpaceSize
cppgc::internal::HeapBase
+ HeapBase()
+ ~HeapBase()
+ HeapBase()
+ operator=()
+ raw_heap()
+ raw_heap()
+ platform()
+ platform()
+ oom_handler()
+ oom_handler()
and 53 more...
+ From()
+ From()
# FinalizeIncrementalGarbage
CollectionIfNeeded()
# IsGCAllowed()
# in_no_gc_scope()
# IsMarking()
# ExecutePreFinalizers()
# page_allocator()
# InitializePageBackend()
cppgc::internal::GCInfo
+ GCInfo()
Mutex
-native_handle_
v8::base::Mutex
+ Mutex()
+ Mutex()
+ operator=()
+ ~Mutex()
+ Lock()
+ Unlock()
+ TryLock()
+ AssertHeld()
- AssertHeldAndUnmark()
- AssertUnheldAndMark()
v8::PageAllocator
+ ~PageAllocator()
+ AllocatePageSize()
+ CommitPageSize()
+ SetRandomMmapSeed()
+ GetRandomMmapAddr()
+ AllocatePages()
+ AllocatePages()
+ ResizeAllocationAt()
+ FreePages()
+ ReleasePages()
and 8 more...
-enable_for_next_gc
_for_testing_
-is_cancelled_
-is_enabled_
Callback *
-custom_handler_
-heap_
-heap_
#heap_registry_subscription_
#sweeper_
-heap_
-main_heap_
#raw_heap_
cppgc::internal::FatalOut
OfMemoryHandler
+ FatalOutOfMemoryHandler()
+ FatalOutOfMemoryHandler()
+ operator()()
+ SetCustomHandler()
+ FatalOutOfMemoryHandler()
+ operator=()
cppgc::internal::HeapRegistry
::Subscription
+ Subscription()
+ ~Subscription()
cppgc::internal::Sweeper
+ Sweeper()
+ ~Sweeper()
+ Sweeper()
+ operator=()
+ Start()
+ FinishIfRunning()
+ FinishIfOutOfWork()
+ SweepForAllocationIfRunning()
+ IsSweepingOnMutatorThread()
+ IsSweepingInProgress()
+ PerformSweepOnMutatorThread()
+ CanDiscardMemory()
- WaitForConcurrentSweeping
ForTesting()
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ ~RawHeap()
+ begin()
+ begin()
+ end()
+ end()
+ custom_begin()
+ custom_end()
and 7 more...
- SpaceIndexForCustomSpace()
- Space()
- Space()
#compactor_
#object_allocator_
-oom_handler_
-heap_
-raw_heap_
static constexpr GCInfoIndex
uint16_t
uint8_t
-table_
-table_mutex_
-page_allocator_
-oom_handler_
+kInitialWantedLimit
+kMaxIndex
+kMinIndex
-current_index_
-limit_
-read_only_table_end_
cppgc::internal::GCInfoTable
+ GCInfoTable()
+ ~GCInfoTable()
+ GCInfoTable()
+ operator=()
+ RegisterNewGCInfo()
+ GCInfoFromIndex()
+ NumberOfGCInfos()
+ LimitForTesting()
+ TableSizeForTesting()
+ allocator()
- Resize()
- InitialTableLimit()
- MaxTableSize()
- CheckMemoryIsZeroed()
cppgc::internal::Compactor
+ Compactor()
+ ~Compactor()
+ Compactor()
+ operator=()
+ InitializeIfShouldCompact()
+ CancelIfShouldNotCompact()
+ CompactSpacesIfEnabled()
+ compaction_worklists()
+ EnableForNextGCForTesting()
+ IsEnabledForTesting()
- ShouldCompact()
cppgc::internal::ObjectAllocator
+ ObjectAllocator()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateUnmovableAllocationBuffers()
+ MarkAllPagesAsYoung()
- in_disallow_gc_scope()
- AllocateObjectOnSpace()
- AllocateObjectOnSpace()
- OutOfLineAllocate()
- OutOfLineAllocateGCSafePoint()
- OutOfLineAllocateImpl()
- TryRefillLinearAllocation
Buffer()
- TryRefillLinearAllocation
BufferFromFreeList()
- TryExpandAndRefillLinear
AllocationBuffer()
- GetInitialSpaceIndexForSize()