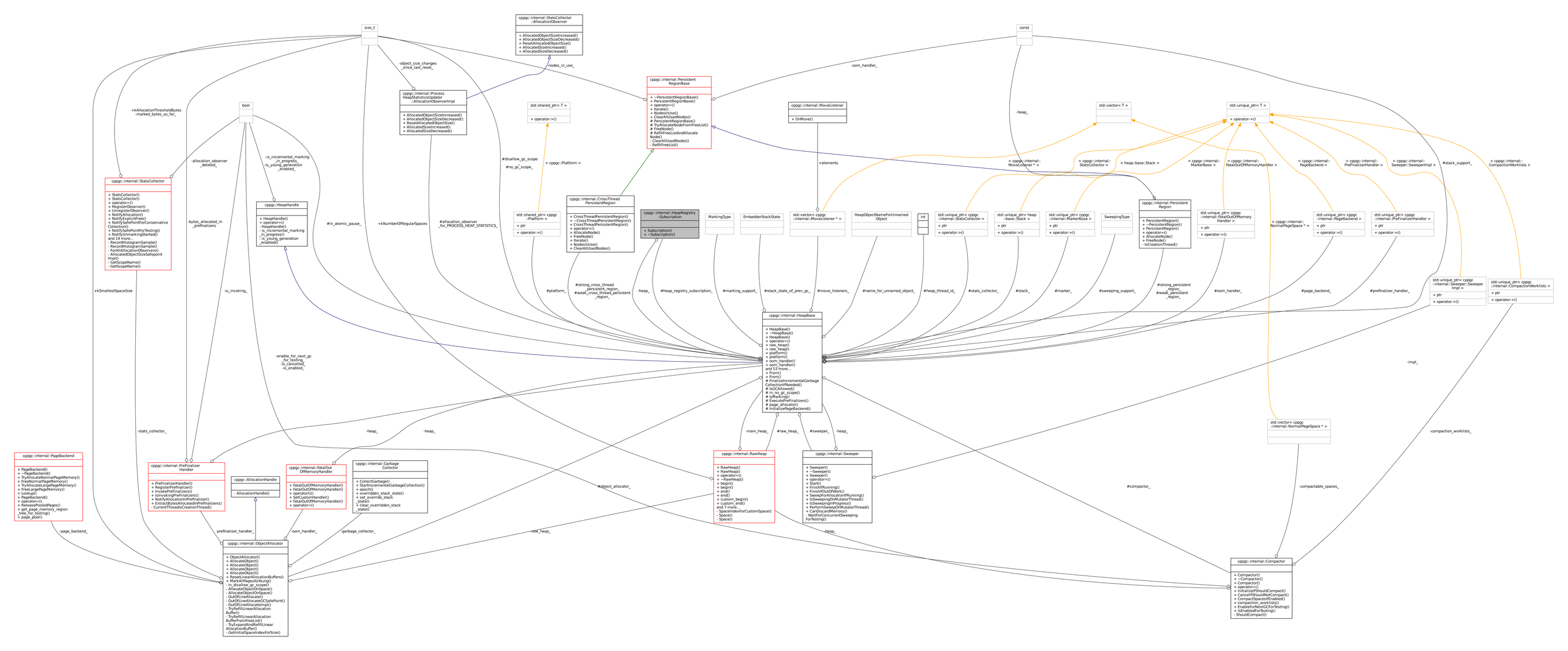
cppgc::internal::StatsCollector::AllocationObserver
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
size_t
const
bool
cppgc::internal::ProcessHeapStatisticsUpdater::AllocationObserverImpl
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
cppgc::internal::PersistentRegionBase
+ ~PersistentRegionBase()
+ PersistentRegionBase()
+ operator=()
+ Iterate()
+ NodesInUse()
+ CleanAllUsedNodes()
# PersistentRegionBase()
# TryAllocateNodeFromFreeList()
# FreeNode()
# RefillFreeListAndAllocateNode()
- CleanAllUsedNodes()
- RefillFreeList()
std::shared_ptr< T >
+ operator->()
cppgc::internal::MoveListener
+ OnMove()
std::vector< T >
std::unique_ptr< T >
+ operator->()
cppgc::internal::StatsCollector
+ StatsCollector()
+ StatsCollector()
+ operator=()
+ RegisterObserver()
+ UnregisterObserver()
+ NotifyAllocation()
+ NotifyExplicitFree()
+ NotifySafePointForConservativeCollection()
+ NotifySafePointForTesting()
+ AllocatingMarkingStarted()
and 19 more...
- RecordHistogramSample()
- RecordHistogramSample()
- ForAllAllocationObservers()
- AllocatedObjectSizeSafepointImpl()
- GetScopeName()
- GetScopeName()
cppgc::HeapHandle
+ HeapHandle()
+ operator=()
- HeapHandle()
- is_incremental_marking_in_progress()
- is_young_generation_enabled()
cppgc::internal::CrossThreadPersistentRegion
+ CrossThreadPersistentRegion()
+ ~CrossThreadPersistentRegion()
+ CrossThreadPersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
+ Iterate()
+ NodesInUse()
+ ClearAllUsedNodes()
std::shared_ptr< cppgc::Platform >
+ ptr
+ operator->()
cppgc::internal::HeapRegistry::Subscription
+ Subscription()
+ ~Subscription()
MarkingType
EmbedderStackState
std::vector< cppgc::internal::MoveListener * >
HeapObjectNameForUnnamedObject
int
std::unique_ptr< cppgc::internal::StatsCollector >
+ ptr
+ operator->()
std::unique_ptr< heap::base::Stack >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::MarkerBase >
+ ptr
+ operator->()
SweepingType
cppgc::internal::PersistentRegion
+ PersistentRegion()
+ ~PersistentRegion()
+ PersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
- IsCreationThread()
std::unique_ptr< cppgc::internal::FatalOutOfMemoryHandler >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::PageBackend >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::PreFinalizerHandler >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::Sweeper::SweeperImpl >
+ ptr
+ operator->()
std::unique_ptr< cppgc::internal::CompactionWorklists >
+ ptr
+ operator->()
cppgc::internal::HeapBase
+ HeapBase()
+ ~HeapBase()
+ HeapBase()
+ operator=()
+ stats_collector()
+ raw_heap()
+ platform()
+ platform()
+ oom_handler()
+ oom_handler()
and 53 more...
+ From()
+ From()
# FinalizeIncrementalGarbageCollectionIfNeeded()
# IsGCAllowed()
# in_no_gc_scope()
# IsMarking()
# sweep_unfinalizers()
# page_allocator()
# InitializePageBackend()
std::vector< cppgc::internal::NormalPageSpace * >
cppgc::internal::PageBackend
+ PageBackend()
+ ~PageBackend()
+ AllocateNormalPageMemory()
+ FreeNormalPageMemory()
+ TryAllocateLargePageMemory()
+ FreeLargePageMemory()
+ Lookup()
+ PageBackend()
+ operator=()
+ ReleasePooledPages()
+ get_page_memory_region_tree_for_testing()
+ page_pool()
cppgc::internal::PreFinalizerHandler
+ PreFinalizerHandler()
+ RegisterPreFinalizer()
+ InvokePreFinalizers()
+ IsInvokingPreFinalizers()
+ NotifyAllocationInPreFinalizer()
+ ExtractBytesAllocatedInPreFinalizers()
- CurrentThreadIsCreationThread()
cppgc::AllocationHandle
- AllocationHandle()
cppgc::internal::FatalOutOfMemoryHandler
+ FatalOutOfMemoryHandler()
+ FatalOutOfMemoryHandler()
+ operator()()
+ SetCustomHandler()
+ FatalOutOfMemoryHandler()
+ operator=()
cppgc::internal::GarbageCollector
+ CollectGarbage()
+ StartIncrementalGarbageCollection()
+ epoch()
+ overridden_stack_state()
+ set_override_stack_state()
+ clear_overridden_stack_state()
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ ~RawHeap()
+ begin()
+ begin()
+ end()
+ end()
+ custom_begin()
+ custom_end()
and 7 more...
- GetSpaceIndexForCustomSpace()
- Space()
- Space()
cppgc::internal::Sweeper
+ Sweeper()
+ ~Sweeper()
+ Sweeper()
+ operator=()
+ Start()
+ FinishIfRunning()
+ FinishIfOutOfWork()
+ SweepForAllocationIfRunning()
+ IsSweepingOnMutatorThread()
+ IsSweepingInProgress()
+ PerformSweepOnMutatorThread()
+ CanDiscardMemory()
- WaitForConcurrentSweepingForTesting()
cppgc::internal::ObjectAllocator
+ ObjectAllocator()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ ResetLinearAllocationBuffers()
+ MarkAllPagesAsYoung()
- In_disallow_gc_scope()
- AllocateObjectOnSpace()
- AllocateObjectOnSpace()
- OutOfLineAllocate()
- OutOfLineAllocate(GCSafePoint)
- OutOfLineAllocateImpl()
- TryRefillLinearAllocationBuffer()
- TryRefillLinearAllocationBufferFromFreeList()
- TryExpandAndRefillLinearAllocationBuffer()
- GetInitialSpaceIndexForSize()
cppgc::internal::Compactor
+ Compactor()
+ ~Compactor()
+ Compactor()
+ operator=()
+ InitializeIfShouldCompact()
+ CancelIfShouldNotCompact()
+ CompactSpacesIfEnabled()
+ compaction_worklists()
+ EnableForNextGCForTesting()
+ IsEnabledForTesting()
- ShouldCompact()
+kAllocationThresholdBytes
-marked_bytes_so_far_
-object_size_changes
_since_last_reset_
-nodes_in_use_
-oom_handler_
-heap_
+elements
#disallow_gc_scope
#no_gc_scope_
< cppgc::Platform >
< cppgc::internal::MoveListener * >
< cppgc::internal::StatsCollector >
< heap::base::Stack >
< cppgc::internal::MarkerBase >
< cppgc::internal::FatalOutOfMemoryHandler >
< cppgc::internal::PageBackend >
< cppgc::internal::PreFinalizerHandler >
< cppgc::internal::Sweeper::SweeperImpl >
#stack_support_
< cppgc::internal::CompactionWorklists >
-allocation_observer
deleted
-is_incremental_marking
_in_progress_
-is_young_generation
enabled
#in_atomic_pause_
+kNumberOfRegularSpaces
#allocation_observer
_for_PROCESS_HEAP_STATISTICS_
-bytes_allocated_in
prefinalizers
+kSmallestSpaceSize
-is_invoking_
#platform_
#strong_cross_thread
_persistent_region_
#weak_cross_thread_persistent
region
-heap_
#heap_registry_subscription_
#marking_support_
#stack_state_of_prev_gc_
#move_listeners_
#name_for_unnamed_object_
#heap_thread_id_
#stats_collector_
#stack_
#marker_
#sweeping_support_
#strong_persistent
region_
#weak_persistent
region
#oom_handler_
< cppgc::internal::NormalPageSpace * >
#page_backend_
#prefinalizer_handler_
-impl_
-enable_for_next_gc
_for_testing_
-is_cancelled_
-is_enabled_
-stats_collector_
-main_heap_
#raw_heap_
#sweeper_
#object_allocator_
#compactor_
-compactable_spaces_
-compaction_worklists_
-page_backend_
-prefinalizer_handler_
-oom_handler_
-garbage_collector_
-raw_heap_