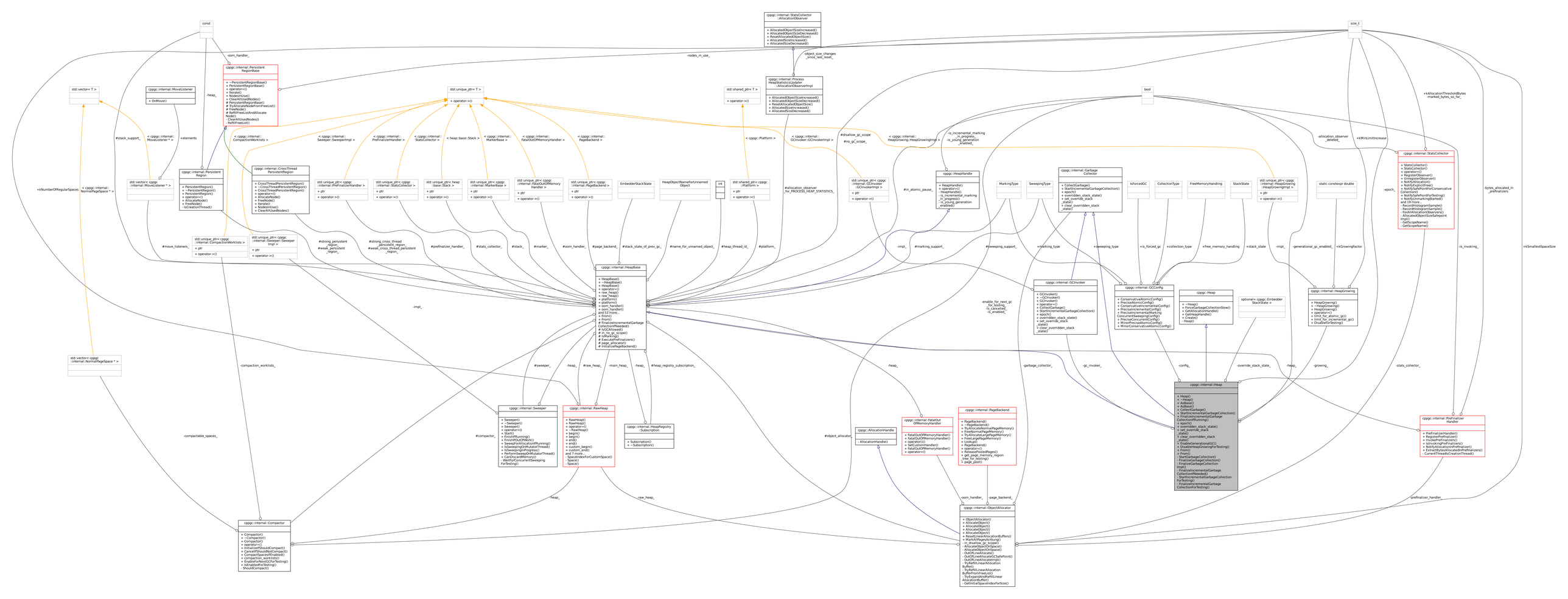
cppgc::internal::StatsCollector::AllocationObserver
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
const
size_t
bool
std::vector< T >
cppgc::internal::MoveListener
+ OnMove()
cppgc::internal::Persistent RegionBase
+ ~PersistentRegionBase()
+ PersistentRegionBase()
+ operator=()
+ Iterate()
+ NodesInUse()
+ ClearAllUsedNodes()
# PersistentRegionBase()
# RefillFreeNodeFromFreeList()
# FreeNode()
# RefillFreeListAndAllocateNode()
- ClearAllUsedNodes()
- RefillFreeList()
std::unique_ptr< T >
+ operator->()
std::shared_ptr< T >
+ operator->()
cppgc::internal::Process HeapStatisticsUpdater ::AllocationObserverImpl
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
std::vector< cppgc ::internal::MoveListener * >
cppgc::internal::Persistent Region
+ PersistentRegion()
+ ~PersistentRegion()
+ PersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
+ Iterate()
+ NodesInUse()
+ ClearAllUsedNodes()
- IsCreationThread()
cppgc::internal::CrossThread PersistentRegion
+ CrossThreadPersistentRegion()
+ ~CrossThreadPersistentRegion()
+ CrossThreadPersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
+ Iterate()
+ NodesInUse()
+ ClearAllUsedNodes()
std::unique_ptr< cppgc ::internal::PreFinalizerHandler >
+ ptr
+ operator->()
std::unique_ptr< cppgc ::internal::StatsCollector >
+ ptr
+ operator->()
std::unique_ptr< heap ::base::Stack >
+ ptr
+ operator->()
std::unique_ptr< cppgc ::internal::MarkerBase >
+ ptr
+ operator->()
std::unique_ptr< cppgc ::internal::FatalOutOfMemory Handler >
+ ptr
+ operator->()
std::unique_ptr< cppgc ::internal::PageBackend >
+ ptr
+ operator->()
EmbedderStackState
HeapObjectNameForUnnamed Object
int
std::shared_ptr< cppgc ::Platform >
+ ptr
+ operator->()
std::unique_ptr< cppgc ::internal::GCInvoker ::GCInvokerImpl >
+ ptr
+ operator->()
cppgc::internal::HeapHandle
+ HeapHandle()
+ operator=()
+ IsMarking()
- is_incremental_marking _in_progress()
- is_young_generation _enabled()
MarkingType
SweepingType
cppgc::internal::Garbage Collector
+ CollectGarbage()
+ StartIncrementalGarbageCollection()
+ epoch()
+ overridden_stack_state()
+ set_override_stack _state()
+ clear_overridden_stack _state()
IsForcedGC
CollectionType
FreeMemoryHandling
StackState
std::unique_ptr< cppgc ::internal::HeapGrowing ::HeapGrowingImpl >
+ ptr
+ operator->()
static constexpr double
cppgc::internal::StatsCollector
+ StatsCollector()
+ StatsCollector()
+ operator=()
+ RegisterObserver()
+ UnregisterObserver()
+ NotifyAllocation()
+ NotifyExplicitFree()
+ NotifySafepointForConservative Collection()
+ NotifySafepointForTesting()
+ NotifyUnmankingStarted() and 19 more...
- RecordHistogramSample()
- NotifyAllocatedMemory()
- ForAllAllocationObservers()
- AllocatedObjectSizeSafepoint Impl()
- GetScopeName()
- GetScopeName()
std::unique_ptr< cppgc ::internal::CompactionWorklists >
+ ptr
+ operator->()
std::unique_ptr< cppgc ::internal::Sweeper ::SweeperImpl >
+ ptr
+ operator->()
cppgc::internal::HeapBase
+ HeapBase()
+ ~HeapBase()
+ HeapBase()
+ operator=()
+ raw_heap()
+ raw_heap()
+ platform()
+ object_allocator()
- oom_handler()
- oom_handler()
and 53 more...
+ From()
+ From()
# FinalizeIncrementalGarbage CollectionIfNeeded()
# IsGCAllowed()
# in_no_gc_scope()
# IsGCForbidden()
# ExecutePreFinalizers()
# page_allocator()
# InitializePageBackend()
cppgc::internal::GCInvoker
+ GCInvoker()
+ ~GCInvoker()
+ GCInvoker()
+ operator=()
+ CollectGarbage()
+ StartIncrementalGarbageCollection()
+ epoch()
+ overridden_stack_state()
+ set_override_stack _state()
+ clear_overridden_stack _state()
cppgc::internal::GCConfig
+ ConservativeAtomicConfig()
+ ConservativeConfig()
+ ConservativeIncrementalConfig()
+ PreciseIncrementalConfig()
+ PreciseIncrementalMarking ConcurrentSweepingConfig()
+ MinorConservativeConfig()
+ MinorPreciseAtomicConfig()
+ MinorConservativeAtomicConfig()
cppgc::internal::Heap
+ ~Heap()
+ ForceGarbageCollectionSlow()
+ GetHeapHandle()
+ Create()
- Heap()
optional< cppgc::Embedder StackState >
cppgc::internal::HeapGrowing
+ HeapGrowing()
+ ~HeapGrowing()
+ HeapGrowing()
+ operator=()
+ limit_for_atomic_gc()
+ DisableForTestingat_gc()
+ DisableForTesting()
cppgc::internal::Heap
+ Heap()
+ ~Heap()
+ AsBase()
+ AsBase()
+ CollectGarbage()
+ StartIncrementalGarbageCollection()
+ FinalizeIncrementalGarbage CollectionIfRunning()
+ epoch()
+ overridden_stack_state()
+ set_override_stack _state()
+ clear_overridden_stack _state()
+ EnableGenerationalGC()
+ DisableHeapGrowingForTesting()
+ From()
+ From()
- BeginGarbageCollection()
- FinalizeGarbageCollection()
- StartIncrementalGarbageCollection Impl()
- FinalizeIncrementalGarbage CollectionIfNeeded()
- StartIncrementalGarbageCollection ForTesting()
- FinalizeIncrementalGarbage CollectionForTesting()
std::vector< cppgc ::internal::NormalPageSpace * >
cppgc::internal::Sweeper
+ Sweeper()
+ ~Sweeper()
+ Sweeper()
+ operator=()
+ Start()
+ FinishIfRunning()
+ FinishIfOutOfWork()
+ SweepForAllocationIfRunning()
+ NotifyDoneIfNeeded()
+ IsSweepingInProgress()
+ PerformSweepOrMutatorThread()
+ CanDiscardMemory()
+ WaitForConcurrentSweeping ForTesting()
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ begin(raw_heap())
+ begin()
+ begin()
+ end()
+ end()
+ cbegin(), cbegin()
+ custom_end()
and 7 more...
- SpaceIndexForCustomSpace()
- Space()
- Space()
cppgc::internal::HeapRegistry ::Subscription
+ Subscription()
+ ~Subscription()
cppgc::AllocationHandle
- AllocationHandle()
cppgc::internal::FatalOut OfMemoryHandler
+ FatalOutOfMemoryHandler()
+ FatalOutOfMemoryHandler()
+ operator()()
+ SetCustomHandler()
+ FatalOutOfMemoryHandler()
+ operator()()
cppgc::internal::PageBackend
+ PageBackend()
+ ~PageBackend()
+ TryAllocateNormalPageMemory()
+ FreeNormalPageMemory()
+ TryAllocateLargePageMemory()
+ FreeLargePageMemory()
+ Lookup()
+ PageBackend()
+ operator=()
+ ReleasePooledPages()
+ ZapMemory(memory_region ,size_for_testing)
+ page_pool()
cppgc::internal::ObjectAllocator
+ ObjectAllocator()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ ResetLinearAllocationBuffers()
+ MarkAllPagesAsYoung()
- in_disallow_gc_scope()
- AllocateObjectOnSpace()
- OutOfLineAllocate(size)
- OutOfLineAllocate()
- OutOfLineAllocateGCSafePoint()
- OutOfLineAllocateImpl()
- TryRefillLinearAllocation Buffer()
- TryRefillLinearAllocation BufferFromFreeList()
- TryExpandAndRefillLinear AllocationBuffer()
- GetInitialSpaceIndexForSize()
cppgc::internal::Compactor
+ Compactor()
+ ~Compactor()
+ Compactor()
+ operator=()
+ InitializeIfShouldCompact()
+ CancelIfShouldNotCompact()
+ CompactSpacesIfEnabled()
+ EnableForNextGCForTesting()
+ EnableForNextGCForTesting()
+ IsEnabledForTesting()
- ShouldCompact()
cppgc::internal::PreFinalizer Handler
+ PreFinalizerHandler()
+ RegisterPreFinalizer()
+ InvokePreFinalizers()
+ IsInvokingPreFinalizers()
+ ExtractBytesAllocatedInPreFinalizers()
- ExtractBytesAllocatedInPreFinalizers()
- CurrentThreadIsCreationThread()
-oom_handler_
-nodes_in_use_
-object_size_changes _since_last_reset_
+AllocationThresholdBytes
-marked_bytes_so_far_
-heap_
#stack_support_
< cppgc::internal:: MoveListener * >
+elements
< cppgc::internal:: CompactionWorklists >
< cppgc::internal:: Sweeper::SweeperImpl >
< cppgc::internal:: PreFinalizerHandler >
< cppgc::internal:: StatsCollector >
< heap::base::Stack >
< cppgc::internal:: MarkerBase >
< cppgc::internal:: FatalOutOfMemoryHandler >
< cppgc::internal:: PageBackend >
< cppgc::Platform >
< cppgc::internal:: GCInvoker::GCInvokerImpl >
#disallow_gc_scope
#no_gc_scope_
< cppgc::internal:: HeapGrowing::HeapGrowingImpl >
-is_incremental_marking _in_progress_
-is_young_generation _enabled_
-allocation_observer _Deleted_
+kMinLimitIncrease
#allocation_observer _for_PROCESS_HEAP_STATISTICS_
#in_atomic_pause_
-epoch_
+kNumberOfRegularSpaces
< cppgc::internal: NormalPageSpace * >
#move_listeners_
#strong_persistent _region_
#weak_persistent _region_
#strong_cross_thread _persistent_region_
#weak_cross_thread_persistent _region_
#prefinalizer_handler_
#stats_collector_
#stack_
#marker_
#oom_handler_
#page_backend_
#stack_state_of_prev_gc_
#name_for_unnamed_object_
#heap_thread_id_
#platform_
-impl_
#marking_support_
#sweeping_support_
+marking_type
+sweeping_type
+is_forced_gc
+collection_type
+free_memory_handling
+stack_state
-impl_
-generational_gc_enabled_
+kGrowingFactor
-is_invoking_
+kSmallestSpaceSize
bytes_allocated_in _prefinalizers
-impl_
-enable_for_next_gc _for_testing_
-is_cancelled_
-is_enabled_
-compaction_worklists_
#sweeper_
-heap_
#raw_heap_
-main_heap_
-heap_
#heap_registry_subscription_
-heap_
-garbage_collector_
-gc_invoker_
-config_
-override_stack_state_
-heap_
-growing_
-stats_collector_
-compactable_spaces_
#compactor_
#object_allocator_
-heap_
-raw_heap_
-oom_handler_
-page_backend_
-prefinalizer_handler_