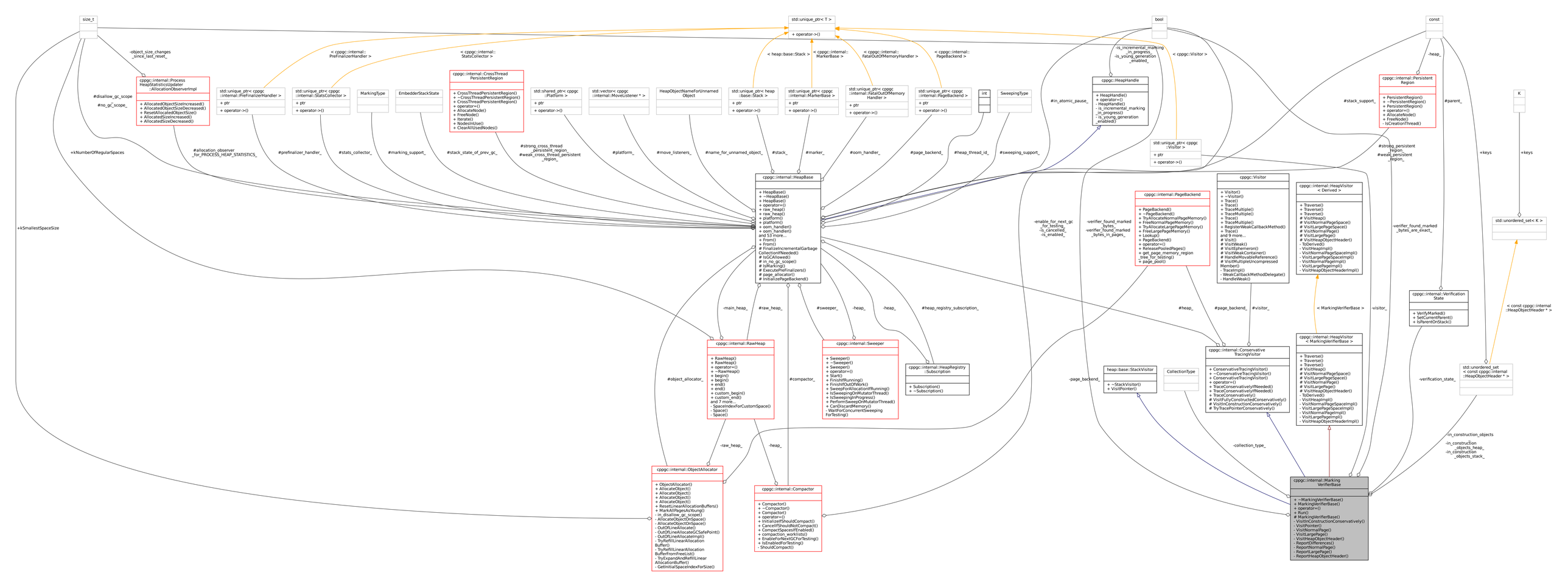
size_t
std::unique_ptr< T >
+ operator->()
bool
const
-object_size_changes
_since_last_reset_
< cppgc::internal::
PreFinalizerHandler >
< cppgc::internal::
StatsCollector >
< heap::base::Stack >
< cppgc::internal::
MarkerBase >
< cppgc::internal::
FatalOutOfMemoryHandler >
< cppgc::internal::
PageBackend >
-is_incremental_marking
_in_progress_
-is_young_generation
enabled
< cppgc::Visitor >
-heap_
cppgc::internal::Process
HeapStatisticsUpdater
::AllocationObserverImpl
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
std::unique_ptr< cppgc
::internal::PreFinalizerHandler >
+ ptr
+ operator->()
std::unique_ptr< cppgc
::internal::StatsCollector >
+ ptr
+ operator->()
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< 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->()
int
SweepingType
cppgc::HeapHandle
+ HeapHandle()
+ operator=()
- HeapHandle()
- is_incremental_marking
_in_progress()
- is_young_generation
_enabled()
cppgc::internal::Persistent
Region
+ PersistentRegion()
+ ~PersistentRegion()
+ PersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
- IsCreationThread()
K
std::unique_ptr< cppgc
::Visitor >
+ ptr
+ operator->()
-object_size_changes
_since_last_reset_
#disallow_gc_scope
#no_gc_scope_
+kNumberOfRegularSpaces
#allocation_observer
_for_PROCESS_HEAP_STATISTICS_
#prefinalizer_handler_
#stats_collector_
#marking_support_
#stack_state_of_prev_gc_
#strong_cross_thread
_persistent_region_
#weak_cross_thread_persistent
region
#platform_
#move_listeners_
#name_for_unnamed_object_
#stack_
#marker_
#oom_handler_
#page_backend_
#heap_thread_id_
#sweeping_support_
#in_atomic_pause_
#stack_support_
#parent_
#strong_persistent
region
#weak_persistent
region
+keys
+keys
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()
+kSmallestSpaceSize
-enable_for_next_gc
_for_testing_
-is_cancelled_
-is_enabled_
-verifier_found_marked
bytes
-verifier_found_marked
_bytes_in_pages_
-verifier_found_marked
_bytes_are_exact_
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()
# VisitMultipleUncompressed
Member()
- TraceImpl()
- WeakCallbackMethodDelegate()
- HandleWeak()
cppgc::internal::HeapVisitor
< Derived >
+ Traverse()
+ Traverse()
+ Traverse()
# VisitHeap()
# VisitNormalPageSpace()
# VisitLargePageSpace()
# VisitNormalPage()
# VisitLargePage()
# VisitHeapObjectHeader()
- ToDerived()
- VisitHeapImpl()
- VisitNormalPageSpaceImpl()
- VisitLargePageSpaceImpl()
- VisitNormalPageImpl()
- VisitLargePageImpl()
- VisitHeapObjectHeaderImpl()
std::unordered_set< K >
cppgc::internal::Verification
State
+ VerifyMarked()
+ SetCurrentParent()
+ IsParentOrStack()
< const cppgc::internal
::HeapObjectHeader * >
-main_heap_
#raw_heap_
#sweeper_
-heap_
-heap_
#heap_registry_subscription_
#heap_
#page_backend_
#visitor_
< MarkingVerifierBase >
-visitor_
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ ~RawHeap()
+ begin()
+ begin()
+ end()
+ end()
+ custom_begin()
+ custom_end()
and 7 more...
- SpaceIndexForCustomSpace()
- Space()
- Space()
cppgc::internal::Sweeper
+ Sweeper()
+ ~Sweeper()
+ Sweeper()
+ operator=()
+ Start()
+ FinishIfRunning()
+ FinishIfOutOfWork()
+ SweepForAllocationIfRunning()
+ IsSweepingOnMutatorThread()
+ IsSweepingInProgress()
+ PerformSweepOnMutatorThread()
+ CanDiscardMemory()
- WaitForConcurrentSweeping
ForTesting()
cppgc::internal::HeapRegistry
::Subscription
+ Subscription()
+ ~Subscription()
cppgc::internal::Conservative
TracingVisitor
+ ConservativeTracingVisitor()
+ ~ConservativeTracingVisitor()
+ ConservativeTracingVisitor()
+ operator=()
+ TraceConservativelyIfNeeded()
+ TraceConservativelyIfNeeded()
+ TraceConservatively()
# VisitFullyConstructedConservatively()
# VisitInConstructionConservatively()
# TryTracePointerConservatively()
heap::base::StackVisitor
+ ~StackVisitor()
+ VisitPointer()
CollectionType
cppgc::internal::HeapVisitor
< MarkingVerifierBase >
+ Traverse()
+ Traverse()
+ Traverse()
# VisitHeap()
# VisitNormalPageSpace()
# VisitLargePageSpace()
# VisitNormalPage()
# VisitLargePage()
# VisitHeapObjectHeader()
- ToDerived()
- VisitHeapImpl()
- VisitNormalPageSpaceImpl()
- VisitLargePageSpaceImpl()
- VisitNormalPageImpl()
- VisitLargePageImpl()
- VisitHeapObjectHeaderImpl()
std::unordered_set
< const cppgc::internal
::HeapObjectHeader * >
-verification_state_
-page_backend_
-collection_type_
#object_allocator_
#compactor_
-raw_heap_
-heap_
cppgc::internal::ObjectAllocator
+ ObjectAllocator()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ ResetLinearAllocationBuffers()
+ MarkAllPagesAsYoung()
- in_disallow_gc_scope()
- AllocateObjectOnSpace()
- AllocateObjectOnSpace()
- OutOfLineAllocate()
- OutOfLineAllocateGCSafePoint()
- OutOfLineAllocateImpl()
- TryRefillLinearAllocation
Buffer()
- TryRefillLinearAllocation
BufferFromFreeList()
- TryExpandAndRefillLinear
AllocationBuffer()
- GetInitialSpaceIndexForSize()
cppgc::internal::Compactor
+ Compactor()
+ ~Compactor()
+ Compactor()
+ operator=()
+ InitializeIfShouldCompact()
+ CancelIfShouldNotCompact()
+ CompactSpacesIfEnabled()
+ compaction_worklists()
+ EnableForNextGCForTesting()
+ IsEnabledForTesting()
- ShouldCompact()
cppgc::internal::MarkingVerifierBase
+ ~MarkingVerifierBase()
+ MarkingVerifierBase()
+ operator=()
+ Run()
# MarkingVerifierBase()
- VisitInConstructionConservatively()
- VisitPointer()
- VisitNormalPage()
- VisitLargePage()
- VisitHeapObjectHeader()
- ReportDifferences()
- ReportNormalPage()
- ReportLargePage()
- ReportHeapObjectHeaderI()
-in_construction_objects
-in_construction
_objects_heap_
-in_construction
_objects_stack_