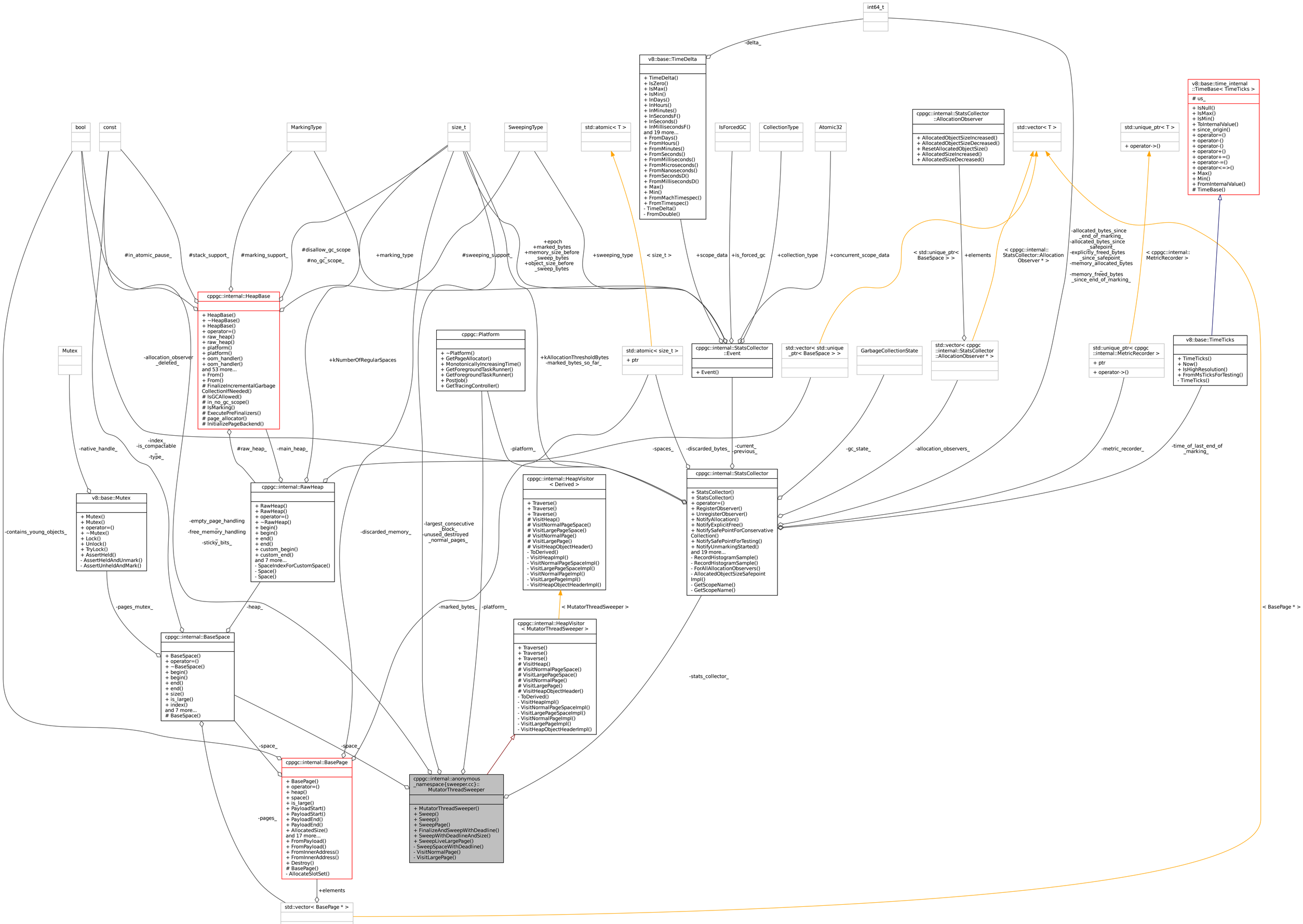
int64_t
-delta_
v8::base::TimeDelta
+ TimeDelta()
+ IsZero()
+ IsMax()
+ IsMin()
+ InDays()
+ InHours()
+ InMinutes()
+ InSecondsF()
+ InSeconds()
+ InMillisecondsF()
and 19 more...
+ FromDays()
+ FromHours()
+ FromMinutes()
+ FromSeconds()
+ FromMilliseconds()
+ FromMicroseconds()
+ FromNanoseconds()
+ FromSecondsD()
+ FromMillisecondsD()
+ Max()
+ Min()
+ FromMachTimespec()
+ FromTimespec()
- TimeDelta()
- FromDouble()
bool
const
MarkingType
size_t
SweepingType
std::atomic< T >
IsForcedGC
CollectionType
Atomic32
cppgc::internal::StatsCollector
::AllocationObserver
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ ResetAllocatedObjectSize()
+ AllocatedSizeIncreased()
+ AllocatedSizeDecreased()
std::vector< T >
std::unique_ptr< T >
+ operator->()
v8::base::time_internal
::TimeBase< TimeTicks >
us_
+ IsNull()
+ IsMax()
+ IsMin()
+ ToInternalValue()
+ since_origin()
+ operator=()
+ operator-()
+ operator-()
+ operator+()
+ operator+=()
+ operator-=()
+ operator<=>()
+ Max()
+ Min()
+ FromInternalValue()
# TimeBase()
#in_atomic_pause_
#stack_support_
#marking_support_
#disallow_gc_scope
_
#no_gc_scope_
+marking_type
#sweeping_support_
+epoch
+marked_bytes
+memory_size_before
_sweep_bytes
+object_size_before
_sweep_bytes
+sweeping_type
< size_t >
+scope_data
+is_forced_gc
+collection_type
+concurrent_scope_data
< std::unique_ptr<
BaseSpace > >
+elements
< cppgc::internal::
StatsCollector::Allocation
Observer * >
-allocated_bytes_since
_end_of_marking_
-allocated_bytes_since
safepoint
-explicitly_freed_bytes
_since_safepoint_
-memory_allocated_bytes
-memory_freed_bytes
_since_end_of_marking_
< cppgc::internal::
MetricRecorder >
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::Platform
+ ~Platform()
+ GetPageAllocator()
+ MonotonicallyIncreasingTime()
+ GetForegroundTaskRunner()
+ GetForegroundTaskRunner()
+ PostJob()
+ GetTracingController()
std::atomic< size_t >
+ ptr
cppgc::internal::StatsCollector
::Event
+ Event()
std::vector< std::unique
_ptr< BaseSpace > >
GarbageCollectionState
std::vector< cppgc
::internal::StatsCollector
::AllocationObserver * >
std::unique_ptr< cppgc
::internal::MetricRecorder >
+ ptr
+ operator->()
v8::base::TimeTicks
+ TimeTicks()
+ Now()
+ IsHighResolution()
+ FromMsTicksForTesting()
- TimeTicks()
Mutex
-allocation_observer
deleted
+kNumberOfRegularSpaces
+kAllocationThresholdBytes
-marked_bytes_so_far_
-native_handle_
-index_
-is_compactable
-type_
#raw_heap_
-main_heap_
-platform_
-spaces_
-discarded_bytes_
-current_
-previous_
-gc_state_
-allocation_observers_
-metric_recorder_
-time_of_last_end_of
marking
v8::base::Mutex
+ Mutex()
+ Mutex()
+ operator=()
+ ~Mutex()
+ Lock()
+ Unlock()
+ TryLock()
+ AssertHeld()
- AssertHeldAndUnmark()
- AssertUnheldAndMark()
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ ~RawHeap()
+ begin()
+ begin()
+ end()
+ end()
+ custom_begin()
+ custom_end()
and 7 more...
- SpaceIndexForCustomSpace()
- Space()
- Space()
cppgc::internal::HeapVisitor
< Derived >
+ Traverse()
+ Traverse()
+ Traverse()
# VisitHeap()
# VisitNormalPageSpace()
# VisitLargePageSpace()
# VisitNormalPage()
# VisitLargePage()
# VisitHeapObjectHeader()
- ToDerived()
- VisitHeapImpl()
- VisitNormalPageSpaceImpl()
- VisitLargePageSpaceImpl()
- VisitNormalPageImpl()
- VisitLargePageImpl()
- VisitHeapObjectHeaderImpl()
cppgc::internal::StatsCollector
+ StatsCollector()
+ StatsCollector()
+ operator=()
+ RegisterObserver()
+ UnregisterObserver()
+ NotifyAllocation()
+ NotifyExplicitFree()
+ NotifySafePointForConservative
Collection()
+ NotifySafePointForTesting()
+ NotifyUnmarkingStarted()
and 19 more...
- RecordHistogramSample()
- RecordHistogramSample()
- ForAllAllocationObservers()
- AllocatedObjectSizeSafepoint
Impl()
- GetScopeName()
- GetScopeName()
-empty_page_handling
-free_memory_handling
-sticky_bits_
-contains_young_objects_
-discarded_memory_
-largest_consecutive
block
-unused_destroyed
_normal_pages_
-pages_mutex_
-heap_
-marked_bytes_
-platform_
< MutatorThreadSweeper >
< BasePage * >
cppgc::internal::HeapVisitor
< MutatorThreadSweeper >
+ Traverse()
+ Traverse()
+ Traverse()
# VisitHeap()
# VisitNormalPageSpace()
# VisitLargePageSpace()
# VisitNormalPage()
# VisitLargePage()
# VisitHeapObjectHeader()
- ToDerived()
- VisitHeapImpl()
- VisitNormalPageSpaceImpl()
- VisitLargePageSpaceImpl()
- VisitNormalPageImpl()
- VisitLargePageImpl()
- VisitHeapObjectHeaderImpl()
-stats_collector_
cppgc::internal::BaseSpace
+ BaseSpace()
+ operator=()
+ ~BaseSpace()
+ begin()
+ begin()
+ end()
+ end()
+ size()
+ is_large()
+ index()
and 7 more...
BaseSpace()
-space_
-space_
cppgc::internal::BasePage
+ BasePage()
+ operator=()
+ heap()
+ space()
+ is_large()
+ PayloadStart()
+ PayloadStart()
+ PayloadEnd()
+ PayloadEnd()
+ AllocatedSize()
and 17 more...
+ FromPayload()
+ FromPayload()
+ FromInnerAddress()
+ FromInnerAddress()
+ Destroy()
# BasePage()
- AllocateSlotSet()
-pages_
cppgc::internal::anonymous
_namespace{sweeper.cc}::
MutatorThreadSweeper
+ MutatorThreadSweeper()
+ Sweep()
+ Sweep()
+ SweepPage()
+ FinalizeAndSweepWithDeadline()
+ SweepWithDeadlineAndSize()
+ SweepLiveLargePage()
- SweepSpaceWithDeadline()
- VisitNormalPage()
- VisitLargePage()
+elements
std::vector< BasePage * >