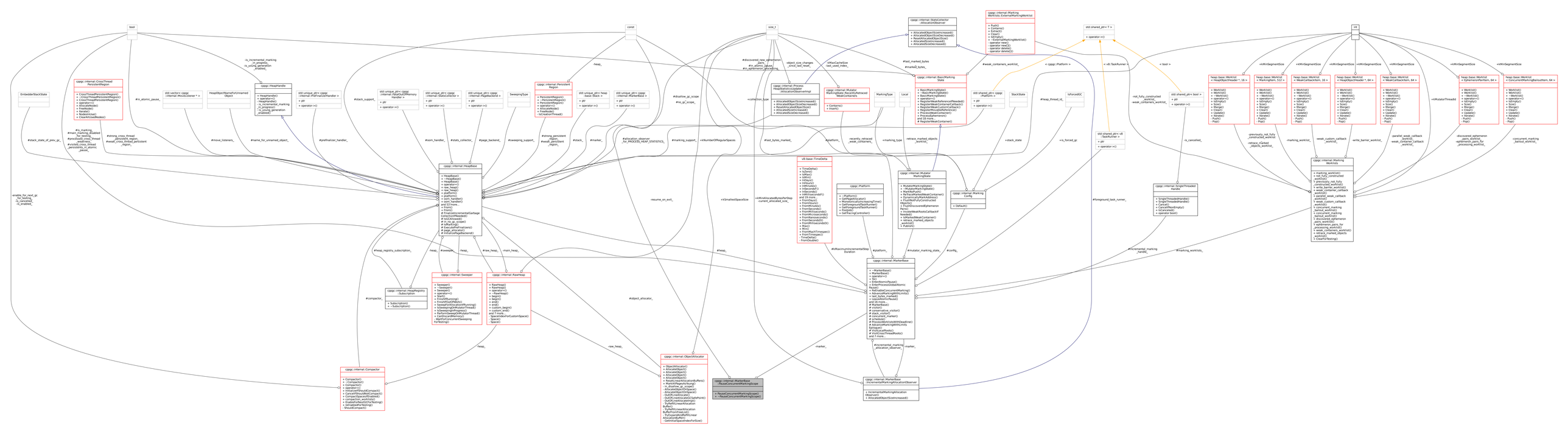
bool
const
size_t
int
EmbedderStackState
cppgc::internal::CrossThreadPersistentRegion
+ CrossThreadPersistentRegion()
+ ~CrossThreadPersistentRegion()
+ CrossThreadPersistentRegion()
+ operator=()
+ PersistentNode()
+ FreeNode()
+ Iterate()
+ EnsureNodes()
+ ClearAllUsedNodes()
std::vector< cppgc::internal::MoveListener * >
+ push_back()
HeapObjectNameForUnnamedObject
cppgc::HeapHandle
+ HeapHandle()
+ operator=()
- HeapHandle()
- is_incremental_marking_in_progress_
- is_young_generation_enabled_
std::unique_ptr< cppgc::internal::PrefinalizerHandler >
+ ptr()
+ operator->()
std::unique_ptr< cppgc::internal::StatsCollector >
+ ptr()
+ operator->()
std::unique_ptr< cppgc::internal::PageBackend >
+ ptr()
+ operator->()
SweepingType
cppgc::internal::PersistentRegion
+ PersistentRegion()
+ ~PersistentRegion()
+ PersistentRegion()
+ operator=()
+ AllocateNode()
+ FreeNode()
+ IsCrossThread()
std::unique_ptr< heap::base::Stack >
+ ptr()
+ operator->()
std::unique_ptr< cppgc::internal::MarkerBase >
+ ptr()
+ operator->()
cppgc::internal::ProcessHeapStatisticsUpdater
/AllocationObserverImpl
+ AllocateObject(size_t inner_heap_id, size_t type_index, size_t size)
+ AllocateObject(size_t inner_heap_id, size_t type_index, size_t size, size_t alignment)
+ AllocateUnmovableObject(size_t inner_heap_id, size_t type_index, size_t size)
+ AllocateUnmovableObject(size_t inner_heap_id, size_t type_index, size_t size, size_t alignment)
cppgc::internal::Mutator MarkingState::RecursivelyRetraceWeakContainers
+ Contains()
+ Insert()
cppgc::internal::BasicMarkingState
+ BasicMarkingState()
+ ~BasicMarkingState()
+ BasicMarkingState()
+ operator=()
+ RegisterWeakReferenceIfNeeded()
+ RegisterWeakContainerCallback()
+ RegisterWeakCustomCallback()
+ RegisterWeakReferenceIfNeeded()
+ ProcessWeakContainer()
+ ProcessWeakCustomCallbacks()
and 18 more...
RegisterWeakContainer()
cppgc::internal::StatsCollector /AllocationObserver
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
+ AllocatedObjectSizeIncreased()
+ AllocatedObjectSizeDecreased()
cppgc::internal::Marking Worklists::ExternalMarkingWorklist
+ Push()
+ Contains()
+ Extract()
+ Clear()
+ IsEmpty()
- ~ExternalMarkingWorklist()
operator new()
operator new[]()
operator delete()
operator delete[]()
std::shared_ptr< T >
+ operator =()
std::shared_ptr< cppgc::Platform >
+ ptr()
+ operator->()
std::shared_ptr< v8::TaskRunner >
+ ptr()
+ operator->()
std::shared_ptr< bool >
+ ptr()
+ operator->()
heap::base::Worklist < HeapObjectHeader * , 16 >
heap::base::Worklist < MarkingItem , 512 >
heap::base::Worklist < WeakCallbackItem , 16 >
heap::base::Worklist < HeapObjectHeader * , 64 >
heap::base::Worklist < WeakCallbackItem , 64 >
heap::base::Worklist < EphemeronItem , 64 >
heap::base::Worklist < ConcurrentMarkingGlobalItem , 64 >
+ Worklist()
+ Worklist()
- ~Worklist()
+ IsEmpty()
+ IsGlobalEmpty()
+ Size()
+ GlobalSize()
+ Clear()
+ Update()
+ UpdateGlobal()
- Push()
- Pop()
+ MinIndexSize()
+ MutatorThreadId
-object_size_changes_since_last_reset_
-in_atomic_pause_
-in_ephemeron_processing_
-discovered_new_ephemeron_pairs_
-bytes_allocated_since_last_reset_
+ManCacheSize
-last_used_index_
+last_marked_bytes
+marked_bytes_
-heap_
-stack_support_
-is_incremental_marking
-is_young_generation
-enabled_
-in_atomic_pause_
-is_marking_
-marking_type_initialized
-is_enabled
-strong_cross_thread_persistent_region_
-weak_cross_thread_persistent_region_
-move_listeners_
-name_for_unnamed_object_
-prefinalizer_handler_
-num_handler_
-stats_collector_
-page_backend_
-sweeping_support_
-strong_persistent_region_
-weak_persistent_region_
-stack_
-marker_
-allocation_observer_for_PROCESS_HEAP_STATISTICS_
-marking_support_
-NumberOfRegularSpaces
-disallow_gc_scope_
-no_gc_scope_
-collection_type_
-platform_
-recently_retraced_weak_containers_
+marking_type
-retrace_marked_objects_worklist_
-stack_state
-is_forced_gc
-heap_thread_id_
-not_fully_constructed_worklist_
-weak_containers_worklist_
-is_cancelled_
-previously_not_fully_constructed_worklist_
-retrace_marked_objects_worklist_
-marking_worklist_
-weak_custom_callback_worklist_
-write_barrier_worklist_
-parallel_weak_callback_worklist_
-weak_listener_callback_worklist_
-discovered_ephemeron_pairs_worklist_
-ephemeron_pairs_for_processing_worklist_
-concurrent_marking_bailout_worklist_
-enable_for_next_gc_for_testing_
-is_canceled_
-is_enabled_
cppgc::internal::HeapBase
+ HeapBase()
+ ~HeapBase()
+ HeapBase()
+ operator=()
+ ~HeapBase()
+ raw_heap()
+ Lock()
+ platform()
+ object_allocator()
+ stats_collector()
+ sweeper()
+ oom_handler()
and 53 more...
HeapBase()
Finalize()
FinalizeIncrementalGarbageCollectiveIfNeeded()
IsGCAllowed()
in_no_gc_scope()
IsGCForbidden()
ExecutePreFinalizers()
page_allocator()
InitializePageBackend()
v8::base::TimeDelta
+ TimeDelta()
+ IsZero()
+ IsMax()
+ IsMin()
+ IsInfinite()
+ InDay()
+ InHours()
+ InMinutes()
+ InSecondsF()
+ InSeconds()
+ InMilliseconds()
and 19 more...
+ FromDays()
+ FromHours()
+ FromMinutes()
+ FromSeconds()
+ FromMilliseconds()
+ FromMicroseconds()
+ FromNanoseconds()
+ FromSecondsD()
+ FromMilliseconds()
+ Max()
+ Min()
+ FromMacTimeInt()
+ ToMacTimeInt()
- TimeDelta()
- FromDouble()
cppgc::internal::Platform
+ ~Platform()
+ GetPageAllocator()
+ MonotonicallyIncreasingTime()
+ GetForegroundTaskRunner()
+ PostJob(std::unique_ptr<v8::JobTask>)
+ GetTracingController()
cppgc::internal::Mutator MarkingState
+ MutatorMarkingState()
+ ~MutatorMarkingState()
+ MutatorMarkingState()
+ RetraceMarkedWeakContainer()
+ DynamicallyMarkAddress()
+ AllocatedOrFullyConstructed(HeapObjectHeader *)
+ FlushDiscoveredEphemeron Pairs()
+ InvokeWeakRootsCallbacksIf Needed()
+ RetraceMarkedWeakContainer()
+ retrace_marked_objects_worklist()
+ Publish()
cppgc::internal::Marking Config
+ Default()
cppgc::internal::SingleThreaded Handle
+ SingleThreadedHandle()
+ SingleThreadedHandle()
+ Cancel()
+ CancelIfNotEmpty()
+ IsCanceled()
+ operator bool()
cppgc::internal::Marking Worklists
+ marking_worklist()
+ not_fully_constructed_worklist()
+ previously_not_fully_constructed_worklist()
+ write_barrier_worklist()
+ weak_callback_worklist()
+ parallel_weak_callback_worklist()
+ weak_custom_callback_worklist()
+ concurrent_marking_bailout_worklist()
+ discovered_ephemeron_pairs_worklist()
+ ephemeron_pairs_for_processing_worklist()
+ weak_containers_worklist()
+ retrace_marked_objects_worklist()
+ Publish()
+ ClearForTesting()
-enable_for_next_gc_for_testing_
-is_canceled_
-is_enabled_
-heap_registry_subscription_
-heap_
-sweeper_
-heap_
-raw_heap_
-main_heap_
+heap_
+kSmallestSpaceSize
+kMinAllocatedBytesPerStep
-current_allocated_size_
-resume_on_exit_
+kMaximumIncrementalStepDuration
+platform_
+mutator_marking_state_
+config_
+foreground_task_runner_
+incremental_marking_handle_
+marking_worklists_
cppgc::internal::HeapRegistry::Subscription
+ Subscription()
+ ~Subscription()
cppgc::internal::Sweeper
+ ~Sweeper()
+ Sweeper()
+ operator=()
+ Start()
+ FinishIfRunning()
+ NotifyDoneIfNeeded()
+ SweepForAllocationIfRunning()
+ IsSweepingOnMutatorThread()
+ IncrementalSweepStep()
+ PerformSweepOnMutatorThread()
+ CancelIncrementalSweeping()
+ WaitUntilCurrentSweeping ForTesting()
cppgc::internal::RawHeap
+ RawHeap()
+ RawHeap()
+ operator=()
+ begin()
+ begin()
+ end()
+ end()
+ custom_begin()
+ custom_end()
and 7 more...
- SpaceIndexForCustomSpace()
- Size()
- Space()
cppgc::internal::MarkerBase
+ ~MarkerBase()
+ MarkerBase()
+ operator=()
+ Stop()
+ EnterAtomicPause()
+ LeaveAtomicPause()
+ ProcessPhasesGlobalAtomic Pause()
+ ReEnableConcurrentMarking()
+ AdvanceMarkingWithLimits()
+ Set_bytes_marked()
+ LeaveAtomicPause()
+ Publish()
# MarkerBase()
# visitor()
# weak_visitor_visitor()
# stats_visitor()
# concurrent_marker()
# EnterPause()
# ProcessWorklistsWithDeadline()
# AdvanceMarkingWithLimits()
# AddRoots()
# VisitLocalRoots()
# VisitCrossThreadRoots()
and 7 more...
-object_allocator_
-heap_
-raw_heap_
-marker_
-marker_
+incremental_marking_allocation_observer_
cppgc::internal::Compactor
+ Compactor()
+ ~Compactor()
+ Compactor()
+ operator=()
+ InitializeIfShouldCompact()
+ CancelIfShouldNotCompact()
+ EnableIfShouldCompact()
+ compaction_worklists()
+ EnableForNextGCForTesting()
+ CancelForTesting()
- ShouldCompact()
cppgc::internal::ObjectAllocator
+ ObjectAllocator()
+ AllocateObject()
+ AllocateObject()
+ AllocateObject()
+ AllocateObjectOn()
+ ResetLinearAllocationBuffers()
+ MarkAllPagesAsYoung()
+ AllocateFromFreeList()
+ AllocateObjectOnSpace()
+ AllocateObjectOnSpace()
+ OutOfLineAllocate()
+ OutOfLineAllocateImpl()
+ OutOfLineAllocateGCSafePoint()
+ OutOfLineAllocateImpl()
+ AllocateLinearAllocation Buffer()
- TryRefillLinearAllocation Buffer()
- TryExpandAndRefillLinear AllocationBuffer()
- GetFirstSpaceIndexForSize()
cppgc::internal::MarkerBase /PauseConcurrentMarkingScope
+ PauseConcurrentMarkingScope()
+ ~PauseConcurrentMarkingScope()
cppgc::internal::MarkerBase /IncrementalMarkingAllocationObserver
+ IncrementalMarkingAllocation Observer()
+ AllocatedObjectSizeIncreased()