number of categories # last_category # min_block_size_ # categories_ # available # wasted bytes_ + FreeList() + ~FreeList() + Free() + Allocate() + GetPageForSize() + Reset() + ResetForNonBlackAllocated Pages() + Available() + IncreaseAvailableBytes() + DecreaseAvailableBytes() and 14 more.. + CreateFreeList() + CreateFreeListForNewSpace() # VerifyAvailable() # TryFindNodeIn() # SearchForNodeInList() # SelectFreeListCategoryType() # top() # GetPageForCategoryType() v8::internal::FreeListMany # kMinBlockSize # kMaxBlockSize # kPreciseCategoryMaxSize # kNumberOfCategories # categories_min + GetPageForSize() + FreeListMany() + ~FreeListMany() + Allocate() # SelectFreeListCategoryType() # FRIEND_TEST() # FRIEND_TEST() Д v8::internal::FreeListMany Cached # next_nonempty_category + FreeListManyCached() + Allocate() + Free() + Reset() + ResetForNonBlackAllocated Pages() + AddCategory() + RemoveCategory() # UpdateCacheAfterAddition() # UpdateCacheAfterRemoval() ResetCache() Δ v8::internal::FreeListMany CachedFastPathBase # kFastPathFirstCategory # kFastPathStart # kTinyObjectMaxSize # kFastPathOffset # kFastPathFallBackTiny small_blocks_mode_ + FreeListManyCachedFastPath + Allocate() # SelectFastAllocationFree ListCategoryType() - FRIENĎ_TÉSŤ() v8::internal::FreeListMany v8::internal::FreeListMany CachedFastPathForNewSpace CachedFastPath + FreeListManyCachedFastPath

ForNewSpace()

+ FreeListManyCachedFastPath()

v8::internal::FreeList