

DRLVM Documentation Interfaces Classification

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Intercomponent interfaces

Component manager

CM generic

vm/include/component_manager.h

vm/include/open/compmgr.h

VM Core

VM common

vm/include/open/vm.h

vm/include/open/bytecodes.h

vm/include/open/common.h

vm/include/open/vm_util.h

vm/include/slot.h

vm/include/open/types.h

VM_JIT

vm/include/jit_import.h

vm/include/jit_import_rt.h

vm/include/jit_runtime_support.h

VM_Interpreter

vm/include/interpreter_imports.h

VM_GC

vm/include/open/vm_gc.h

VM_Thread

vm/include/open/threadexternals.h

JNI

vm/include/jni_types.h

vm/include/jni.h

JVMTI

vm/include/jvmti.h

vm/include/jvmti_support.h

vm/include/jvmti_types.h

Kernel classes

vm/include/open/vm_kernel_classes.h

Execution manager

EM Generic

vm/include/em_intf.h

vm/include/jit_intf.h

vm/include/open/em.h

vm/include/open/em_profile_access.h

EM_VM

vm/include/open/em_vm.h

Thread manager

TM_VM

vm/include/open/jthread.h

vm/include/open/ti_thread.h

TM_GC

vm/include/open/hycomp.h

vm/include/open/hythread.h

vm/include/open/hythread_ext.h

Thread helpers

vm/include/open/thread_helpers.h

Garbage collector

GC

vm/include/open/gc.h

Execution engine

JIT_VM

vm/include/internal_jit_intf.h

vm/include/open/ee_em_intf.h

Interpreter

vm/include/interpreter.h

vm/include/interpreter_exports.h

OS portability layer

Portability layer common

vm/port/include/apr_thread_ext.h

vm/port/include/clog.h

vm/port/include/cxxlog.h

vm/port/include/lil.h

vm/port/include/lil_code_generator.h

vm/port/include/lil_code_generator_utils.h

vm/port/include/log_macro.h

vm/port/include/logger.h

vm/port/include/loggerstring.h

vm/port/include/m2n.h

vm/port/include/platform_core_natives.h

vm/port/include/port_atomic.h

vm/port/include/port_disasm.h

vm/port/include/port_dso.h

vm/port/include/port_env.h

vm/port/include/port_filepath.h

vm/port/include/port_general.h

vm/port/include/port_malloc.h

vm/port/include/port_sysinfo.h

vm/port/include/port_timer.h

vm/port/include/port_vmem.h

vm/port/include/stack_iterator.h

Class library support module (VMI)

Class library support interface

modules\luni\src\main\native\include\shared\hyvmls.h

modules\luni\src\main\native\include\shared\vmi.h

Interfaces Inside the Components

Execution manager

vm/em/src/DriEMImpl.h

vm/em/src/DrlProfileCollectionFramework.h

vm/em/src/EBProfileCollector.h

vm/em/src/EdgeProfileCollector.h

vm/em/src/MTable.h

Garbage collector V4

vm/gcv4/src/block_store.h

vm/gcv4/src/characterize_heap.h

vm/gcv4/src/compressed_references.h

vm/gcv4/src/descendents.h

vm/gcv4/src/faststack.h

vm/gcv4/src/garbage_collector.h

vm/gcv4/src/gc_cout.h

vm/gcv4/src/gc_debug.h

vm/gcv4/src/gc_globals.h

vm/gcv4/src/gc_header.h

vm/gcv4/src/gc_thread.h

vm/gcv4/src/gc_utils.h

vm/gcv4/src/gc_v4.h

vm/gcv4/src/gc_version.h

vm/gcv4/src/hash_table.h

vm/gcv4/src/mark.h

vm/gcv4/src/mark_stack.h

vm/gcv4/src/object_list.h

vm/gcv4/src/pair_table.h

vm/gcv4/src/remembered_set.h

vm/gcv4/src/slot_offset_list.h

vm/gcv4/src/stash_block.h

vm/gcv4/src/vector_set.h

vm/gcv4/src/work_packet_manager.h

Garbage collector V4.1

vm/gc_cc/src/collect.h

vm/gc_cc/src/fast_list.h

vm/gc_cc/src/gc_types.h

vm/gc_cc/src/root_set_cache.h

vm/gc_cc/src/slide_compact.h

vm/gc_cc/src/slot.h

vm/gc_cc/src/timer.h

Generational garbage collector V5

vm/gc_gen/src/common/gc_block.h

vm/gc_gen/src/common/gc_common.h

vm/gc_gen/src/common/gc_for_class.h
vm/gc_gen/src/common/gc_platform.h
vm/gc_gen/src/common/interior_pointer.h
vm/gc_gen/src/gen/gen.h
vm/gc_gen/src/mark_compact/mspace.h
vm/gc_gen/src/mark_compact/mspace_collect.h
vm/gc_gen/src/mark_sweep/lspace.h
vm/gc_gen/src/thread/collector.h
vm/gc_gen/src/thread/mutator.h
vm/gc_gen/src/thread/thread_alloc.h
vm/gc_gen/src/trace_forward/fspace.h
vm/gc_gen/src/verify/verify_live_heap.h

Interpreter (EE)

vm/interpreter/src/interp_defs.h
vm/interpreter/src/interp_native.h
vm/interpreter/src/interp_vm_helpers.h

Jitrino (EE, JIT)

vm/jitrino/src/jet/jet.h
vm/jitrino/src/main/Jitrino.h
vm/jitrino/src/vm/drl/DrlEMInterface.h
vm/jitrino/src/vm/drl/DrlVMInterface.h
vm/jitrino/src/vm/EMInterface.h
vm/jitrino/src/vm/VMInterface.h

Porting layer

vm/port/include/tl/allocator.h
vm/port/include/tl/list_mt.h
vm/port/include/tl/memory_pool.h
vm/port/include/tl/set.h
vm/port/include/tl/set_mt.h
vm/port/include/tl/vector.h
vm/port/include/tl/vector_mt.h
vm/port/src/encoder/ia32_em64t/dec_base.h
vm/port/src/encoder/ia32_em64t/encoder.h
vm/port/src/encoder/ia32_em64t/enc_base.h
vm/port/src/encoder/ia32_em64t/enc_defs.h
vm/port/src/encoder/ia32_em64t/enc_prvt.h
vm/port/src/lil/em64t/pim/include/lil_code_generator_em64t.h
vm/port/src/lil/em64t/pim/m2n_em64t_internal.h
vm/port/src/lil/ia32/pim/include/lil_code_generator_ia32.h
vm/port/src/lil/ia32/pim/m2n_ia32_internal.h

vm/port/src/lil/ipf/pim/include/lil_code_generator_ipf.h

vm/port/src/lil/ipf/pim/m2n_ipf_internal.h

Testing module

vm/tests/unit/framework/testframe.h

vm/tests/unit/thread/test_performance.h

vm/tests/unit/thread/utis/thread_unit_test_utils.h

vm/tests/unit/ulist/unit_test.h

vm/tests/unit/ulist/unit_test_logger.h

vm/tests/unit/ulist/unit_test_main.h

Thread manager

vm/thread/src/thread_private.h

VM core

Intermodule interfaces

Class support

vm/vmcore/include/annotation.h

vm/vmcore/include/annotations.h

vm/vmcore/include/Class.h

vm/vmcore/include/classloader.h

vm/vmcore/include/assertion_registry.h

vm/vmcore/include/classpath_const.h

vm/vmcore/include/class_interface.h

vm/vmcore/include/class_member.h

vm/vmcore/include/GlobalClassLoaderIterator.h

vm/vmcore/include/method_lookup.h

vm/vmcore/include/Package.h

vm/vmcore/include/type.h

vm/vmcore/include/unloading.h

vm/vmcore/include/vtable.h

Exception support

vm/vmcore/include/exceptions.h

vm/vmcore/include/exceptions_impl.h

vm/vmcore/include/exceptions_int.h

vm/vmcore/include/exceptions_jit.h

vm/vmcore/include/exceptions_type.h

GC support

vm/vmcore/include/dll_gc.h

vm/vmcore/include/root_set_enum_internal.h

Init

vm/vmcore/include/environment.h

vm/vmcore/include/finalize.h

vm/vmcore/include/init.h

vm/vmcore/include/properties.h

vm/vmcore/include/version.h

vm/vmcore/include/version_svn_tag.h

vm/vmcore/include/version_svn_tag_orig.h
JIT support
vm/vmcore/include/bit_vector.h

vm/vmcore/include/cci.h

vm/vmcore/include/compile.h

vm/vmcore/include/dll_jit_intf.h

vm/vmcore/include/dump.h

vm/vmcore/include/ini.h

vm/vmcore/include/jit_export.h

vm/vmcore/include/jit_export_jpda.h

vm/vmcore/include/jit_export_rt.h

vm/vmcore/include/jit_intf_cpp.h

vm/vmcore/include/jit_runtime_support_common.h

vm/vmcore/include/native_overrides.h

vm/vmcore/include/primitives_support.h
JNI support
vm/vmcore/include/jni_direct.h

vm/vmcore/include/jni_utils.h

vm/vmcore/include/native_utils.h
JVMTI support
vm/vmcore/include/jvmti_break_intf.h

vm/vmcore/include/jvmti_dasm.h

vm/vmcore/include/jvmti_direct.h

vm/vmcore/include/jvmti_interface.h

vm/vmcore/include/jvmti_internal.h

vm/vmcore/include/jvmti_utils.h
Object layout support
vm/vmcore/include/object.h

vm/vmcore/include/object_handles.h

vm/vmcore/include/object_layout.h

vm/vmcore/include/vm_arrays.h
Reflection support
vm/vmcore/include/reflection.h
Stack support
vm/vmcore/include/native_frame.h

vm/vmcore/include/stack_dump.h

vm/vmcore/include/stack_trace.h

vm/vmcore/include/stack_walker.h
Thread support
vm/vmcore/include/atomics.h

vm/vmcore/include/lock_manager.h

vm/vmcore/include/mon_enter_exit.h

vm/vmcore/include/object_generic.h

vm/vmcore/include/suspend_checker.h

vm/vmcore/include/sync_bits.h

vm/vmcore/include/thread_dump.h

vm/vmcore/include/thread_generic.h

vm/vmcore/include/thread_manager.h
vm/vmcore/include/verify_stack_enumeration.h

vm/vmcore/include/vm_threads.h
Utilities
vm/vmcore/include/bytereader.h

vm/vmcore/include/hashtable.h
vm/vmcore/include/jarfile_support.h

vm/vmcore/include/jarfile_util.h

vm/vmcore/include/mem_alloc.h

vm/vmcore/include/natives_support.h

vm/vmcore/include/native_modules.h

vm/vmcore/include/native_stack.h

vm/vmcore/include/nogc.h

vm/vmcore/include/platform_utils.h

vm/vmcore/include/String_Pool.h

vm/vmcore/include/simplehashtable.h

vm/vmcore/include/vm_log.h

vm/vmcore/include/vm_stats.h

vm/vmcore/include/vm_strings.h

Verifier
vm/vmcore/include/verifier.h
Mess - candiddate for splitting?
vm/vmcore/include/heap.h

vm/vmcore/include/vm_core_types.h

vm/vmcore/include/vm_synch.h
Not really used
vm/vmcore/include/dll_em_intf.h

vm/vmcore/include/em_intf_cpp.h

vm/vmcore/include/Verifier_stub.h

vm/vmcore/include/vm_import.h

Interfaces inside the modules

Class support
vm/vmcore/include/manifest.h
JVMTI support
vm/vmcore/src/jvmti/jvmti_heap.h

vm/vmcore/src/jvmti/jvmti_roots.h

vm/vmcore/src/jvmti/jvmti_tags.h

vm/vmcore/src/jvmti/jvmti_trace.h

vm/vmcore/src/jvmti/ulist.h

Kernel classes (java and natives)
vm/vmcore/src/kernel_classes/native/java_lang_EMThreadSupport.h

vm/vmcore/src/kernel_classes/native/java_lang_FinalizerThread.h

vm/vmcore/src/kernel_classes/native/java_lang_reflect_VMField.h

vm/vmcore/src/kernel_classes/native/java_lang_reflect_VMReflection.h

vm/vmcore/src/kernel_classes/native/java_lang_Runtime_SubProcess.h

vm/vmcore/src/kernel_classes/native/java_lang_Runtime_SubProcess_SubInputStream.h

vm/vmcore/src/kernel_classes/native/java_lang_Runtime_SubProcess_SubOutputStream.h

vm/vmcore/src/kernel_classes/native/java_lang_System.h
vm/vmcore/src/kernel_classes/native/java_lang_VMClassRegistry.h
vm/vmcore/src/kernel_classes/native/java_lang_VMExecutionEngine.h
vm/vmcore/src/kernel_classes/native/java_lang_VMMemoryManager.h
vm/vmcore/src/kernel_classes/native/java_lang_VMThreadManager.h
vm/vmcore/src/kernel_classes/native/java_util_concurrent_locks_LockSupport.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_kernel_vm_VM.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_ClassLoadingMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_CompilationMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_GarbageCollectorMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_MemoryManagerMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_MemoryMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_MemoryNotificationThread.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_MemoryNotificationThreadShutdown.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_MemoryPoolMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_RuntimeMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_lang_management_ThreadMXBeanImpl.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_util_concurrent_Atomics.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_vm_VMDebug.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_vm_VMGenericsAndAnnotations.h
vm/vmcore/src/kernel_classes/native/org_apache_harmony_vm_VMStack.h
Thread support
vm/vmcore/src/thread/hythr/hythreads.h
Utilities
vm/vmcore/src/util/em64t/base_natives/java_lang_thread_em64t.h
vm/vmcore/src/util/ia32/base_natives/java_lang_thread_ia32.h
vm/vmcore/src/util/ipf/base/defines.h
vm/vmcore/src/util/ipf/base_natives/java_lang_thread_ipf.h
vm/vmcore/src/util/ipf/code_emit/sched_enums.h
vm/vmcore/src/util/ipf/include/Code_Emitter.h
vm/vmcore/src/util/ipf/include/Emitter_IR.h
vm/vmcore/src/util/ipf/include/merced.h
vm/vmcore/src/util/ipf/include/stub_code_utils.h
vm/vmcore/src/util/ipf/include/vm_ipf.h
vm/vmcore/src/util/linux/crash_handler.h
vm/vmcore/src/util/linux/include/exception_filter.h
vm/vmcore/src/util/linux/include/platform.h
vm/vmcore/src/util/linux/include/platform_lowlevel.h
vm/vmcore/src/util/linux/include/vm_process.h
vm/vmcore/src/util/win/include/exception_filter.h
vm/vmcore/src/util/win/include/java_lang_thread_nt.h
vm/vmcore/src/util/win/include/platform.h

vm/vmcore/src/util/win/include/platform_lowlevel.h

vm/vmcore/src/util/win/include/vm_process.h

Verifier

vm/vmcore/src/verifier/ver_real.h

Class library support module (VMI)

vm/vmi/src/vm_trace.h

Component manager

vm/vmstart/src/compmgr/component_manager_impl.h

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