

vm_runtime

src

code_cache

module_adapter

module_adapter	use
ModuleFetcherImpl NullFetcher FakeFetcher	logger::prelude::* state_view::StateView std::collections::HashMap types::language_storage::ModuleId vm::file_format::CompiledModule

module_cache

module_cache	use
trait moduleCache VMMModuleCache BlockModuleCache TransactionModuleCache	code_cache::module_adapter gas_meter::GasMeter bytecode_verifier::VerifiedModule std::marker::PhantomData types::language_storage::ModuleId vm vm_cache_map vm_runtime_types

script_cache

script_cache	use
ScriptCache	loaded_data bytecode_verifier::Verify logger::prelude::* tiny_keccak::Keccak types::transaction::Script vm vm_cache_map

block_processor

use
code_cache counters data_cache process_txn config::config::VMPublishingOption logger::prelude::* rayon::prelude::* state_view::StateView types vm_cache_map

counters

use
lazy_static metrics::OpMetrics prometheus::IntCounter std::convert::TryFrom types

data_cache

data_cache	use
BlockDataCache trait RemoteCache TransactionDataCache	logger::prelude::* state_view::StateView std::collections::btree_map::BTreeMap, mem::replace types vm vm_runtime_types

gas_meter

gas_meter	use
GasMeter	code_cache loaded_data types vm vm_runtime_types

txn_executor

txn_executor	use
TransactionExecutor	code_cache data_cache execution_stack gas_meter identifier loaded_data bytecode_verifier std::collections::VecDeque types vm vm_cache_map vm_runtime_types

loaded_data

function

functon	use
trait FunctionReference FunctionRef FunctionDef	loaded_data bytecode_verifier::VerifiedModule vm

loaded_module

loaded_module	use
LoadedModule LoadedModuleCache	loaded_data bytecode_verifier::Verify std::collections::HashMap vm vm_runtime_types

lib

lib	use
trait VMVerifier trait VMExecutor	move_vm process_txn txn_executor config::config::VMConfig state_view::StateView types vm

runtime

runtime	use
VMRuntime	block_processor code_cache counters data_cache loaded_data process_txn config logger state_view::StateView types vm_cache_map

frame

frame	use
Frame	bounded_fetch loaded_data std::fmt, marker::PhantomData, mem::replace vm vm_runtime_types

move_vm

move_vm	use
MoveVM	loaded_data1 runtime VMExecutor VMVerifier state_view::StateView std::sync::Arc types vm_cache_map

process_txn

execute

execute	use
ExecutedTransaction	code_cache process_txn logger::prelude::* types vm

verify

verify	use
VerifiedTransaction VerifiedTransactionState	code_cache loaded_data process_txn txn_executor bytecode_verifier logger::prelude::* types vm

validate

validate	use
ValidatedTransaction enum ValidationMode ValidatedTransactionState	code_cache data_cache loaded_data process_txn txn_executor config::config::VMPublishingOption logger::prelude::* tiny_keccak::Keccak types vm vm_cache_map

mod

mod	use
ProcessTransaction	code_cache data_cache loaded_data config::config::VMPublishingOption std::marker::PhantomData types::transaction::SignatureCheckedTransaction vm_cache_map::Arena types::vm_error::VMStatus validate::ValidatedTransaction, ValidationMode

execution_stack

execution_stack	use
ExecutionStack	code_cache frame::Frame loaded_data std::fmt, marker::PhantomData vm vm_runtime_types

vm_runtime_types

value

value	use
enum Value trait Reference MutVal enum Local enum GlobalDataStatus RootAccessPath GlobalRef	loaded_data std types vm

loaded_data

struct_def

struct_def	use
StructDef StructDefinner	loaded_data canonical_serialization std::sync::Arc

types

types	use
enum Type	loaded_data canonical_serialization failure

proptest_types

use
loaded_data value proptest types

value_serializer

use
loaded_data value canonical_serialization failure std::convert::TryFrom types vm

native_functions

dispatch

dispatch	use
enum NativeReturnStatus NativeFunction	super::{hash, primitive_helpers, signature, vector} crate::{native_structs::dispatch::dispatch_native_struct, value::Local} std::collections::{HashMap, VecDeque} types vm

signature

use
super::dispatch::NativeReturnStatus crate::value::Local bit_vec::BitVec nextgen_crypto std::collections::VecDeque, convert::TryFrom types

hash

use
super::dispatch::NativeReturnStatus crate::value::Local bitcoin_hashes::{hash160, sha256, Hash} std::{borrow::Borrow, collections::VecDeque} tiny_keccak::Keccak types::byte_array::ByteArray

vector

use
super::dispatch::NativeReturnStatus crate::value::Local std::collections::VecDeque

primitive_helper

use
super::dispatch::NativeReturnStatus crate::value::Local std::collections::VecDeque types

vm_runtime依赖模块

common

storage/state_view

rust标准库: std

types

language/vm

language/bytecode_verifier

config

extern: 来自github

crypto