

Sui

Documentation for the modules in the `sui/crates/sui-framework/packages/sui` crate. Select a module from the list to see its details.

- Constants
- Struct AuthenticatorState

A bag is a heterogeneous map-like collection. The collection is similar to `sui::table` in that

A storable handler for Balances in general. Is used in the Coin

This module implements BCS (de)serialization in Move.

Group operations of BLS12-381.

A simple library that enables hot-potato-locked borrow mechanics.

APIs for accessing time from move calls, via the Clock: a unique

Defines the Coin type - platform wide representation of fungible

- Struct Config

Defines the DenyList type. The DenyList shared object is used to restrict access to

Defines a Display struct which defines the way an Object

In addition to the fields declared in its type definition, a Sui object can have dynamic fields

Similar to `sui::dynamic_field`, this module allows for the access of dynamic fields. But

- Constants
- Constants
- Constants
- Function `ed25519verify`

Events module. Defines the `sui::emit` function which

- Struct Curve

Generic Move and native functions for group operations.

Module which defines hash functions. Note that Sha-256 and Sha3-256 is available in the `std::hash` module in the

HEX (Base16) encoding utility.

- Function `hmacsha3256`

Kiosk is a primitive for building safe, decentralized and trustless trading

This module implements the Kiosk Extensions functionality. It allows

Similar to `sui::table` but the values are linked together, allowing for ordered insertion and

DEPRECATED, use the each integer type's individual module instead, e.g. `std::u64`

- Struct PCREntry

Sui object identifiers

Similar to `sui::bag`, an ObjectBag is a heterogeneous map-like collection. But unlike

Similar to `sui::table`, an `ObjectTable<K, V>` is a map-like collection. But unlike

Functions for operating on Move packages from within Move:

This module provides handy functionality for wallets and `sui::Coin` management.

Module which defines instances of the poseidon hash functions. Available in Devnet only.

Priority queue implemented using a max heap.

This module provides functionality for generating secure randomness.

Coin is the token used to pay for gas in Sui.

A table is a map-like collection. But unlike a traditional collection, it's keys and values are

A basic scalable vector library implemented using Table.

The Token module which implements a Closed Loop Token with a configurable

- Struct Receiving

Defines the TransferPolicy type and the logic to approve TransferRequests.

- Struct TxContext

Sui types helpers and utilities

URL: standard Uniform Resource Locator string

- Constants
- Struct VecMap
- Struct VecSet
- Struct Versioned
- Struct VerifiedID
- Struct VerifiedIssuer

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