

Module sui::clock

APIs for accessing time from move calls, via the [Clock](#) : a unique shared object that is created at 0x6 during genesis.

Singleton shared object that exposes time to Move calls. This object is found at address 0x6, and can only be read (accessed via an immutable reference) by entry functions.

Entry Functions that attempt to accept [Clock](#) by mutable reference or value will fail to verify, and honest validators will not sign or execute transactions that use [Clock](#) as an input parameter, unless it is passed by immutable reference.

Sender is not @0x0 the system address.

The [clock](#) 's current timestamp as a running total of milliseconds since an arbitrary point in the past.

Create and share the singleton Clock -- this function is called exactly once, during genesis.

Struct

Singleton shared object that exposes time to Move calls. This object is found at address 0x6, and can only be read (accessed via an immutable reference) by entry functions.

Entry Functions that attempt to accept [Clock](#) by mutable reference or value will fail to verify, and honest validators will not sign or execute transactions that use [Clock](#) as an input parameter, unless it is passed by immutable reference.

```
```bash
```

```
```
```

Sender is not @0x0 the system address.

```
```bash
```

```
```
```

The [clock](#) 's current timestamp as a running total of milliseconds since an arbitrary point in the past.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Create and share the singleton Clock -- this function is called exactly once, during genesis.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Constants

Sender is not @0x0 the system address.

```
```bash
```

```
```
```

The [clock](#) 's current timestamp as a running total of milliseconds since an arbitrary point in the past.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Create and share the singleton Clock -- this function is called exactly once, during genesis.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Function

The [clock](#) 's current timestamp as a running total of milliseconds since an arbitrary point in the past.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Create and share the singleton Clock -- this function is called exactly once, during genesis.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Function

Create and share the singleton Clock -- this function is called exactly once, during genesis.

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

```
```bash
```

```
```
```

Function

```
```bash
```

```
```
```

```
```bash
```

```
```
```