

# Module std::type\_name

Functionality for converting Move types into values. Use with care!

ASCII Character code for the : (colon) symbol.

ASCII Character code for the v (lowercase v) symbol.

ASCII Character code for the e (lowercase e) symbol.

ASCII Character code for the c (lowercase c) symbol.

ASCII Character code for the t (lowercase t) symbol.

ASCII Character code for the o (lowercase o) symbol.

ASCII Character code for the r (lowercase r) symbol.

The type is not from a package/module. It is a primitive type.

Return a value representation of the type T. Package IDs that appear in fully qualified type names in the output from this function are defining IDs (the ID of the package in storage that first introduced the type).

Return a value representation of the type T. Package IDs that appear in fully qualified type names in the output from this function are original IDs (the ID of the first version of the package, even if the type in question was introduced in a later upgrade).

Returns true iff the TypeName represents a primitive type, i.e. one of u8, u16, u32, u64, u128, u256, bool, address, vector.

Get the String representation of self

Get Address string (Base16 encoded), first part of the TypeName. Aborts if given a primitive type.

Get name of the module. Aborts if given a primitive type.

Convert self into its inner String

## Struct

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