MoveFunction

Signature of a function, defined in a Move module.

```
type MoveFunction {
  module: MoveModule!
  name: String!
  visibility: MoveVisibility
  isEntry: Boolean
  typeParameters: [MoveFunctionTypeParameter!]
  parameters: [OpenMoveType!]
  return: [OpenMoveType!]
}
```

Fields

```
MoveFunction.module MoveModule! non-null object
```

The module this function was defined in.

```
MoveFunction.name | String! | non-null | scalar
```

The function's (unqualified) name.

```
MoveFunction.visibility MoveVisibility enum
```

The function's visibility: public, public(friend), or private.

```
MoveFunction.isEntry Boolean scalar
```

Whether the function has the entry modifier or not.

```
MoveFunction.typeParameters
• [MoveFunctionTypeParameter
!] list object
```

Constraints on the function's formal type parameters. Move bytecode does not name type parameters, so when they are referenced (e.g. in parameter and return types) they are identified by their index in this list.

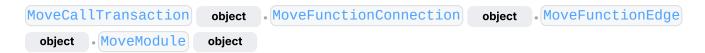
```
MoveFunction.parameters [OpenMoveType!] list object
```

The function's parameter types. These types can reference type parameters introduce by this function (see typeParameters).

MoveFunction.return • [OpenMoveType!] list object

The function's return types. There can be multiple because functions in Move can return multiple values. These types can reference type parameters introduced by this function (see typeParameters).

Member Of



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