

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 introduced 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

`MoveCallTransaction` `object` • `MoveFunctionConnection` `object` • `MoveFunctionEdge`
`object` • `MoveModule` `object`

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