MoveModule

Represents a module in Move, a library that defines struct types and functions that operate on these types.

```
type MoveModule {
  package: MovePackage!
  name: String!
  fileFormatVersion: Int!
  friends(
    first: Int
    after: String
    last: Int
    before: String
  ): MoveModuleConnection!
  struct(
    name: String!
  ): MoveStruct
  structs(
    first: Int
    after: String
    last: Int
    before: String
  ): MoveStructConnection
  enum(
    name: String!
  ): MoveEnum
  enums(
    first: Int
    after: String
    last: Int
    before: String
  ): MoveEnumConnection
  datatype(
    name: String!
  ): MoveDatatype
  datatypes(
    first: Int
    after: String
    last: Int
    before: String
  ): MoveDatatypeConnection
  function(
    name: String!
  ): MoveFunction
  functions(
    first: Int
    after: String
```

```
    last: Int
    before: String
  ): MoveFunctionConnection
  bytes: Base64
  disassembly: String
  }
```

Fields

`MoveModule.package`.`MovePackage!`   **non-null**   **object**

The package that this Move module was defined in

`MoveModule.name`.`String!`   **non-null**   **scalar**

The module's (unqualified) name.

`MoveModule.fileFormatVersion`.`Int!`   **non-null**   **scalar**

Format version of this module's bytecode.

`MoveModule.friends`.`MoveModuleConnection!`   **non-null**
object

Modules that this module considers friends (these modules can access `public(friend)` functions
from this module).

`MoveModule.friends.first`.`Int`   **scalar**

`MoveModule.friends.after`.`String`   **scalar**

`MoveModule.friends.last`.`Int`   **scalar**

`MoveModule.friends.before`.`String`   **scalar**

`MoveModule.struct`.`MoveStruct`   **object**

Look-up the definition of a struct defined in this module, by its name.

`MoveModule.struct.name`.`String!`   **non-null**   **scalar**

`MoveModule.structs`.`MoveStructConnection`   **object**

Iterate through the structs defined in this module.

`MoveModule.structs.first`.`Int`   **scalar**

`MoveModule.structs.after`.`String`   **scalar**

`MoveModule.structs.last`.`Int` scalar

`MoveModule.structs.before`.`String` scalar

`MoveModule`.`enum`.`MoveEnum` object

Look-up the definition of a enum defined in this module, by its name.

`MoveModule.enum.name`.`String!` non-null scalar

`MoveModule`.`enums`.`MoveEnumConnection` object

Iterate through the enums defined in this module.

`MoveModule.enums.first`.`Int` scalar

`MoveModule.enums.after`.`String` scalar

`MoveModule.enums.last`.`Int` scalar

`MoveModule.enums.before`.`String` scalar

`MoveModule`.`datatype`.`MoveDatatype` object

Look-up the definition of a datatype (struct or enum) defined in this module, by its name.

`MoveModule.datatype.name`.`String!` non-null scalar

`MoveModule`.`datatypes`.`MoveDatatypeConnection` object

Iterate through the datatypes (enmums and structs) defined in this module.

`MoveModule.datatypes.first`.`Int` scalar

`MoveModule.datatypes.after`.`String` scalar

`MoveModule.datatypes.last`.`Int` scalar

`MoveModule.datatypes.before`.`String` scalar

`MoveModule`.`function`.`MoveFunction` object

Look-up the signature of a function defined in this module, by its name.

`MoveModule.function.name`.`String!` non-null scalar

`MoveModule`.`functions`.`MoveFunctionConnection` object

Iterate through the signatures of functions defined in this module.

`MoveModule.functions.`**`first`**`.`**`Int`** scalar

`MoveModule.functions.`**`after`**`.`**`String`** scalar

`MoveModule.functions.`**`last`**`.`**`Int`** scalar

`MoveModule.functions.`**`before`**`.`**`String`** scalar

`MoveModule.`**`bytes`**`.`**`Base64`** scalar

The Base64 encoded bcs serialization of the module.

`MoveModule.`**`disassembly`**`.`**`String`** scalar

Textual representation of the module's bytecode.

Member Of

`Event` object • `IMoveDatatype` interface • `MoveDatatype` object • `MoveEnum` object • `MoveFunction` object • `MoveModuleConnection` object • `MoveModuleEdge` object • `MovePackage` object • `MoveStruct` object

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