MoveStruct

Description of a struct type, defined in a Move module.

```
type MoveStruct implements IMoveDatatype {
  module: MoveModule!
  name: String!
  abilities: [MoveAbility!]
  typeParameters: [MoveStructTypeParameter!]
  fields: [MoveField!]
}
```

Fields

MoveStruct.**module** . MoveModule! **non-null** **object**

The module this struct was originally defined in.

MoveStruct.**name** . String! **non-null** **scalar**

The struct's (unqualified) type name.

MoveStruct.**abilities** . [MoveAbility!] **list** **enum**

Abilities this struct has.

MoveStruct.**typeParameters** . [MoveStructTypeParameter!]
list **object**

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

MoveStruct.**fields** . [MoveField!] **list** **object**

The names and types of the struct's fields. Field types reference type parameters, by their index in the defining struct's `typeParameters` list.

Interfaces

IMoveDatatype **interface**

Interface implemented by all GraphQL types that represent a Move datatype (either structs or enums). This interface is used to provide a way to access fields that are shared by both structs and enums, e.g., the module that the datatype belongs to, the name of the datatype, type parameters etc.

Member Of

MoveDatatype `object` · MoveModule `object` · MoveStructConnection `object` · MoveStructEdge `object`

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