

MoveEnum

Description of an enum type, defined in a Move module.

```
type MoveEnum implements IMoveDatatype {  
  module: MoveModule!  
  name: String!  
  abilities: [MoveAbility!]  
  typeParameters: [MoveStructTypeParameter!]  
  variants: [MoveEnumVariant!]  
}
```

Fields

`MoveEnum.module` • `MoveModule!` **non-null** **object**

The module this enum was originally defined in.

`MoveEnum.name` • `String!` **non-null** **scalar**

The enum's (unqualified) type name.

`MoveEnum.abilities` • `[MoveAbility!]` **list** **enum**

The enum's abilities.

`MoveEnum.typeParameters` • `[MoveStructTypeParameter!]`
list **object**

Constraints on the enum'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.

`MoveEnum.variants` • `[MoveEnumVariant!]` **list** **object**

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

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