

# IMoveObject

This interface is implemented by types that represent a Move object on-chain (A Move value whose type has key ).

Displays the contents of the Move object in a JSON string and through GraphQL types. Also provides the flat representation of the type signature, and the BCS of the corresponding data.

Determines whether a transaction can transfer this object, using the TransferObjects transaction command or `sui::transfer::public_transfer` , both of which require the object to have the key and store abilities.

The set of named templates defined on-chain for the type of this object, to be handled off-chain. The server substitutes data from the object into these templates to generate a display string per template.

Access a dynamic field on an object using its name. Names are arbitrary Move values whose type have copy , drop , and store , and are specified using their type, and their BCS contents, Base64 encoded.

Dynamic fields on wrapped objects can be accessed by using the same API under the Ownertype.

Access a dynamic object field on an object using its name. Names are arbitrary Move values whose type have copy , drop , and store , and are specified using their type, and their BCS contents, Base64 encoded. The value of a dynamic object field can also be accessed off-chain directly via its address (e.g. using `Query.object` ).

Dynamic fields on wrapped objects can be accessed by using the same API under the Owner type.

The dynamic fields and dynamic object fields on an object.

Dynamic fields on wrapped objects can be accessed by using the same API under the Owner type.

[Coin](#) object • [CoinMetadata](#) object • [MoveObject](#) object • [StakedSui](#) object • [SuinsRegistration](#) object