

IObject

Interface implemented by on-chain values that are addressable by an ID (also referred to as its address). This includes Move objects and packages.

```
interface IObject {
  version: UInt53!
  status: ObjectKind!
  digest: String
  owner: ObjectOwner
  previousTransactionBlock: TransactionBlock
  storageRebate: BigInt
  receivedTransactionBlocks(
    first: Int
    after: String
    last: Int
    before: String
    filter: TransactionBlockFilter
    scanLimit: Int
  ): TransactionBlockConnection!
  bcs: Base64
}
```

Fields

`IObject.version` • `UInt53!` **non-null** **scalar**

`IObject.status` • `ObjectKind!` **non-null** **enum**

The current status of the object as read from the off-chain store. The possible states are: NOT_INDEXED, the object is loaded from serialized data, such as the contents of a genesis or system package upgrade transaction. LIVE, the version returned is the most recent for the object, and it is not deleted or wrapped at that version. HISTORICAL, the object was referenced at a specific version or checkpoint, so is fetched from historical tables and may not be the latest version of the object. WRAPPED_OR_DELETED, the object is deleted or wrapped and only partial information can be loaded.

`IObject.digest` • `String` **scalar**

32-byte hash that identifies the object's current contents, encoded as a Base58 string.

`IObject.owner` • `ObjectOwner` **union**

The owner type of this object: Immutable, Shared, Parent, Address Immutable and Shared Objects do not have owners.

`IObject.previousTransactionBlock` . `TransactionBlock`
object

The transaction block that created this version of the object.

`IObject.storageRebate` . `BigInt` **scalar**

`IObject.receivedTransactionBlocks` . `TransactionBlockConnection!` **non-null** **object**

The transaction blocks that sent objects to this object.

`IObject.receivedTransactionBlocks.first` . `Int` **scalar**

`IObject.receivedTransactionBlocks.after` . `String` **scalar**

`IObject.receivedTransactionBlocks.last` . `Int` **scalar**

`IObject.receivedTransactionBlocks.before` . `String` **scalar**

`IObject.receivedTransactionBlocks.filter` . `TransactionBlockFilter` **input**

`IObject.receivedTransactionBlocks.scanLimit` . `Int` **scalar**

`IObject.bcs` . `Base64` **scalar**

The Base64-encoded BCS serialization of the object's content.

Implemented By

`Coin` **object** . `CoinMetadata` **object** . `MoveObject` **object** . `MovePackage` **object** . `Object`
object . `StakedSui` **object** . `SuinsRegistration` **object**

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