

---

Question

[Evgeny Shvarov](#) · Jun 28, 2019

## Getting The Value of The Property of Instance or Getting The Value for the Column of The Record

Hi guys!

As you know there are two (at least) ways to get the stored value of the property of InterSystems IRIS class if you know the ID of an instance (or a record).

1. Get it by as a property of an instance with "Object access":

```
ClassMethod GetPropertyForID(stId As %Integer) As %String
{
    set obj=..%OpenId(stId)
    return obj.StringData
}
```

2. Get it as a value of a column of the record with "SQL access":

```
ClassMethod GetColumnForID(stId As %Integer) As %String
{
    &sql(select StringData into :sd from Ideal.StoredData where id = :stId)
    return sd
}
```

What do you prefer?

And why?

To reproduce the case and play with it on InterSystems IRIS 2019.2 you can use the [ObjectScript](#) repo. It is the persistent class [Ideal.StoredData](#) with one property StringData and simple populating util.

To set up the case on your laptop do the following (e.g. on mac, expecting you have git and docker installed):

```
# clone git@github.com:evshvarov/objectscript.git
```

```
# docker-compose build

# docker-compose up -d

# docker-compose exec iris iris session iris

USER>zn "OSCRIP"

OSCRIP>d ##class(Ideal.StoredData).AddRecords()

OSCRIP>w ##class(Ideal.StoredData).GetPropertyForID(1)
Value1
OSCRIP>w ##class(Ideal.StoredData).GetColumnForID(1)
Value1
OSCRIP>
```

[#Beginner](#) [#Data Model](#) [#Object Data Model](#) [#ObjectScript](#) [#SQL](#) [#Caché](#) [#InterSystems IRIS](#)

---

#### Source

URL: <https://community.intersystems.com/post/getting-value-property-instance-or-getting-value-column-record>