

## Question

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## Calling list.FindOref(&lt;object from indexOpen call&gt;)

Hello All,

I have a question / issue regarding the calling list.FindOref(<object from indexOpen call>)

Here is a simple way to reproduce the issue:

2 classes: Utility.contacttypes and Utility.person

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```
Class Utility.contacttypes Extends %Persistent
{
Property description As %Library.String(TRUNCATE = 1);
/// Index for property description
Index descriptionIndex On description [ Unique ];
}
```

\*\*\*\*\*

```
Class Utility.person Extends %Persistent
{
Property types As list Of Utility.contacttypes;
/// Date Setup to recreate an error
ClassMethod DataSetup()
{
    Set ref=##class(Utility.contacttypes).%New()
    Set ref.description="Shipping"
    Do ref.%Save()
    Set ref=##class(Utility.contacttypes).%New()
    Set ref.description="Billing"
    Do ref.%Save()
    Set tPerson = ##class(Utility.person).%New()
    Do tPerson.types.Clear()
    Set aryContacts(1)=" "
    Set aryContacts(2)=" "
    Set id=" "
    For
    { Set id=$o(aryContacts(id))
      Quit:id=" "
      Do tPerson.types.InsertObjectId(id)
    }
    Do tPerson.%Save()
    Write !,"Created a record"
    Quit 1
}
/// Reproducing the issue - calling list.FindOref(<object from indexOpen call>) first
time returns null!!!
ClassMethod Problem()
{
    Set tPerson = ##class(Utility.person).%OpenId(1)
```

```
For i=1:1:2 {
    If (tPerson.types.FindOref(##class(Utility.contacttypes).descriptionIndexOpen
("Billing"))) {
        Write !,"Run Number: "_i_ - Found it ok"
    } else {
        Write !,"Run Number: "_i_ - ERROR!, I did not find it!"
    }
}
Close tPerson
Quit 1
}
}
```

\*\*\*\*\*

Run:

```
ALEX>do ##class(Utility.person).DataSetup()
```

Created a record

```
ALEX>do ##class(Utility.person).Problem()
```

```
Run Number:1 - ERROR!, I did not find it!
```

```
Run Number:2 - Found it ok
```

```
ALEX>
```

\*\*\*\*\*

As you can see the first time I did not find anything, but the record is there and there are no issues with it since second time, same call I do find it ok.

I was hoping someone can shine some light on this issue. The workaround has been developed, of course, however it is interesting to find out why this is happening in the first place.

Thank you very much for your time,

Alex

[#Object Data Model](#) [#Caché](#)

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Source URL: <https://community.intersystems.com/post/calling-listfindoref>