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## Question

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# Please review the code and give me some suggestion to improve coding standard.

I created a simple CRUD operation using Rest Services in Cache.

```
Class EX.example Extends %CSP.REST
{

XData UrlMap
{
<Routes>
<Route Url="/insert/:loc/:ssn/:name" Method="GET" Call="hello"/>
<Route Url="/update/:key/:loc/:ssn/:name" Method="GET" Call="iam"/>
<Route Url="/delete/:key" Method="GET" Call="there"/>
<Route Url="/findid/:key" Method="GET" Call="now"/>
</Routes>
}

ClassMethod hello(name As %String, ssn As %String, loc As %String) As %Status
{
s mName=$zcvt(name,"U"),mKey=ssn,mLoc=loc
s ns=$namespace
znspc "USER"
try{
s obj=##class(Sample.Classes).%New()
s obj.name=mName, obj.SSN=mKey, obj.Location=mLoc
w "----Great----"
s Status=obj.%Save()
}
catch
{
w "Sorry Unable to insert"
}
znspc ns
quit $$$OK
}

ClassMethod iam(id As %Integer, name As %String, ssn As %String, loc As %String)
{
s mId=id,mName=$zcvt(name,"U")
s ns=$namespace
znspc "USER"
try{
if (##class(Sample.Classes).%ExistsId(mId))
{
s objj=##class(Sample.Classes).%OpenId(mId)
w objj.%Id(),objj.Location
s objj.Location=loc,objj.name=mName,objj.SSN=ssn
s Status=objj.%Save()
}
```

```
w "----Wow Great-----"
}
else
{
w "There is no ",id," is present"
}
}
catch
{
w !,"Sorry Unable to update the Id:",mId
}
znospace ns
q $$$OK
}
```

```
ClassMethod there(id As %Integer)
{
S mId=id
S ns=$namespace
znospace "USER"
try{
if (##class(Sample.Classes).%ExistsId(mId))
{
S obj=##class(Sample.Classes).%DeleteId(id)
w "Deleted Successfully"
}
else
{
w "There is no ",id," is present"
}
}
catch
{
w "Sorry Unable to delete the Id:",mId
}
znospace ns
q $$$OK
}
```

```
ClassMethod now(id As %Integer)
{
S mId=id
S ns=$namespace
znospace "USER"
try{
if (##class(Sample.Classes).%ExistsId(mId))
{
S objj=##class(Sample.Classes).%OpenId(mId)
w "ID:",objj.%Id()," Name:",objj.name," SSN:",objj.SSN," Location:",objj.Location
}
else
{
w "There is no ",id," is present"
}
}
catch
{
w "Sorry Unable to find the Id:",mId
}
```

```
znspace ns
q $$$OK
}

}
```

Created a simple class with three properties and performed the CRUD operation for below Class Definition

```
Class Sample.Classes Extends %Persistent
{
Property name As %String;
Property SSN As %String;
Property Location As %String;
}
```

Please review the code and give me some suggestion to improve coding standard.

Thanks

[#REST API](#) [#Caché](#)

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Source

URL:<https://community.intersystems.com/post/please-review-code-and-give-me-some-suggestion-improve-coding-standard>