
Question

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Modifying REST.DocServer to use new %Object instead of %ZEN.proxyObject

I was trying to modify the REST.DocServer sample in the SAMPLE namespaces to use the new %Object and %Array system objects (Ensemble 2016.2 build 636) with the following changes:

```
// This method returns a list of namespaces for this server

ClassMethod GetNamespaces() As %Status

{

#dim tSC As %Status = $$$OK

#dim tList,tNS,tFilteredList,tValue As %String

#: Get the list of namespaces

Do List^%SYS.NAMESPACE(.tList)

Set tNS="" For {

Set tNS=$Order(tList(tNS),1,tValue) If tNS="" Quit

#: Only want namespaces which are enabled and are not remote

If $List(tValue,1)=1&&$List(tValue,2)=0 {

Set tFilteredList(tNS)=""

}

}

#: If we have been asked for json

If $Get(%request.CgiEnvs("HTTPACCEPT"))="application/json" {

#; Set the response header to JSON
```

```
Set %response.ContentType="application/json"

#; Create a JSON proxy

set tProxy = {}

;Set tProxy = ##class(%ZEN.proxyObject).%New()

#; And a list to hold the namespaces

set tList= []

;Set tList=##class(%Library.ListOfDataTypes).%New()

#; Add the namespaces to the list

Set tNS="" For {
    Set tNS=$Order(tFilteredList(tNS)) If tNS="" Quit
    do tList.$push(tNS)
    ;Do tList.Insert(tNS)
}

#; Set the namespace property

Set tProxy.namespaces=tList

#; Output the JSON

set ^jks=tProxy.$toJSON()

do tProxy.$toJSON()

;Do tProxy.%ToJSON()

} else {

Set tNS="" For {
    Set tNS=$Order(tFilteredList(tNS)) If tNS="" Quit
```

```
Write tNS,!  
}  
}  
Quit tSC  
}
```

Unfortunately this returns an empty response when run. It LOOKS like both the original code do the same things but when I tested the original by setting a global equal to the value of tProxy.%ToJSON(), I got a 1 and the JSON sent twice in the response. When I set a global = tProxy.\$toJSON() I actually get the JSON in the global. Is %ZEN.proxyObject.%ToJSON() doing something specific with the device that \$toJSON() doesn't?

[#Document Data Model \(NoSQL\)](#) [#Field Tests](#) [#REST API](#) [#Caché](#)

Source

URL:<https://community.intersystems.com/post/modifying-restdocserver-use-new-object-instead-zenproxyobject>