

## %JSON.Adaptor with class that inherit from %ListOfObjects

Discussion



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I was trying the %JSON.Adapter backport to cache and try it also in IRIS and i found a kind of an issue regarding to export and object to json that is an inheritance of %ListOfObjects

If we have a list of elementtype of and object and then we try to export this to a json we get this json instead of a correct json.

exported json:

```
{
  "ElementType":"test.element",
  "Size":"1"
}
```

Json that we want:

```
[
  {
    "field1":"testField1",
    "field2":"testField2"
  }
]
```

Test classes:

```
Class test.elementList Extends (%ListOfObjects, %ZJSON.Adaptor)
{
  /// The type (class name) of the elements stored in the collection.
  Parameter ELEMENTTYPE = "test.element";
}
```

```
Class test.element Extends (%RegisteredObject, %ZJSON.Adaptor)
{
  Property field1 As %String [ InitialExpression = "testField1" ];
  Property field2 As %String [ InitialExpression = "testField2" ];
}
```

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```
Class test.Main Extends %RegisteredObject
{
ClassMethod Run()
{
    Set elem = ##class(test.element).%New()
    Set elemList = ##class(test.elementList).%New()
    Do elemList.Insert(elem)
    Do elemList.%JSONExportToString(.json)
    Do ##class(%ZJSON.Formatter).%New().Format(json)
}
}
```

I could fix it overwriting the %JSONExportToString in the elementList class in order to loop over elements and so on...but can be possible to fix this in IRIS? or is there any other solution?

Thanks !

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**Source URL:** <https://community.intersystems.com/post/jsonadaptor-class-inherit-listofobjects>