
Question

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Using %JSON.Adaptor to Export Complex Objects with relationships of 'many to many' type

Hi,

The class %JSON.Adaptor is very convenient,

I wonder if anyone faced the following scenario using it-

Exporting an object, that has a many to many relationship, and getting the details of the related objects.

For example, if we have three classes - Teachers, Students, and an intermediate class TeacherStudent .

The classes extend %JSON.Adaptor, and we would like to open a Student object, use %JSONExport, and get a JSON

That includes the details of the student and all the teachers that teach the student, something like:

```
{
  "Id": "2",
  "Name": "Noname",
  "Teachers": [{
    "Id": "413",
    "Name": "Mr A",
  }, {
    "Id": "414",
    "Name": "Mr B",
  }
]
```

By default this is not the case, we get a list of Id's of the intermediate table:

```
{
  "Id": "2",
  "Name": "Noname",
  "Teachers": [{
    "Id": "1",
  }, {
    "Id": "2",
  }
]
```

Is there any way to achieve what I described? I looked at JSON mappings documentation, that does not seem to offer a solution.

Regards,

Nael Naseraldeen

[#JSON](#) [#InterSystems](#) [IRIS](#)

Source

URL: <https://community.intersystems.com/post/using-jsonadaptor-export-complex-objects-relationships-many-many-type>