


## ??? Caché JSON %JSON????

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## ??? Caché JSON %JSON????

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#### %JSON????

????????????%JSON????????????????

#### %JSON.Adaptor??

????????JSON????????JSON????

#### %JSONExport()

%JSON.Adaptor.%JSONExport()???JSON????????JSON????????????????

```
method %JSONExport(%mappingName As %String = "") as %Status
```

- %mappingName(??)-??

#### %JSONExportToStream()

%JSON.Adaptor.%JSONExportToStream()???`JSON????????JSON????????????

```
method %JSONExportToStream(ByRef export As %Stream.Object,
  %mappingName As %String = "") as %Status
```

- export - ??????JSON????????
- %mappingName(??)-??

#### %JSONExportToString()

%JSON.Adaptor.%JSONExportToString()???JSON????????JSON????????????????

```
method %JSONExportToString(ByRef %export As %String,
  %mappingName As %String = "") as %Status
```

- Export-????????JSON????????
- %mappingName(??)-??



## %JSONIGNORENULL

????????????????????????????????????(XSDTYPE = "string" ? JSONTYPE="string"??)?

```
parameter %JSONIGNORENULL = 0;
```

- 0-(?)JSON????????????\$char(0)?\$char(0)?????"??JSON?JSON?????????????"????%JSONNULL????  
????JSON?
- 1-????????JSON?????"?????"\$char(0)?????"???

## %JSONINCLUDE (properties only)

????????????JSON????????

```
parameter %JSONINCLUDE = "inout"
```

- "inout"(?)-????????????
- "outputonly" -????????????
- "inputOnly" -????????????
- "none"—?????????

## %JSONNULL

????????????

```
parameter %JSONNULL = 0;
```

- 0-(?)????????????????????
- 1-????????????????

## %JSONREFERENCE

????????????JSON???

```
parameter %JSONREFERENCE = "OBJECT";
```

- "OBJECT" -(?)????????????????
- "ID"-????????ID????????
- "OID"—????????OID????????  
oid?classname,id????JSON??  
-"GUID" -????GUID????????

## %JSON.Formatter????

%JSON.Formatter????????%DynamicAbstractObject??JSON????????

### Format()

%JSON.Formatter.Format()????????JSON????????

```
method Format(input) as %Status
```

- input -JSON?????????????%DynamicAbstractObject????

### FormatToStream()

```
%JSON.Formatter.FormatToStream(????????????JSON????????????)
```

```
method FormatToStream(input, ByRef export As %Stream.Object) as %Status
```

- input -JSON?????????????%DynamicAbstractObject????
- export -????JSON??

### FormatToString()

```
%JSON.Formatter.FormatToString(????????????JSON????????????????????JSON????????JSON????????????????)
```

```
method FormatToString(input, ByRef export As %String = "") as %Status
```

- input -JSON?????????????%DynamicAbstractObject????
- export (??)-????JSON??

### Indent

```
%JSON.Formatter.Indent????????????JSON????????true?
```

```
property Indent as %Boolean [ InitialExpression = 1 ];
```

### IndentChars

```
%JSON.Formatter.IndentChars????????????????????????????????????????
```

```
property IndentChars as %String [ InitialExpression = " " ];
```

### LineTerminator

```
%JSON.Formatter.LineTerminator????????????????????????$char(13?10)?
```

```
property LineTerminator as %String [ InitialExpression = $char(13,10) ];
```

```

/// d ##class(PHA.TEST.Xml).Obj2FormatterJson()
ClassMethod Obj2FormatterJson()
{
  s event = ##class(Model.Event).%New()
  s event.Name = "yx"
  s location = ##class(Model.Location).%New()
  s location.City = "tianjin"
  s location.Country = "china"
}

```

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```
s event.Location = location
d event.%JSONExportToString(.jsonEvent)
s formatter = ##class(%JSON.Formatter).%New()
s formatter.Indent = 1
s formatter.IndentChars = " - "
//s formatter.LineTerminator = "!"
d formatter.Format(jsonEvent)
}
```

```
DHC-APP>d ##class(PHA.TEST.Xml).Obj2FormatterJson()
```

```
{
- "Name": "yx",
- "Location": {
- - "City": "tianjin",
- - "Country": "china"
- }
}
```

```
DHC-APP>d ##class(PHA.TEST.Xml).Obj2FormatterJson()
```

```
{! - "Name": "yx",! - "Location": {! - - "City": "tianjin",! - - "Country": "china"! -
}!}
```

[#JSON #Caché #InterSystems IRIS #InterSystems IRIS for Health](#)

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? **URL:** <https://cn.community.intersystems.com/post/%E7%AC%AC%E4%B8%83%E7%AB%A0-cach%C3%A9-js-on-json%E5%BF%AB%E9%80%9F%E5%8F%82%E8%80%83>