

## fast JSON formatting for Caché / Ensemble

Article

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## fast JSON formatting for Caché / Ensemble

This is a coding example working on Caché 2018.1.3 and IRIS 2020.2

It will not be kept in sync with new versions

It is also **NOT** serviced by InterSystems **Support** !

It is also an example of a customized command extension (ZZJSN) in Caché / Ensemble & IRIS

This is the Caché version for fast JSON formatting. But it also works in IRIS .

To allow parallel existence in IRIS with the previous example this is named **ZZJSN**see:

```
USER>ZWRITE jsn
jsn="{\"Name\":\"Li,Robert K.\",\"SSN\":\"672-92-9664\", \"DOB\":\"1975-01-12\", \"Home\":{\"Street\":\"986 Washington Blvd\", \"City\":\"Boston\", \"State\":\"PA\", \"Zip\":\"95802\"}, \"Office\":{\"Street\":\"6012 First Place\", \"City\":\"Reston\", \"State\":\"MT\", \"Zip\":\"77739\"}, \"Spouse\":{\"Name\":\"Avery, Zelda H.\", \"SSN\":\"323-13-7437\", \"DOB\":\"1943-03-27\", \"Home\":{\"Street\":\"196 Main Drive\", \"City\":\"Youngstown\", \"State\":\"WY\", \"Zip\":\"53229\"}, \"Office\":{\"Street\":\"4056 Franklin Court\", \"City\":\"Bensonhurst\", \"State\":\"IA\", \"Zip\":\"27688\"}, \"FavoriteColors\":[\"Black\"], \"Age\":77}, \"Age\":45, \"Title\":\"Associate Marketing Manager\", \"Salary\":10421}"
```

This doesn't look so easy to follow.

So this is a shorthand to save time and reduce mistyping.

The attached ZZJSN.inc is to be included into your %ZLANGC00.mac

### output to device

```
USER>ZZJSN jsn ; does the Output to Terminal / Device
{
  "Name":"Li,Robert K.",
  "SSN":"672-92-9664",
  "DOB":"1975-01-12",
  "Home":{
    "Street":"986 Washington Blvd",
    "City":"Boston",
    "State":"PA",
    "Zip":"95802"
  },
  "Office":{
    "Street":"6012 First Place",
    "City":"Reston",
    "State":"MT",
    "Zip":"77739"
  },
  "Spouse":{
```

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```
"Name": "Avery, Zelda H.",
"SSN": "323-13-7437",
"DOB": "1943-03-27",
"Home": {
  "Street": "196 Main Drive",
  "City": "Youngstown",
  "State": "WY",
  "Zip": "53229"
},
"Office": {
  "Street": "4056 Franklin Court",
  "City": "Bensonhurst",
  "State": "IA",
  "Zip": "27688"
},
"FavoriteColors": [
  "Black"
],
"Age": 77
},
"Age": 45,
"Title": "Associate Marketing Manager",
"Salary": 10421
}
```

### output to stream

```
set st=##class(%Stream.GlobalCharacter).%New()
ZZJSN jsn:st ; write result to Stream
```

### output to string

```
ZZJSN jsn:"BOBBY" ; writes it to local variable BOBBY
```

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