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Article

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## fast JSON formatting (Caché / Ensemble)

It's also an example for a customized command extension (ZZJSN) in Caché & IRIS

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

Requires package [ZPretty](#)

To allow parallel existence in IRIS 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

```
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":{
    "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
```

[GitHub](#)

[#JSON](#) [#ObjectScript](#) [#Caché](#) [#Ensemble](#)

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Source URL: <https://community.intersystems.com/post/fast-json-formatting-cach%C3%A9-ensemble>