

Article

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Wrap JSON to multi lines / Test ISJSON

install and usage

Packed Pretty.xml installs routine ZPretty in any namespace.

calling `$$$Do^ZPretty(input,[filler],[newline])` returns a wrapped JSON string.

filler is the optional string for the indent, default = " "

newline is optional, default = `$C(13,10)`

input accepts: JSONString, JSONStream, %DynamicAbstractObject

^Pretty leaves all error trapping to you. So can use it as ISJSON check.

Set flat=\$\$\$Do^Pretty(input,"","") removes all formatting from input.

this could be useful to compare 2 different formatted JSONStrings.

examples

```
USER>read jsn
{"Name":"Li,Robert K. ","SSN":"672-92-9664","DOB":"1975-01-12","Home":{"Street":"986 W
ashington Blvd","City":"Boston","State":"PA","Zip":"95802"},"Office":{"Street":"6012
First Place","City":"Reston","State":"MT","Zip":"77739"},"Spouse":{"Name":"Avery,Zeld
a 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","C
ity":"Bensonhurst","State":"IA","Zip":"27688"},"FavoriteColors":["Black"],"Age":77},"
Age":45,"Title":"Associate Marketing Manager","Salary":10421}
USER>
```

straight to device

```
USER>write $$$Do^ZPretty(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
}
USER>
```

to string & compare

```
USER>set wrap=$$Do^ZPretty(jsn)

USER>write $s(wrap=json:"SAME",1:"DIFF")
DIFF
USER>write $s($$Do^ZPretty(wrap,"","")=json:"SAME",1:"DIFF")
SAME
```

ISJSON

```
USER>set crap=$replace(wrap,"""Home""":"")
USER>do Do^ZPretty(crap)
<THROW>%FromJSON+38^%Library.DynamicAbstractObject.1 *%Exception.General Parsing error 3 Line 5 Offset 3
```

```
USER>try {do Do^ZPretty(jsn) Write "OK" IF 1} catch er { Write "NO" IF 0 } write !,$test
OK
1
USER>try {do Do^ZPretty(crap) Write "OK" IF 1} catch er { Write "NO" IF 0 } write !,$test
NO
0
```

[GitHub](#)

[#Other](#)

Source URL: <https://community.intersystems.com/post/wrap-json-multi-lines-test-isjson>