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Classic ASP JSON Class Reading/Writing

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gerritvankuijpers ...

on Jan 30, 2021

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aspjson

Classic ASP JSON Class Reading/Writing

[ASPJSON](#) is a free to use project for generating and reading JSON data into a classic ASP object. The class can be used for reading a string of JSON data as well as writing JSON output from an AJAX file. Below are 2 simple examples of both.

Read Json Example:

```
{
  "firstName": "John",
  "lastName" : "Smith",
  "age"      : 25,
  "address"  :
  {
    "streetAddress": "21 2nd Street",
    "city"         : "New York",
    "state"        : "NY",
    "postalCode"   : "10021"
  },
  "phoneNumbers":
  [
    {
      "type" : "home",
      "number": "212 555-1234"
    },
    {
```

```

        "type" : "fax",
        "number": "646 555-4567"
    }
]
}

<%
Set oJSON = New aspJSON

'Load JSON string
oJSON.loadJSON(jsonstring)

'Get single value
Response.Write oJSON.data("firstName") & "<br>"
Response.Write oJSON.data("address").item("streetAddress") & "<br>"

'Loop through collection
For Each phonenr In oJSON.data("phoneNumbers")
    Set this = oJSON.data("phoneNumbers").item(phenenr)
    Response.Write _
    this.item("type") & ": " & _
    this.item("number") & "<br>"
Next

'Update/Add value
oJSON.data("firstName") = "James"

'Return json string
Response.Write oJSON.JSONOutput()
%>

```

Write Json Example:

```

{
  "familyName": "Smith",
  "familyMembers":
  [
    {
      "firstName": "John",
      "age": 41,
      "job":
      {
        "function": "Webdeveloper",
        "salary": 70000
      }
    },
    {
      "firstName": "Suzan",
      "age": 38,
      "interests":
      [

```

```

        "Reading",
        "Tennis",
        "Painting"
    ]
},
{
    "firstName": "John Jr.",
    "age": 2.5
}
]
}

```

```
<%
```

```
Set oJSON = New aspJSON
```

```
With oJSON.data
```

```

    .Add "familyName", "Smith"                'Create value
    .Add "familyMembers", oJSON.Collection()

```

```
With oJSON.data("familyMembers")
```

```

    .Add 0, oJSON.Collection()                'Create unnamed object
    With .item(0)

```

```

        .Add "firstName", "John"
        .Add "age", 41

```

```

        .Add "job", oJSON.Collection()        'Create named object
        With .item("job")

```

```

            .Add "function", "Webdeveloper"
            .Add "salary", 70000

```

```
        End With
```

```
    End With
```

```

    .Add 1, oJSON.Collection()
    With .item(1)

```

```

        .Add "firstName", "Suzan"
        .Add "age", 38
        .Add "interests", oJSON.Collection()  'Create array
        With .item("interests")

```

```

            .Add 0, "Reading"
            .Add 1, "Tennis"
            .Add 2, "Painting"

```

```
        End With
```

```
    End With
```

```

    .Add 2, oJSON.Collection()
    With .item(2)

```

```

        .Add "firstName", "John Jr."
        .Add "age", 2.5

```

```
    End With
```

```
End With
```

End With

Response.Write oJSON.JSONOutput()

'Return json string

Changelog

Version 1.19 January 2021

- Fix for locale decimal format settings when parsing json string

Version 1.18 August 2020

- Decimal output comma/dot fix

Version 1.17 Februari 2014

- Efficiency improvement large data

Version 1.15 Februari 2014

- Trailing tabs fixed

Version 1.14 Februari 2014

- Colon value within string bug fixed

Version 1.13 December 2013

- Encoded data fix
- Now possible to load directly from a URL. For example:
oJSON.loadJSON("<http://www.aspjson.com/jsonstream.asp>")

Version 1.12 June 2013

- vbCrLf fix
- Compatible with Option Explicit
- JSON escape characters

Releases

No releases published

Packages

No packages published

Languages

- Classic ASP 100.0%