Question
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Retrieving values from JSON %Library.DynamicObject (2017.1)

Good afternoon -

I'm in the process of learning to make COS calls to REST-based web services and while I am having success, I'm struggling on how to parse out the results (I admit I'm very green at this):

Here's the code retrieving the JSON response:

```
w !,"Get the JSON"
Set Result = {}.%FromJSON(Request.HttpResponse.Data)
```

This has Result as a Library.DynamicObject.

I can then write out the response using:

```
w !,Result.%ToJSON()
```

This works, I can see the response is valid and what I want. Here is the JSON returned (de-identified):

```
{
  "RecordIDs": [
    {
      "ID": "1234",
      "Type": "INTERNAL"
    },
    {
      "ID": "1234",
      "Type": "EXTERNAL"
    }
  ],
  "ContactIDs": null,
  "Items": [
    {
      "ItemNumber": "320",
      "Value": null,
      "Lines": [
        {
          "LineNumber": 0,
          "Value": "1",
          "Sublines": null
        },
        {
          "LineNumber": 1,
          "Value": "100063287",
          "Sublines": null
        }
```

```
            ]
        }
    ]
}
```

What is the easiest method to get the LineNumber Values out? I could potentially have several so I'm trying to get an output kind of like Value1\Value2\Value3 so I can piece them out later.

Appreciate any advice - I'll keep pluggin away on it.

#Beginner #JSON #ObjectScript #Caché

Source URL:https://community.intersystems.com/post/retrieving-values-json-librarydynamicobject-20171