

JSON example

```
execute ibeblock
as
begin
  SimpleJsonData =
  '{
    "FirstObject" : { "IntValue" : 123456,
                      "StringValue" : "First line" },
    "SecondObject" : { "IntValue" : 654321,
                       "StringValue" : "First line\nSecond line\nThird
line" },
    "ThirdObject" : { "NumValue" : 123.456,
                      "Items" : [ 123,
                                   123.123,
                                   null,
                                   "some \"string\"",
                                   false ] }
  }';

  JsonRoot = ibec_json_Parse(SimpleJsonData);
  try
    Node = ibec_json_SelectNode(JsonRoot, 'SecondObject\\StringValue', 0);
  -- case sensitive search
  if (Node is not null) then
  begin
    v = ibec_json_GetNodeValue(Node, TRUE);
    ibec_ShowMessage(v);
  end;

  -- Iterating arrays, using Json namespace functions and constants

  sOut = 'List of array values:' + ibec_CRLF() +
        '=====';
  ArrayNode = @Json.SelectNode(JsonRoot, 'thirdobject\\items',
@Json.SEARCH_IGNORE_CASE); -- case insensitive search
  if (ArrayNode is not null) then
  begin
    NodeType = @Json.NodeType(ArrayNode);
    if (NodeType = @Json.TYPE_ARRAY) then
    begin
      iCount = @Json.ChildCount(ArrayNode);
      for i = 0 to (iCount - 1) do
      begin
        ChildNode = @Json.SelectNode(ArrayNode, i,
@Json.SEARCH_BY_INDEX);
        vValue = @Json.GetNodeValue(ChildNode, TRUE);
        s = ibec_IIF(vValue is null, '<NULL>', ibec_Cast(vValue,
__typeString));
```

```
        sOut .= ibec_CRLF() + 'Value ' + ibec_Cast(i, __typeString) + ':  
' + s;  
        end;  
        ibec_ShowMessage(sOut);  
    end;  
end;  
  
finally  
    ibec_json_Free(JsonRoot);  
end  
end
```

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