vbscript import json data with javascript

VBScript does not have native support for parsing JSON data. However, it is possible to leverage JavaScript's built-in `JSON.parse()` method within a VBScript environment, particularly when working with Windows Script Host (WSH) or Classic ASP. This is achieved by creating an `htmlfile` ActiveX object and using its `parentWindow` to execute JavaScript code.

Here's how to import and parse JSON data in VBScript using JavaScript:

- Create an `htmlfile` object: This object provides a window environment where JavaScript can be executed.

```
Dim html
Set html = CreateObject("htmlfile")
```

- Access the `parentWindow`: This object represents the window context of the `htmlfile` object.

```
Dim window
Set window = html.parentWindow
```

- **Execute JavaScript to parse JSON:** Use `window.execScript` to run JavaScript code that assigns the JSON string to a JavaScript variable and then parses it using `JSON.parse()`.

```
Dim strJsonData
strJsonData = "{""name"":""John Doe"",""age"":30}" ' Example JSON
string

window.execScript "var parsedData = JSON.parse('" & strJsonData &
"');", "JScript"
```

- **Access the parsed JavaScript object from VBScript:** The parsed JavaScript object can then be accessed as a property of the `window` object in VBScript.

```vbscript
    Dim parsedObject
    Set parsedObject = window.parsedData

    ' Now you can access properties of the parsed JSON data
    WScript.Echo "Name: " & parsedObject.name
    WScript.Echo "Age: " & parsedObject.age
```

Complete Example:

```vbscript
Dim html, window, strJsonData, parsedObject

' Example JSON string
strJsonData = "{""name"":""John Doe"",""age"":30,""city"":""New
York""}"

' Create htmlfile object and access its window
Set html = CreateObject("htmlfile")
Set window = html.parentWindow

' Execute JavaScript to parse the JSON string
window.execScript "var parsedData = JSON.parse('" & strJsonData &
"');", "JScript"

' Access the parsed JavaScript object
Set parsedObject = window.parsedData

' Access and display data
WScript.Echo "Name: " & parsedObject.name
WScript.Echo "Age: " & parsedObject.age
WScript.Echo "City: " & parsedObject.city

' Clean up
Set parsedObject = Nothing
Set window = Nothing
Set html = Nothing
```