

Article

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Post / Send XML using %Net.HttpRequest and save response to a file

This code snippet sends an XML request to a server and saves the response to a file. The class method "test" runs the code:

```
Class objectscript.postXML
{
    classmethod test() {
        Set HTTPRequest = ##class(%Net.HttpRequest).%New()
        Set HTTPRequest.ContentType = "text/xml"
        Set HTTPRequest.NoDefaultContentCharset = 1
        Set HTTPRequest.Location = "ITOMCZ"
        Set HTTPRequest.Server = "wph.foactive.com"
        Do HTTPRequest.RemoveHeader("User-Agent")
        Do HTTPRequest.RemoveHeader("Accept-Encoding")
        Do HTTPRequest.RemoveHeader("Connection")
        Do HTTPRequest.SetHeader("Expect", "100-continue")

        Set RequestXML = ##class(%Library.File).%New("c:\test.xml")
        Do RequestXML.Open("RS")
        Do HTTPRequest.EntityBody.CopyFrom(RequestXML)
        Do RequestXML.%Close()

        Do HTTPRequest.Post(HTTPRequest.Location)

        Do $System.OBJ.Dump(HTTPRequest)
        Do $System.OBJ.Dump(HTTPRequest.HttpResponse)

        Write HTTPRequest.HttpResponse.Data.Size
        Write HTTPRequest.ContentLength

        Set ResponseStream = ##class(%Stream.FileBinary).%New()
        // Second part is typically the file extension, i.e.: application/pdf -> pdf
        Set FileType = $Piece(HTTPRequest.HttpResponse.GetHeader("CONTENT-
TYPE"),"/",2)
        Set ResponseStream.Filename = "C:\test."_FileType

        Write ResponseStream.CopyFrom(HTTPRequest.HttpResponse.Data)

        Write ResponseStream.%Save()
        Do ResponseStream.%Close()
    }
}
```

Here's a link to the code on [GitHub](#)

[#Code Snippet](#) [#ObjectScript](#) [#Caché](#)

Source

URL:<https://community.intersystems.com/post/post-send-xml-using-nethttprequest-and-save-response-file>