Question
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Help with Mime attachment HTTP post request

I believe the I have followed the instructions to attach a document to the body of a post request but nothing is being sent out in the files{} port of the request. I can either get the stream in "data", not visible at all, or visible but no form data. Any help would be appreciated, below is what I have:

```
ClassMethod SendFax(phone As %String, coverpath As %String, docpath As %String) As %String
{
  Set req = ##class(%Net.HttpRequest).%New()
    //test server
    Set req.Server = "httpbin.org"
    Set req.SSLConfiguration = "CardChoice"

    Do req.InsertFormData("Username",##class(HData.SiteSettings).GetFaxLogin())
    Do req.InsertFormData("Password",##class(HData.SiteSettings).GetFaxPassword())
    Do req.InsertFormData("ProductId",##class(HData.SiteSettings).GetFaxProductId())
  Do req.InsertFormData("cookies","false")
    Do req.InsertFormData("header","header")

    //Create job name for fax
    Set sendDate = +$H
    Set sendTime = $P($ZTIMESTAMP,",",2)+(15*60)
    Set schedDate = $ZDATETIME(sendDate_","_sendTime,1,4)
    Set schedDate = $E(schedDate,1,16)_" "_$E(schedDate,17,18)
    Set docList = $LFS(docpath,"\")
    Set docName = $LISTGET(docList,$LL(docList))
    Do req.InsertFormData("JobName",schedDate_docName)

    //format phone number and set billing code
    Set num = $REPLACE(phone,"-","")
    Do req.InsertFormData("BillingCode",num)
    Do req.InsertFormData("Numbers1",num)


    //get notification email
    Set email = ##class(HData.SiteSettings).GetFaxNotifyEmail()
    If (email '= "") Do req.InsertFormData("FeedbackEmail",email)

     // Create a new MIME message into which we'll insert
    // one or more MIME parts
    Set mimeMsg = ##class(%Net.MIMEPart).%New()

    // Create the MIME part
    Set mimePart = ##class(%Net.MIMEPart).%New()

    // The body of the part is the file stream
    Set docStream=##class(%FileBinaryStream).%New()
    &js<alert("#(docpath)#")>
    Set docStream.Filename = docpath
    Do docStream.LinkToFile(docpath)
    Set base64 = ##class(%SYSTEM.Encryption).Base64Encode(docStream)
```

```
 Do mimePart.BodySet(docStream)
 //Set mimePart.Body = base64

 // Note: ContentTransferEncoding must be explicitly set to something or
 // an error is generated. Can set it to an empty string.
 //Set mimePart.ContentTransferEncoding = "quoted-printable"
 //Set mimePart.ContentTransferEncoding = "base64"

 //Set the Content Type
 Set mimePart.ContentType = "application/pdf"

 // Add any custom headers
 //Do mimePart.SetHeader("Content-Disposition","attachment; name=""Files1""; filename="""docName_"""")

 // Insert the part into the MIME message
 Set sc = mimeMsg.Parts.Insert(mimePart)
 Quit:$System.Status.IsError(sc)
 Set mimeMsg.ContentType = "multipart/form-data"
 Do mimeMsg.SetHeader("Content-Disposition","attachment; name=""Files1""; filename="""_docName_"""")
 Set mimeMsg.ContentTransferEncoding = "base64"

 // Create a MIME writer to output the MIME message
 Set mimeWriter = ##class(%Net.MIMEWriter).%New()
 Set sc = mimeWriter.OutputToStream(req.EntityBody)
 Quit:$System.Status.IsError(sc)

 Set sc = mimeWriter.WriteMIMEBody(mimeMsg)
 Quit:$System.Status.IsError(sc)

 // Store the output from the MIME writer in the EntityBody of the request
 //Set req.EntityBody = stream

 // Force the content type of the message to be multipart form data
 // NOTE: By default the ContentType comes from the EntityBody
 // so to explicitly set this, it must happen AFTER setting the EntityBody
 //Set req.ContentType = "multipart/form-data;boundary=" mimeMsg.Boundary


 // Post the request
 Set err = ""
Do req.Post("post")

 If '$IsObject(req.HttpResponse) {
    s err = "Response Error"
    Quit ""
 }

 If '$IsObject(req.HttpResponse.Data) {
    s err = "Data Error"
    Quit ""
 }

 Set response = req.HttpResponse.Data.Read()
Set ^response = response
 &js<alert("#(response)#")>

 Quit response
```

#Code Snippet #REST API #Frontend #Caché

Source URL:https://community.intersystems.com/post/help-mime-attachment-http-post-request