Question
Yone Moreno · Sep 24, 2021

Add parameter "name" inside "Content-Type" header when we send a MTOM attachment using a SOAP request

Hello,

first of all thanks for your time reading this question, and thanks for your time:

We are expected to send a file as an attachment in a SOAP request using MTOM protocol.

It is expected to include a "name" parameter inside the "Content-Type" header, as we show below:



Currently, we have developed a SOAP Operation which sends the files using MTOM protocol, however it is not including the parameter "name" inside "Content-Type" header, as you would observe:



How could we adapt it to send the parameter "name"?

Could you provide us some example or documentation?

We have read:

https://docs.intersystems.com/irislatest/csp/docbook/DocBook.UI.Page.cls...

https://docs.intersystems.com/irislatest/csp/docbook/DocBook.UI.Page.cls...

https://docs.intersystems.com/irisforhealthlatest/csp/docbook/DocBook.UI...

What steps would you follow to develop this feature?

What is the documentation or examples we could read to achieve this?

➡ Thanks for your time, and thanks for answering this question

EDIT: Currently our Web Client is as follows:

```
Class WSCLIENTE.HistoriaClinica.FicheroVacuServiceSOAP Extends %SOAP.WebClient [ Proc
edureBlock ]
{

/// This is the namespace used by the Service
Parameter NAMESPACE = "http://[namespace]";

///  20/09/21 Cambiamos a 0, con el objetivo de quitar el xsi:type
Parameter OUTPUTTYPEATTRIBUTE = 0;

/// Determines handling of Security header.
Parameter SECURITYIN = "ALLOW";

/// This is the name of the Service
Parameter SERVICENAME = "FicheroVacuService";

Parameter SOAPVERSION = 1.1;

/// This is the SOAP version supported by the service.
Parameter MTOMREQUIRED = 1;

Method cargarFichero(fichero As %GlobalBinaryStream, ccaaId As EsquemasDatos.Historia
Clinica.tns.CCAAIdType(REQUIRED=1), tipoFichero As EsquemasDatos.HistoriaClinica.tns.
TipoFicheroType(REQUIRED=1)) As EsquemasDatos.HistoriaClinica.tns.InfoFicheroType(XML
NAME="responseFichero") [ Final, ProcedureBlock = 1, SoapBindingStyle = document, Soa
pBodyUse = literal, WebMethod ]
{
  //Header - Addresing
 set addressing = ..crearAddressing()

 set addressing.Action = "cargarFichero"

 set ..AddressingOut                = addressing
 set ..AddressingOut.mustUnderstand = "1"

 set ..MTOMRequired=1
 Quit ..WebMethod("cargarFichero","CargarFicheroVacuRequest").Invoke($this,"[endpoint
]/cargarFichero",.fichero,.ccaaId,.tipoFichero)
}


Method crearAddressing() As %SOAP.Addressing.Properties
{
    set IPRedSanitaria = ##class(Util.TablasMaestras).getValorMaestra("PARAMETROS","I
PRedSanitaria")
     set puertoRespuestas = ##class(Util.TablasMaestras).getValorMaestra("PARAMETROS"
,"PuertoRespuestasSSL")
     set ReplyTo = ##class(%SOAP.Addressing.EndpointReference).%New()
     set ReplyTo.Address = "http://www.w3.org/2005/08/addressing/anonymous"
     //set ReplyTo.Address = "https://"_IPRedSanitaria_":"_puertoRespuestas_"/csp/SNS
/Servicios.ProgramasAsistenciales.SIFCOv02r00.cls"
     set MessageId = ##class(Util.FuncionesComunes).getUID()
```

```
	set addressing = ##class(%SOAP.Addressing.Properties).%New()
	set addressing.MessageId = MessageId
	set addressing.Destination = ..Location
	set addressing.ReplyEndpoint = ReplyTo

	Quit addressing
}


}
```

#Code Snippet #SOAP #Caché
$ZV: Cache for UNIX (Red Hat Enterprise Linux for x86-64) 2017.2.1 (Build 801318358U) Tue Jul 24 2018 16:36:10 EDT

Source URL:https://community.intersystems.com/post/add-parameter-name-inside-content-type-header-when-we-send-mtom-attachment-using-soap-request