

Question

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Validating HS.FHIRServer.Interop.Request

Hello community,

I'm trying to validate a HS.FHIRServer.Interop.Request received from an HS.FHIRServer.Interop.Service, which looks more or less like this example

```
<?xml version="1.0" ?>
<!-- type: HS.FHIRServer.Interop.Request id: 33 -->
<Request xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:s="http://www.w3.org/2001/XMLSchema-instance">
  <Request>
    <TimestampUTC>2022-01-11T15:14:03Z</TimestampUTC>
    <SessionApplication>[REDACTED]</SessionApplication>
    <RequestMethod>POST</RequestMethod>
    <RequestPath>QuestionnaireResponse</RequestPath>
    <IsRecursive>false</IsRecursive>
    <BaseUrl>[REDACTED]</BaseUrl>
    <AdditionalInfo>
      <AdditionalInfoItem AdditionalInfoKey="CSPSessionId">GiiJSP8feH</AdditionalInfoItem>
      <AdditionalInfoItem AdditionalInfoKey="ClientAddr">[REDACTED]</AdditionalInfoItem>
    </AdditionalInfo>
  </Request>
</Request>
```

It is quite intuitive to gain access to basic properties like

```
$$$TRACE("Request Method: " _ pRequest.Request.RequestMethod)
```

But when I try to get access to the AdditionalInfoItems (especially the 'ClientAddr' element) simplicity is over.

As `$$$TRACE("Request contains " _ pRequest.Request.AdditionalInfo.Count() _ " Info items.")` results in printout of a correct number of elements, a for loop

```
for tCount=1:1:pRequest.Request.AdditionalInfo.Count() {
  set tItem = pRequest.Request.AdditionalInfo.GetAt(tCount)
  $$$TRACE("Current info item: " _ tItem)
}
```

just prints empty Strings. As AdditionalInfoItem only extends %Library.String (<https://docs.intersystems.com/irisforhealthlatest/csp/documatic/%25CSP.D...>) I am somewhat at a loss as to how to get access to both key and value of the object.

I would be very grateful for a hint.

Regards,

Martin

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Product version: IRIS 2021.1

\$ZV: IRIS for UNIX (SUSE Linux Enterprise Server for x86-64) 2021.1 (Build 215U) Wed Jun 9 2021 09:48:27 EDT

Source URL: <https://community.intersystems.com/post/validating-hsfhirserverinteroprequest>