

Question

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Get FHIR resource content as stream

Hi,

I am looking for a way to retrieve stream data from a FHIR resource. In my case the resourceType is "DocumentReference" and the the Base64 content is stored just as in the FHIR R4 specification

```
"resource": {
  "id": "66bd8775-68ef-4710-a3a1-03114341a61a",
  "resourceType": "DocumentReference",
  "meta": {
    "profile": [
      "http://fhir.ch/ig/ch-core/StructureDefinition/ch-core-documentreference"
    ]
  },
  "status": "current",
  "content": [
    {
      "attachment": {
        "contentType": "application/pdf",
        "data": "JVBERi0xLjQKJdPr6..."
      }
    }
  ]
}
```

I am interested in the data field but was not able to find a suitable method yet to access the contents of field data as a stream.

In an upward process step I´ve transformed the received FHIR bundle using [HS.FHIR.DTL.vR4.Model.Resource.Bundle](#) to retrieve a bundle object model. That way I was able to work with the contents of the bundle and am now at the point to use the document. Anyway using the contents of "data" would require a stream to retrieve for further processing. Is there any way the framework can be used to accomplish this?

best regards,
sebastian

[#FHIR #InterSystems IRIS for Health](#)

Product version: IRIS 2020.4

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