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Question

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## How to convert a FHIR Patient resource in XML format into a Cache object

Hi.

We are going to have basic patient demographic data coming in to Cache via a webservice. I thought that I should define the input as XML something like the FHIR format (with UK extensions).

In the past we've input XML streams and used the `%XML.Reader` to convert them to matching classes successfully, so I thought it would be easy. However, I've found that the FHIR format stores everything in attributes like:

```
<gender value="male"/>
<birthDate value="1982-01-23"/>
```

Looking in the Cache documentation [here](#) there seems no easy way to make a property match to an attribute of "value" without defining another class for each item with a single property called "value" and `XMLPROJECTION = "ATTRIBUTE"`. Is that correct or have I missed something? I could invest in Ensemble or IRIS (though I can see nothing different in the IRIS documentation), but seems overkill for one small inbound message. Or should I forget FHIR and stick to a simple XML structure.

Thanks / Mike

[#FHIR](#) [#XML](#) [#Caché](#)

Product version: Caché 2018.1

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Source URL: <https://community.intersystems.com/post/how-convert-fhir-patient-resource-xml-format-cache-object>