Question

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How Does InterSystems FHIR profile validation works?

Hi folks!

Examining FHIR profile validation with InterSystems FHIR server. FHIR profiles is a very useful feature of FHIR standard that helps an organization or solution to establish constraints to a very disperse FHIR standards that are relevant to a particular business solution. Learn more on FHIR profiles.

I created a very simple FHIR profile with the following JSON:

Spoiler

As you can see in "differential" section it makes mandatory fields of id, name and gender.

I managed to successfully submit the profile via the POST request to:

`localhost:52773/fhir/r4/StructureDefinition`

Then I submitted the following test Patient profile, where I omitted the "id" field and included the FHIR profile link in the meta section to:

`localhost:52773/fhir/r4/Patient`

```
{

"resourceType": "Patient",

"meta": {

"profile": [

"http://example.org/fhir/StructureDefinition/TutorialPatient"
]

},

"text": {

"div": "<div xmlns=\"http://ww.w3.org/1999/xhtml\"><h1>Elon Musk</hi>/div>",

"status": "generated"
},

"name": [
```

```
{

"use": "official",

"given": [

"Elon"
],

"family": "Ramesh"
}

],

"gender": "male",

"birthDate": "1997-09-08",

"telecom": [

{

"value": "9876543210",

"use": "mobile",

"system": "phone"
},

{

"system": "email",

"value": "elon.musk@gmai.com"
}

]

}
```

And instead of the expected error I'm getting the successfully created patient.

What am i doing wrong? How are the FHIR validation profiles supposed to be used in InterSystems FHIR server?

#FHIR #JSON #InterSystems IRIS for Health

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