Question
saranraj Rasu · Oct 15, 2019

Graphql API using Fhir

Hi,

I am new to fhir framework, I have searched articles to write graphql API using FHIR i did not get any proper tutorial for this. I need to find better tutorial or articles for this. I have written API using graphql, typescript with mongodb. Can some one tell why we need resourcetype, identifier in fhir.

Also i have tried github code based on fhir using javascript. The source code i got from "https://github.com/Asymmetrik/graphql-fhir" here i tried to save patient informations

```
mutation{
PatientCreate(id: "PatientMani", resource: {
resourceType: Patient
name: [{
given: ["mani"]
prefix: ["Mr"]
period: {
start "2019-10-14T13:33:43.145Z"
end: "2019-10-30T13:33:43.145Z"
}
}]
gender: "Male"
birthDate : "1992-01-06"
deceasedBoolean: false
identifier: {

assigner: "Saranraj Rasu"
}
deceasedDateTime: "1992-01-06T13:33:43.145Z"
address: {
use: "PDY",
city: "shanmugapuram"
district: "Pondicherry"
state: "Pondicherry"
postalCode: "605009"
country: "India"
period: {
start "1992-01-06T13:33:43.145Z"
end: "2019-10-15T13:33:43.145Z"
}
}
contact: {
name: {
family: "Manifamily"
given: ["Vinoth"]
prefix: ["Mr"]
}
period: {
start "1992-01-06T13:33:43.145Z"
end: "2019-10-15T13:33:43.145Z"
```

```
}
gender: "Male"
address: {
use: "PDY",
city: "shanmugapuram"
district: "Pondicherry"
state: "Pondicherry"
postalCode: "605009"
country: "India"
period: {
start: "1992-01-06T13:33:43.145Z"
end: "2019-10-15T13:33:43.145Z"
}
}
}
}) {
id
name{
given
}
gender
}
}
```

This exact input i need to give mutation but i got error i need help to fix this issue.

```
{
  "errors": [
  {
  "path": [
  "PatientCreate"
  ],
  "message": "Identifier 'version' has already been declared",
  "locations": [
  {
  "line": 2,
  "column": 3
  }
  ],
  "extensions": {
  "resource": {
  "resourceType": "OperationOutcome",
  "issue": [
  {
  "severity": "error",
  "code": "exception",
  "diagnostics": "Identifier 'version' has already been declared"
  }
  ]
  }
  }
  }
  ],
  "data": {
  "PatientCreate": null
  }
}
```

#FHIR #InterSystems IRIS #InterSystems IRIS for Health

Source URL:https://community.intersystems.com/post/graphql-api-using-fhir