

GE Healthcare – Edison Developer Portal



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GE Edison Developer Portal API

We provide an open API (Scheduling FHIR API) that allows users to have access to hospital's workflow data. Data is stored in an intermediate database daily in order to avoid any impact on the RIS during the day. The API exposes data through FHIR V4.0 resources. Fast Healthcare Interoperability Resources (FHIR, pronounced "Fire") is a standard describing data formats and elements (known as "resources") and an application programming interface (API) for exchanging electronic health records (EHR). The standard was created by the Health Level Seven International (HL7) health-care standards organization. You can find more info related to FHIR here:

https://en.wikipedia.org/wiki/Fast_Healthcare_Interoperability_Resources

Below are the available resources that allow to the users to develop applications for scheduling:

Appointment: <http://hl7.org/fhir/StructureDefinition/Appointment>

Patient: <http://hl7.org/fhir/StructureDefinition/Patient>

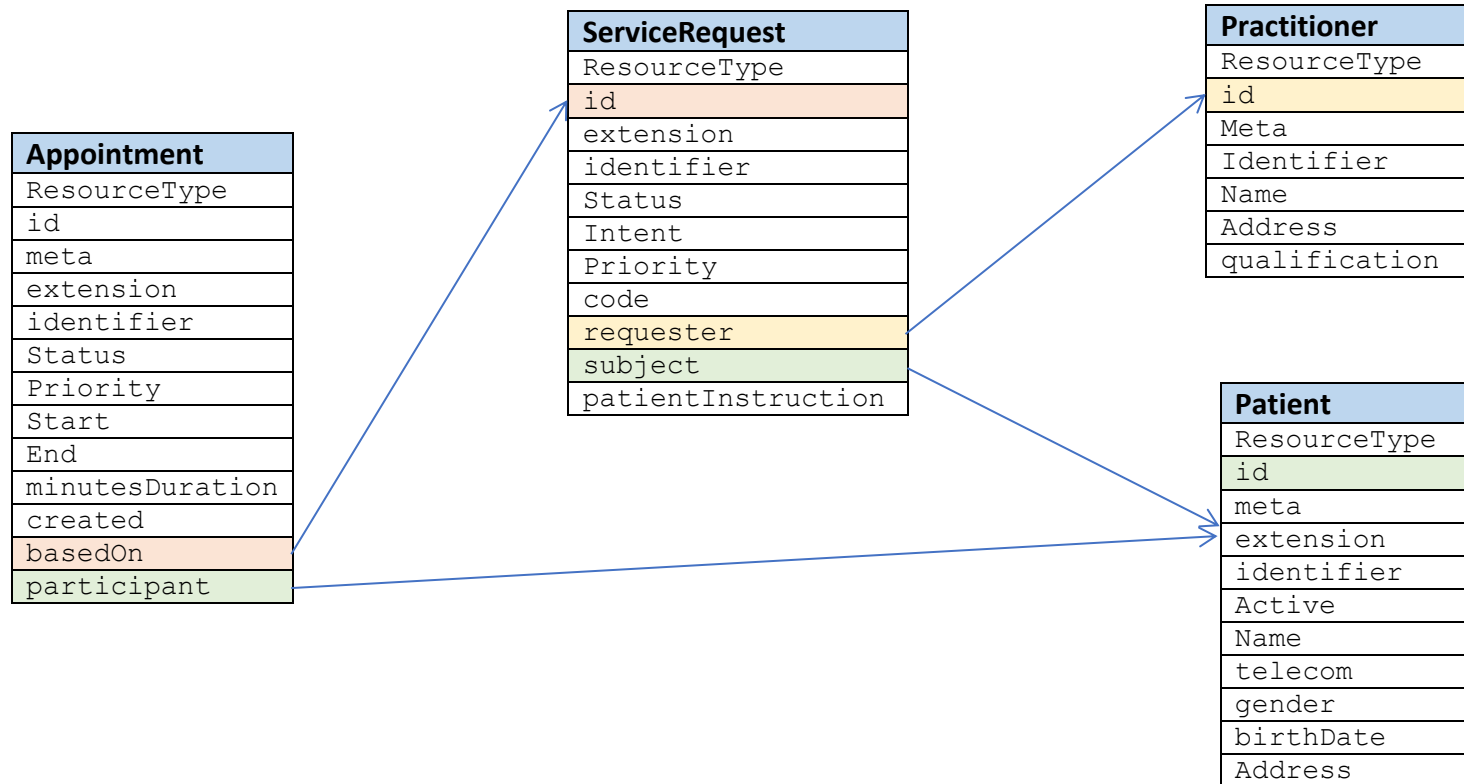
Location: <http://hl7.org/fhir/StructureDefinition/Location>

Practitioner: <http://hl7.org/fhir/StructureDefinition/Practitioner>

HealthcareService: <http://hl7.org/fhir/StructureDefinition/HealthcareService>

ServiceRequest: <http://hl7.org/fhir/StructureDefinition/ServiceRequest>

Schema of GE FHIR API resources



Examples:

1st entry in resource Appointment :

```
-----  
resourceType : Appointment  
id : 1  
meta : {'lastUpdated': '2019-06-14T16:03:09.000+00:00'}  
extension : [{'url': 'http://ge.com/dwetl/fhir#app_modality', 'valueString': 'US'}]  
identifier : [{'system': 'http://ge.com/dwetl/fhir/api_id', 'value': 'RISic.1003626'}]  
status : noshow  
priority : 0  
start : 2016-10-23T13:00:00.000+00:00  
end : 2016-10-23T14:00:00.000+00:00  
minutesDuration : 60  
created : 2013-10-09T11:00:00+00:00  
basedOn : [{'reference': 'ServiceRequest/322947'}]  
participant : [{'actor': {'reference': 'Patient/83229'}, 'status': 'accepted'}]
```

1st entry in resource ServiceRequest :

```
-----  
resourceType : ServiceRequest  
id : 1  
meta : {'lastUpdated': '2019-06-14T15:46:32.000+00:00'}  
extension : [{'url': 'http://ge.com/dwetl/fhir#sr_modality', 'valueString': 'CT'}]  
identifier : [{'value': 'RISic.1869940'}]  
status : unknown  
intent : order  
priority : routine  
code : {'text': 'CTPLAI'}  
subject : {'reference': 'Patient/1'}  
requester : {'reference': 'Practitioner/186'}  
patientInstruction : 0
```



1st entry in resource Practitioner :

```
-----  
resourceType : Practitioner  
id : 1  
meta : {'lastUpdated': '2019-06-14T15:53:06.000+00:00'}  
identifier : [{'system': 'http://ge.com/dwetl/fhir/api_id', 'value': 'RISic.1'}]  
name : [{'text': 'RefFirst1 RefLast1', 'family': 'RefLast1', 'given': ['RefFirst1']}]  
address : [{'postalCode': '37865'}]  
qualification : [{'code': {'text': 'REFERRING'}}]
```

1st entry in resource Patient :

```
-----  
resourceType : Patient  
id : 80196  
meta : {'lastUpdated': '2019-06-14T15:52:09.000+00:00'}  
extension : [{'url': 'http://ge.com/dwetl/fhir#custom_fields', 'extension': [{'url': 'custom1', 'valueString': '9049802'}]}]  
identifier : [{'system': 'http://ge.com/dwetl/fhir/api_id', 'value': 'RISic.52729'}]  
active : True  
name : [{'use': 'official', 'text': 'Patient80196 Patient80196', 'family': 'Patient80196', 'given': ['Patient80196']}]  
telecom : [{'value': '9049802', 'use': 'home'}]  
gender : unknown  
birthDate : 1960-01-14  
address : [{'use': 'home', 'postalCode': '37801'}]
```

