



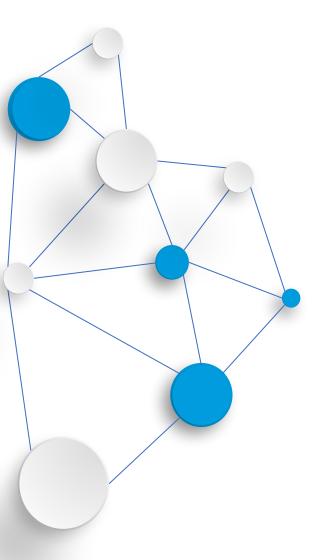
HL7 FHIR Lectura Guia de Implementación

Oficina General de Tecnologías de la Información

NOVIEMBRE 2024







IG FHIR Guía de Implementación FHIR



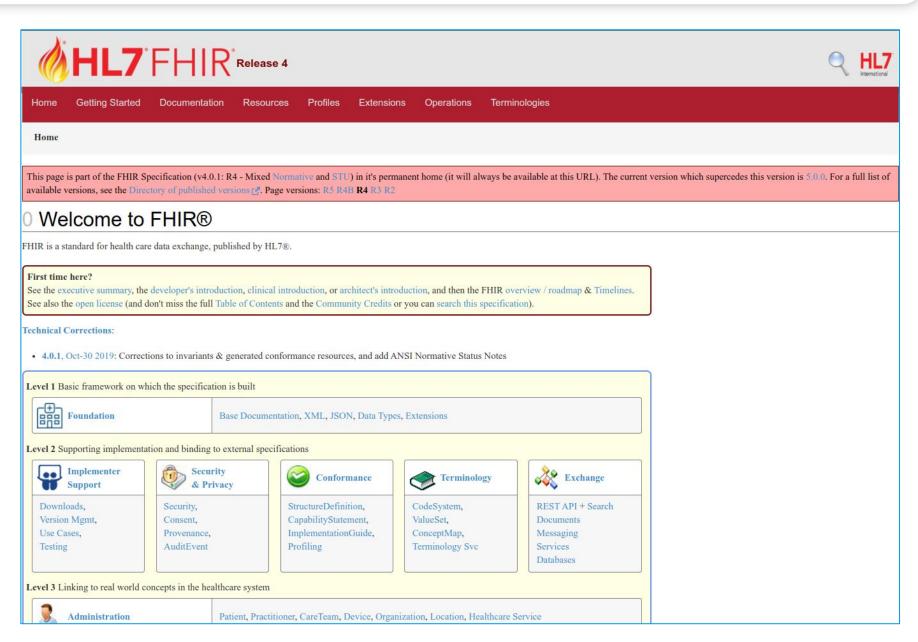
Guía de Implementación - Versiones



https://hl7.org/fhir/R4B/

https://hl7.org/fhir/R4/

https://hl7.org/fhir/





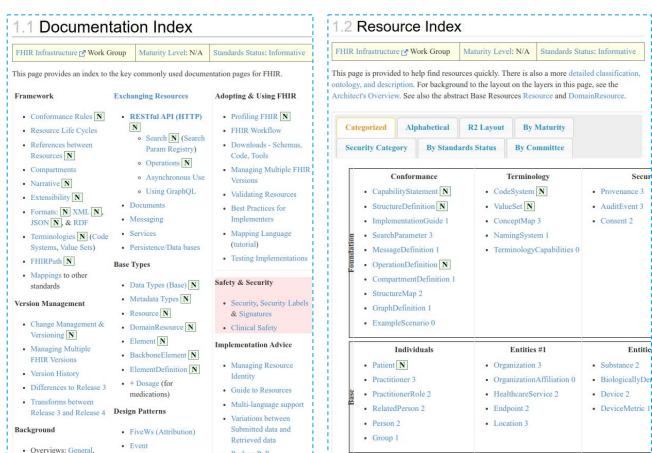
Visitando los menús de la GI



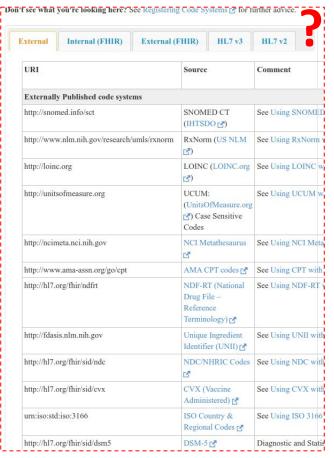


Secur

Entitie



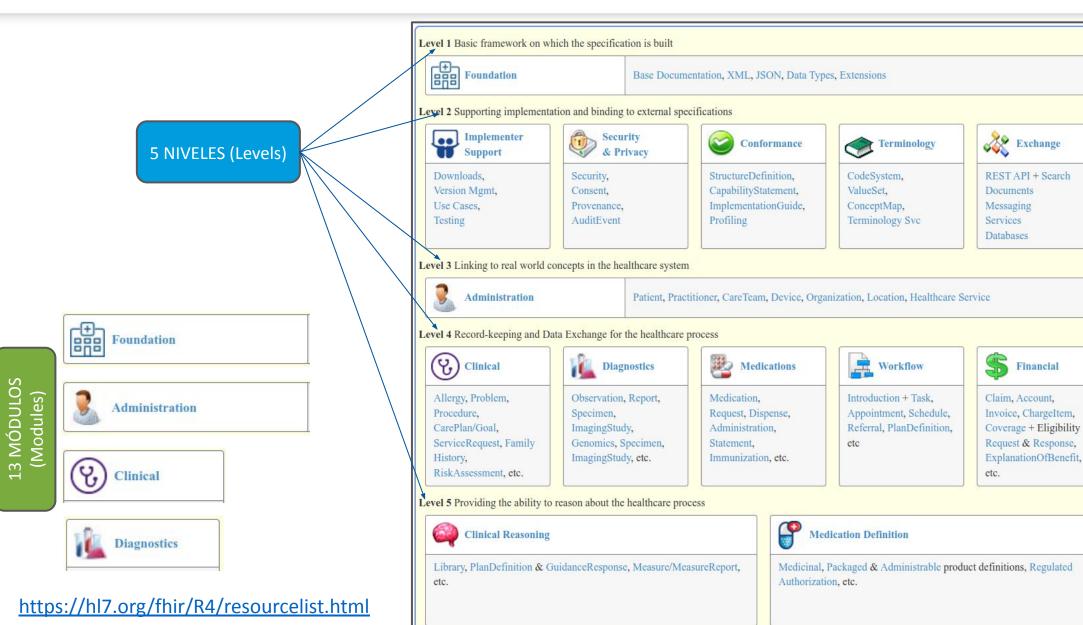
· Push vs Pull





Distribución de recursos







Información de módulos (Module)





13.0 Financial Module

13.0.1 Introduction

The Financial module covers the resources and services provided by FHIR to support the costing, financial transactions and billing which occur within a healthcare provider as well as the eligibility, enrollment, authorizations, claims and payments which occur between healthcare providers and insurers and the reporting and notification between insurers and subscribers and patients.

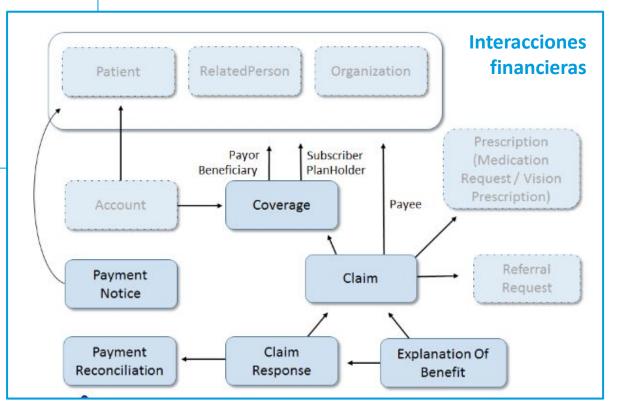
See also the Administration and WorkFlow modules.

13.0.2 Index

- Account
- Contract
- Coverage
- · CoverageEligibilityRequest
- · CoverageEligibilityResponse

- EnrollmentRequest
- EnrollmentResponse
- Claim
- ClaimResponse

- PaymentNotice
- PaymentReconciliation
- ExplanationOfBenefit
- VisionPrescription





Contenido del recurso





8.7 Resource Location - Content

| Patient Administration (2) Work Group | Maturity Level: 3 | Trial Use | | Compartments: Not linked to any defined compartments | |
|---------------------------------------|----------------------|--------------|--|--|--|
|---------------------------------------|----------------------|--------------|--|--|--|

Details and position information for a physical place where services are provided and resources and participants may be stored, found, contained, or accommodated.

8.7.1 Scope and Usage

A Location includes both incidental locations (a place which is used for healthcare without prior designation or authorization) and dedicated, formally appointed locations. Locations may be private, public, mobile or fixed and scale from small freezers to full hospital buildings or parking garages.

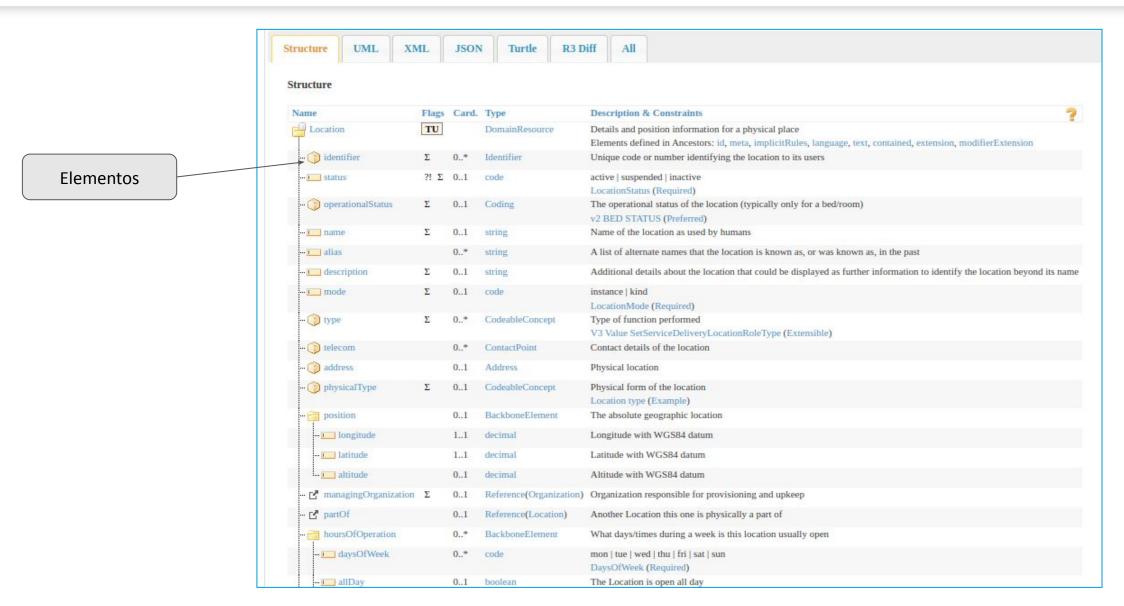
Examples of Locations are:

- · Building, ward, corridor, room or bed
- · Mobile Clinic
- · Freezer, incubator
- · Vehicle or lift
- · Home, shed, or a garage
- · Road, parking place, a park
- · Ambulance (generic)
- · Ambulance (specific)
- · Patient's Home (generic)
- Jurisdiction



Contenido del recurso

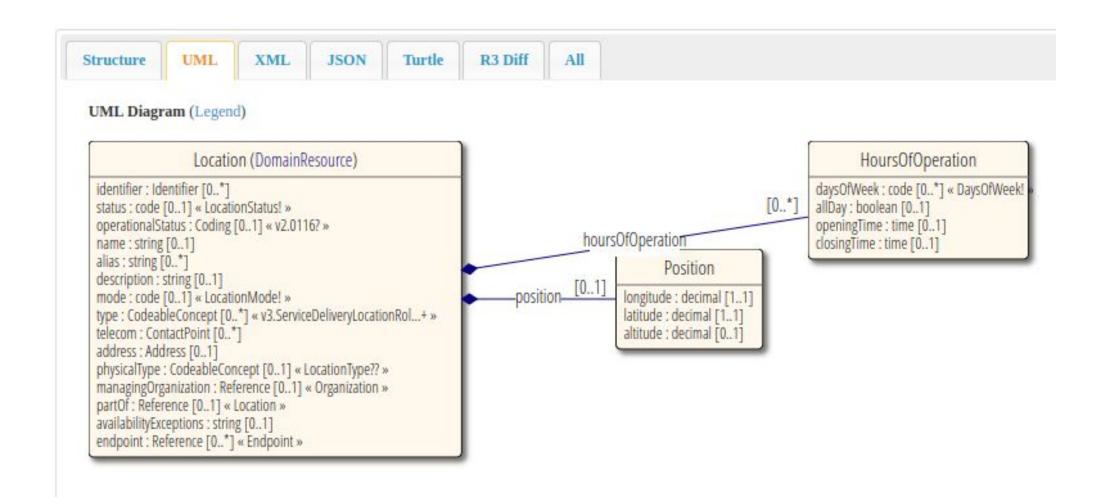






Contenido del recurso







</position>

</hoursOfOperation>

</Location>

e location --></endpoint>

keep --></managingOrganization>

Contenido del recurso



R3 Diff UML JSON Turtle Structure XML Template <Location xmlns="http://hl7.org/fhir"> <!-- from Resource: id, meta, implicitRules, and language --> <!-- from DomainResource: text, contained, extension, and modifierExtension --> <identifier><!-- 0..* Identifier Unique code or number identifying the location to its users --></identi</pre> fier> <status value="[code]"/><!-- 0..1 active | suspended | inactive --> <operationalStatus><!-- 0..1 Coding The operational status of the location (typically only for a bed/roo</pre> m) --></operationalStatus> <name value="[string]"/><!-- 0..1 Name of the location as used by humans --> <alias value="[string]"/><!-- 0..* A list of alternate names that the location is known as, or was known as, in the past --> <description value="[string]"/><!-- 0..1 Additional details about the location that could be displayed a</pre> s further information to identify the location beyond its name --> <mode value="[code]"/><!-- 0..1 instance | kind --> <type><!-- 0..* CodeableConcept Type of function performed --></type> <telecom><!-- 0..* ContactPoint Contact details of the location --></telecom> <address><!-- 0..1 Address Physical location --></address> <physicalType><!-- 0..1 CodeableConcept Physical form of the location --></physicalType> <position> <!-- 0..1 The absolute geographic location --> <longitude value="[decimal]"/><!-- 1..1 Longitude with WGS84 datum --> <latitude value="[decimal]"/><!-- 1..1 Latitude with WGS84 datum --> <altitude value="[decimal]"/><!-- 0..1 Altitude with WGS84 datum -->

<managingOrganization><!-- 0..1 Reference(Organization) Organization responsible for provisioning and up</pre>

<endpoint><!-- 0..* Reference(Endpoint) Technical endpoints providing access to services operated for th</pre>

<part0f><!-- 0..1 Reference(Location) Another Location this one is physically a part of --></part0f>

<hoursOfOperation> <!-- 0..* What days/times during a week is this location usually open -->

<availabilityExceptions value="[string]"/><!-- 0..1 Description of availability exceptions -->

<daysOfWeek value="[code]"/><!-- 0..* mon | tue | wed | thu | fri | sat | sun -->

<allDay value="[boolean]"/><!-- 0..1 The Location is open all day -->

<openingTime value="[time]"/><!-- 0..1 Time that the Location opens -->

<closingTime value="[time]"/><!-- 0..1 Time that the Location closes -->

Structure UML XML JSON Turtle R3 Diff All

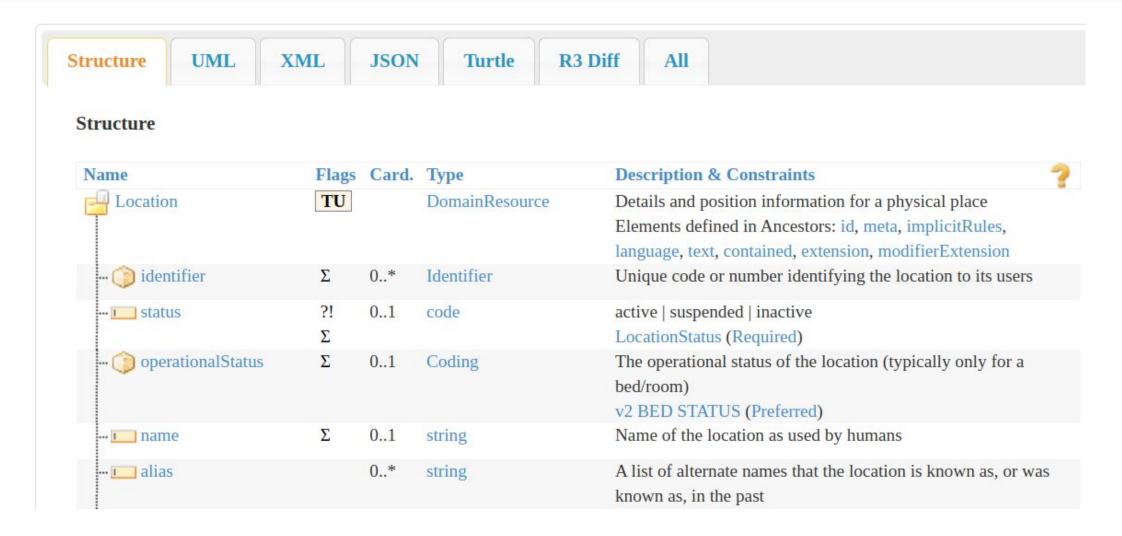
JSON Template

```
"resourceType" : "Location",
  // from Resource: id, meta, implicitRules, and language
  // from DomainResource: text, contained, extension, and modifierExtension
  "identifier" : [{ Identifier }], // Unique code or number identifying the location to its users
  "status" : "<code>", // active | suspended | inactive
  "operationalStatus" : { Coding }, // The operational status of the location (typically only for a bed/r
com)
  "name" : "<string>", // Name of the location as used by humans
  "alias" : ["<string>"], // A list of alternate names that the location is known as, or was known as, in
the past
  "description": "<string>", // Additional details about the location that could be displayed as further
information to identify the location beyond its name
  "mode" : "<code>", // instance | kind
  "type" : [{ CodeableConcept }], // Type of function performed
  "telecom" : [{ ContactPoint }], // Contact details of the location
  "address" : { Address }, // Physical location
  "physicalType" : { CodeableConcept }, // Physical form of the location
  "position" : { // The absolute geographic location
   "longitude" : <decimal>, // R! Longitude with WGS84 datum
   "latitude" : <decimal>, // R! Latitude with WGS84 datum
   "altitude" : <decimal> // Altitude with WGS84 datum
  "managingOrganization" : { Reference(Organization) }, // Organization responsible for provisioning and
  "partOf" : { Reference(Location) }, // Another Location this one is physically a part of
  "hoursOfOperation" : [{ // What days/times during a week is this location usually open
   "daysOfWeek" : ["<code>"], // mon | tue | wed | thu | fri | sat | sun
   "allDay" : <boolean>, // The Location is open all day
   "openingTime": "<time>", // Time that the Location opens
   "closingTime" : "<time>" // Time that the Location closes
  "availabilityExceptions" : "<string>", // Description of availability exceptions
  "endpoint" : [{ Reference(Endpoint) }] // Technical endpoints providing access to services operated for
the location
```



Estructura de un elemento



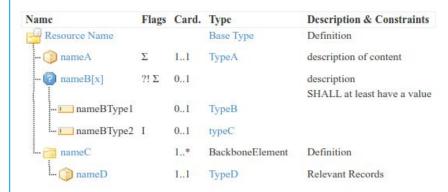




Estructura de un elemento



Formatos Tabla Lógica



Key to Type Icons

- P: The base element for a resource (see Resources)
- 🚞: An element that is part of the resource and has elements within it defined in the same resource or profile
- 2 : An element which can have one of several different types (see below)
- An element of a data type which describes an element that has a value attribute/property. These are also known as primitive types. All primitive type names start with a lower case letter
- (i): An element of a data type which describes an element that has other elements. These are known as complex types. All complex type names defined in this specification start with an uppwer case letter
- \(\mathbb{C} \): An element that contains a reference to another resource (see references)
- 😹: This element has the same content as another element defined within this resource or profile
- E: Introduction of a set of slices (see Slicing)
- * A complex extension one with nested extensions (see Extensibility)
- * : An extension that has a value and no nested extensions (see Extensibility)
- A complex modifier extension one with nested extensions (see Extensibility)
- ★: A modifier extension that has a value and no nested extensions (see Extensibility)
- E: The root of a logical profile

Key to Flags

Tipo de Íconos



Política de gestión de versiones







El proceso de desarrollo de estándares

Draft Trial Use Normative Informative Deprecated

| Individuals | Entities #1 | Entities #2 | Workflow |
|--------------------|------------------------------------|------------------------------|-----------------------|
| • Patient N | Organization 3 | Substance 2 | • Task 2 |
| • Practitioner 3 | OrganizationAffiliation 0 | BiologicallyDerivedProduct 0 | Appointment 3 |
| PractitionerRole 2 | HealthcareService 2 | • Device 2 | AppointmentResponse 3 |
| • RelatedPerson 2 | • Endpoint 2 | DeviceMetric 1 | • Schedule 3 |
| • Person 2 | Location 3 | | • Slot 3 |
| • Group 1 | | | VerificationResult 0 |





