



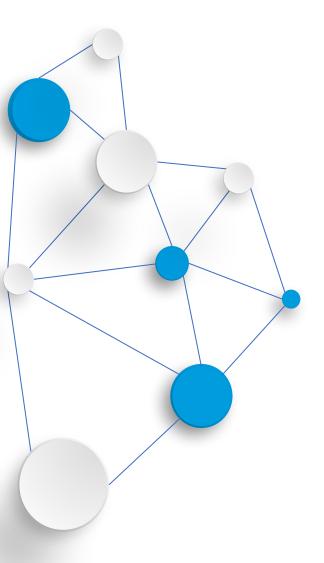
HL7 FHIR Paciente

Oficina General de Tecnologías de la Información

NOVIEMBRE 2024





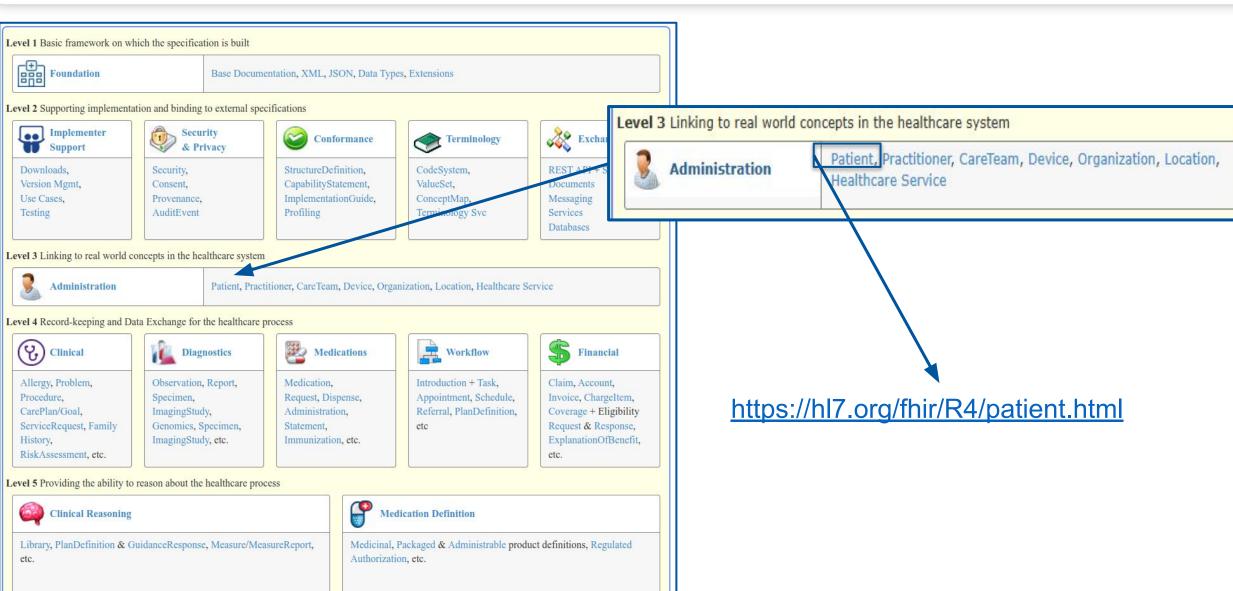


UBICACIÓN EN LA GI FHIR



Recurso Paciente:







Contenido del recurso

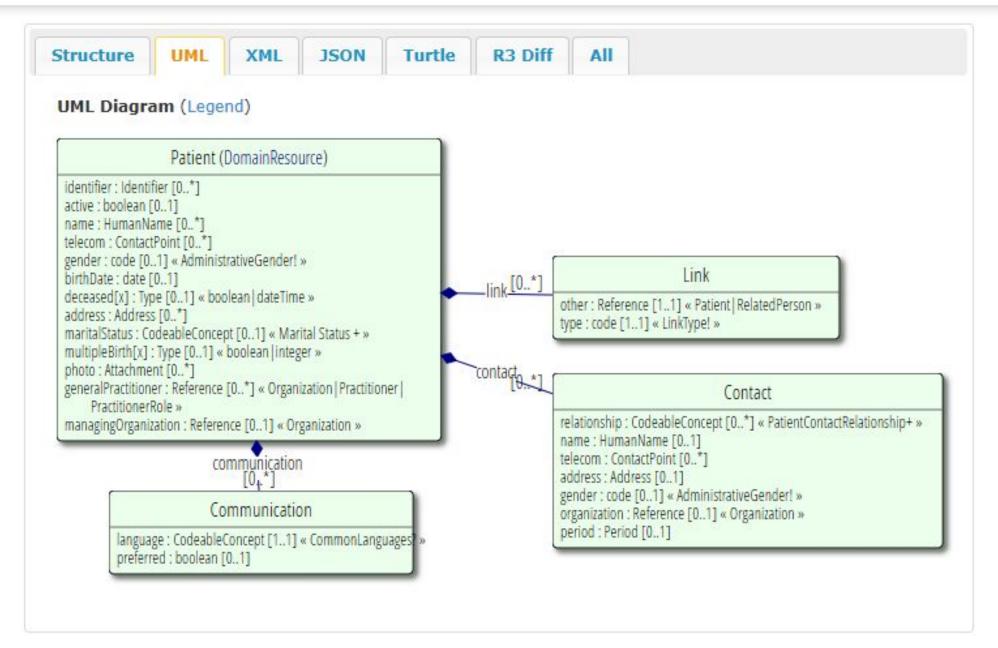


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tructure									
Name			Flags Card.		Туре		Descr	Description & Constraints	
Patient			N		DomainRe	source	Inform	ation about an individual or animal receiving health care services	
- (identif	ier		Σ	0*	Identifier			nts defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtens ntifier for this patient	
active			?! Σ	01	boolean		Wheth	er this patient's record is in active use	
-) name		Σ	0*	HumanName		A nam	e associated with the patient		
- 🕠 telecom		Σ	0*	ContactPoint		A cont	act detail for the individual		
gender		Σ	01	code			female other unknown istrativeGender (Required)		
- DirthDate		Σ	01	date			te of birth for the individual		
- @ deceas	sed[x]		?! Σ	01			Indicat	tes if the individual is deceased or not	
🛄 dec	easedBoo	lean			boolean				
dec	easedDate	eTime			dateTime				
- () addres	ss		Σ	0*	Address		An add	dress for the individual	
- () marita	maritalStatus			01	CodeableC	oncept		(civil) status of a patient (Status (Extensible)	
multip	leBirth[x]			01			Wheth	er patient is part of a multiple birth	
III mul	ltipleBirth	Boolean			boolean				
mul	ltipleBirth1	Integer			integer				
photo				0*	Attachmen	t	Image	of the patient	
contac			I	0*	BackboneE		+ Rule	act party (e.g. guardian, partner, friend) for the patient :: SHALL at least contain a contact's details or a reference to an organization	
	ationship			0*	CodeableC		Patient	nd of relationship t Contact Relationship (Extensible)	
- (ii) nan				01	HumanNar			e associated with the contact person	
- (ii) tele				0*	ContactPoi	nt		act detail for the person	
(add				01	Address			s for the contact person	
🗀 gen				01	code		Admin	female other unknown istrativeGender (Required)	
	anization		I	01		Organization)		zation that is associated with the contact	
- peri				01	Period			riod during which this contact person or organization is valid to be contacted relating to this patient	
commi				0*	BackboneE		000000	uage which may be used to communicate with the patient about his or her health	
- (i) lang				11	CodeableC	oncept	Comm	nguage which can be used to communicate with the patient about his or her health on Languages (Preferred but limited to AllLanguages)	
- pre				01	boolean	0		age preference indicator	
- 🖪 genera	alPractition	ner		0*	Practition		Patient	s nominated primary care provider	
- 🗗 manag	gingOrgan	ization	Σ	01			Organi	zation that is the custodian of the patient record	
link			?! Σ	0*	BackboneE	lement	Link to	another patient resource that concerns the same actual person	
- 🗗 oth	er		Σ	11	Reference(RelatedPer		The ot	her patient or related person resource that the link refers to	
type	е		Σ	11	code	58		ed-by replaces refer seealso pe (Required)	



Contenido del recurso







Contenido del recurso



```
Structure
              UML
                                 JSON
                                           Turtle
                                                       R3 Diff
JSON Template
   "resourceType" : "Patient",
   // from Resource: id, meta, implicitRules, and language
   // from DomainResource: text, contained, extension, and modifierExtension
   "identifier" : [{ Identifier }], // An identifier for this patient
   "active" : <boolean>, // Whether this patient's record is in active use
   "name" : [{ HumanName }], // A name associated with the patient
   "telecom" : [{ ContactPoint }], // A contact detail for the individual
   "gender" : "<code>", // male | female | other | unknown
   "birthDate" : "<date>", // The date of birth for the individual
   // deceased[x]: Indicates if the individual is deceased or not. One of these 2:
   "deceasedBoolean" : <boolean>,
   "deceasedDateTime" : "<dateTime>",
   "address" : [{ Address }], // An address for the individual
   "maritalStatus" : { CodeableConcept }, // Marital (civil) status of a patient
   // multipleBirth[x]: Whether patient is part of a multiple birth. One of these 2:
   "multipleBirthBoolean" : <boolean>,
   "multipleBirthInteger" : <integer>,
   "photo" : [{ Attachment }], // Image of the patient
   "contact" : [{ // A contact party (e.g. guardian, partner, friend) for the patient
     "relationship" : [{ CodeableConcept }], // The kind of relationship
     "name" : { HumanName }, // A name associated with the contact person
     "telecom" : [{ ContactPoint }], // A contact detail for the person
     "address" : { Address }, // Address for the contact person
     "gender" : "<code>", // male | female | other | unknown
     "organization" : { Reference(Organization) }, // C? Organization that is associated with the contact
     "period" : { Period } // The period during which this contact person or organization is valid to be c
 ontacted relating to this patient
   "communication" : [{ // A language which may be used to communicate with the patient about his or her h
     "language" : { CodeableConcept }, // R! The language which can be used to communicate with the patie
 nt about his or her health
     "preferred" : <boolean> // Language preference indicator
   "generalPractitioner" : [{ Reference(Organization|Practitioner|
    PractitionerRole) }], // Patient's nominated primary care provider
   "managingOrganization" : { Reference(Organization) }, // Organization that is the custodian of the pati
 ent record
   "link" : [{ // Link to another patient resource that concerns the same actual person
     "other" : { Reference(Patient|RelatedPerson) }, // R! The other patient or related person resource t
 hat the link refers to
     "type" : "<code>" // R! replaced-by | replaces | refer | seealso
   }]
```



Principales Componentes del recurso



Componente	Descripción	Ejemplo
Identifier	Identificaciones únicas para el paciente (e.g., seguro, registro médico).	"12345", "Seguro XYZ"
Name	Nombre completo con soporte para múltiples representaciones (e.g., oficial, apodo).	"John Doe", "Dr. Doe"
Gender	Sexo del paciente: masculino, femenino, otro, desconocido.	"male", "female"
BirthDate	Fecha de nacimiento para calcular la edad.	"1980-01-01"
Address	Dirección física, incluyendo ciudad, estado y país.	"Springfield, USA"
Telecom	Información de contacto como teléfono y correo.	"555-1234, john@example.com"
Deceased[x]	Indica si el paciente está vivo o fallecido.	"false, 2023-10-01"
Communication	Idiomas hablados y preferencias de comunicación.	"Español, Inglés"
Contact	Personas de contacto en emergencias, como familiares o cuidadores.	"Jane Doe (hermana)"



Ejemplo JSON Patient



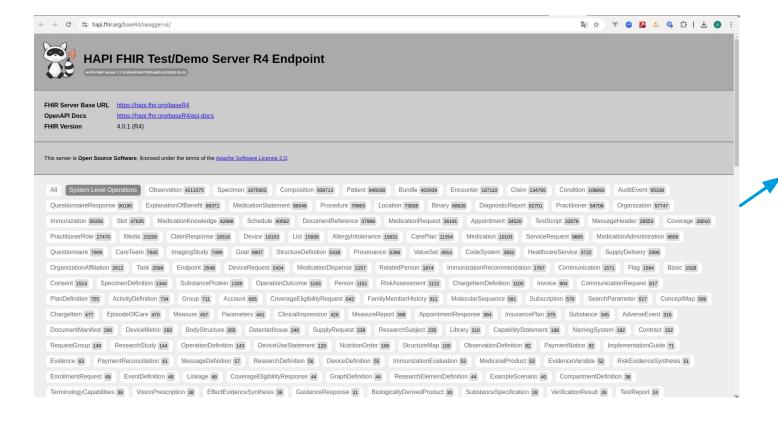
```
"resourceType": "Patient",
"id": "example",
"identifier": [
       "use": "official",
       "value": "12345"
],
"name": [
        "use": "official",
        "family": "Doe",
        "given": [
            "John"
"gender": "male",
"birthDate": "1980-01-01",
"address": [
       "city": "Springfield",
        "country": "USA"
```



API Rest Hapi Fhir - Swagger-ui



https://hapi.fhir.org/baseR4/swagger-ui/



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HIR Server Base URL penAPI Docs HIR Version	Introcitional this complement of Introcitional this complement of Introcitional this complement of Introcitional this complement of Introcition (Introcition Introcessing Intercept of Introcessing Intercept Intercep	
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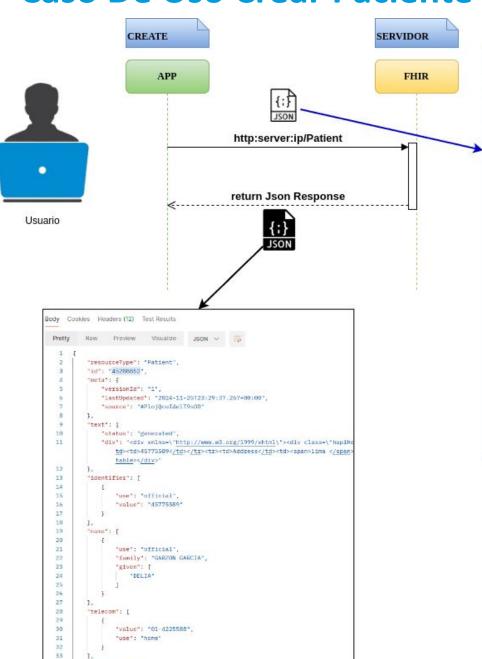
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FHIR-XML-RESOURCE >



Caso De Uso Crear Paciente





"gender": "male".

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    https://hapi.fhir.org/baseR4/Patient

Params Authorization Headers (9) Body • Pre-request Script Tests Settings
○ none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL JSON ∨
 2 "resourceType": "Patient",
3 "identifier": [
5 "use": "official",
    "value": "45775589"
в _____],
    "name": [
11
    "use": "official",
    "family": "GARZON GARCIA",
13
    "given": [
14 .--- *OELIA*
15 ----1
16 --- 3
17 -- ],
    ····telecom": [
19
20
     "use": "home",
21
     "value": "81-4225588"
22
23
    -1.
    "gender": "male",
      "birthDate": "1998-18-20",
     "address": [
27
28
             "city": "lima",
29
             "country": "Peru"
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31 --- ]
32 I
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Lenguajes de programación mediante librerias





https://central.sonatype.com/artifact/ca. uhn.hapi.fhir/hapi-fhir



https://github.com/smart-o n-fhir/client-js



https://pypi.org/project/fh ir.resources/



https://github.com/FirelyTea m/firely-net-sdk





