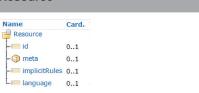


*HL7*FHIR* CHEATSHEET

DSTU-2

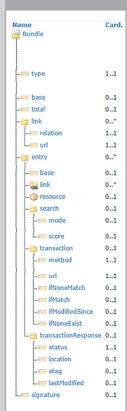
Resource





IVICIA	
Name	Card.
Meta	
versionId	01
lastUpdated	01
profile	0*
- 🏐 security	0*
L 🍅 tag	0*

Bundle



Operations

Validate a resource

[base]/[Resource]/\$validate [base]/[Resource]/[id]/\$validate

Meta operations

[base]/\$meta [base]/[Resource]/\$meta [base]/[Resource]/[id]/\$meta [base]/[Resource]/[id]/\$meta-add [base]/[Resource]/[id]/\$meta-delete

Generate a document

[base]/Composition/\$document

ConceptMap operations

[base]/ConceptMap/\$translate [base]/ConceptMap/[id]/\$translate [base]/ConceptMap/\$batch

Closure table maintenance

[base]/\$closure

DAF operations

[base]/Encounter/[id]/\$everything [base]/Patient/\$everything [base]/Patient/[id]/\$everything

Questionnaire operations

[base]/Questionnaire/\$populate [base]/Questionnaire/[id]/\$populate [base]/StructureDefinition/Squestionnaire [base]/StructureDefinition/[id]/\$questionnaire

Terminology operations

[base]/ValueSet/\$expand [base]/ValueSet/[id]/\$expand [base]/ValueSet/\$lookup

[base]/ValueSet/\$validate-code [base]/ValueSet/[id]/\$validate-code

[base]/ValueSet/\$batch

Interactions

Instance

READ	GET	[base-url]/[type]/[id]		
VREAD	GET	[base-url]/[type]/[id]/_history/[vid]		
UPDATE	PUT	[base-url]/[type]/[id]		
DELETE	DELETE	[base-url]/[type]/[id]		
HISTORY	GET	[base-url]/[type]/[id]/_history		
Type level				
CREATE	EATE POST [base-url]/[type]			
SEARCH	GET	[base=url]/[type]/ search?		

Moto

CREATE	POST	[base-url]/[type]
SEARCH	GET	[base-url]/[type]/_search?
HISTORY	GET	[base-url]/[type]/_history

Whole System

CONFORMANCE	GET	[base-url]/metadata	(OPTIONS	[base-url]
TRANSACTION	POST	[base-url]/			
HISTORY	GET	[base-url]/_history			
SEARCH	GET	[base-url]/			

Conditional Interactions

Containe	inorial interactions		
CREATE	POST	If-None-Exist: base/[type]?[search parameters] No matches: Create 1 match: 200 OK Multi matches: 412 Precondition Failed	
UPDATE	PUT	[base-url] /[type]/?[search parameters] No matches: Create 1 match: Update Multi matches: 412 Precondition Failed	
DELETE	DELETE	[base-url] /[type]/?[search parameters] No matches: 404 Not Found 1 match: Delete Multi matches: 412 Precondition Failed	

Terminology Systems

SNOMED CT http://snomed.info/sct http://loinc.org

http://unitsofmeasure.org

Version 2 table code http://hl7.org/fhir/v2/[x] Version 3 code system http://hl7.org/fhir/v3/[x] urn:ietf:rfc:3986

Search

Parameter Types

Base search URL base-url / resource ? parameter & parameters &

http://spark.furore.come/fhir/Patient?name=John number field (:modifier)=(comparator)number

length=27

date field (:modifier) = comparator yyyy-mm-ddThh:nn:ss(TZ)

birthdate=1964-12

string field (:modifier) = text

name=John

name:exact=John-William

field = namespace I code token

gender=F

gender=http://hl7.org/fhir/v3/AdministrativeGender|F

field (:modifier) = id Reference

subject:Patient=23

Quantity field = (comparator) number I namespace I code

value=5.4|http://unitsofmeasure.org|mg value=<5.4|http://unitsofmeasure.org|mg

Composite field = value , value

field = state\$value,state\$value

state-on-date=new\$2013-05-04,active\$2013-05-05

field =(:modifier) = url

url:below=http://acme.org/fhir/

Parameters for all resources

id id=23 language language=fr

lastUpdated lastUpdated=>2010-10-01 tag

tag=http://acme.org/codes|needs-review profile=http://hl7.org/fhir/StructureDefinition/lipid

profile security security = http://hl7.org/fhir/v3/ActCode CEL

text text=(bone OR liver) and metastases

content content=(bone OR liver) and metastases

query query=name¶meters

filter filter=name co "pe" or name co "pie"

Search result parameters

include=MedicationPrescription:patient&criteria... include revinclude revinclude=Provenance:target&criteria... count count=50 sort sort:asc=birthdate

summary summary = true contained

contained = true | false | both containedType = container | contained containedType

Chained parameters

GET [base-url]/DiagnosticReport?subject.name=peter