# FHIR R5

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#### **Common Questions**

- Where is the R5 spec?
- What changed?
- What is enhanced?
- What is new?
- How to transform from R4 to R5?
- Should I care about R5 if I use R4?
- What if I need to start a new project?
- What if I need something that requires R5

# Where is the spec?

http://hl7.org/fhir/

So R5 is now the "current" spe



Beware of that if you are using google to search for a specific resource (i.e. Patient) because you may reach a version of the standard or the resource that is not the one that you intended

You will notice which version you are viewing, at the top of the page header

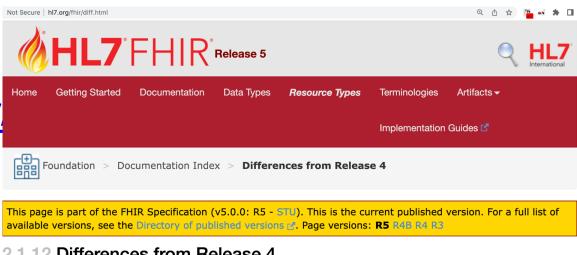
If you want to access a different version of the resource or page, use the yellow box:

This page is part of the FHIR Specification (v5.0.0: R5 - STU). This is the current published version. For a full list of available versions, see the Directory of published versions (r. R5 R4B R4 R3 R2).

# What changed?

## Check out

http://hl7.org/fhir



#### 2.1.12 Differences from Release 4

FHIR Infrastructure Work Group Maturity Level: N/A Standards Status: Informative

This is an automatically generated list of all the structural differences between FHIR R4 and this version. The following possible changes are checked when preparing this list (and others throughout the specification):

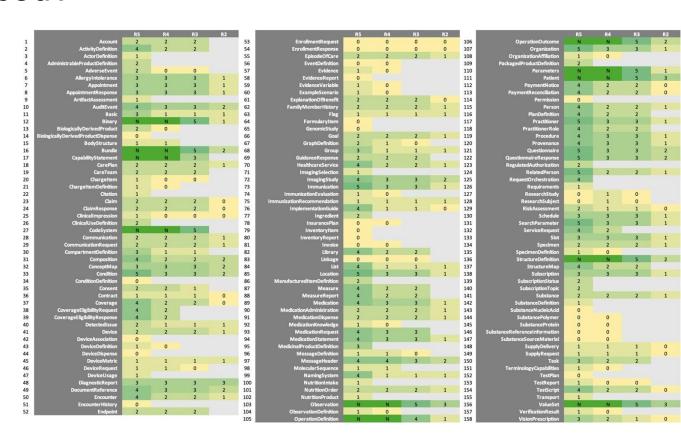
- · Addition or deletion of elements, or name change to elements
- Changes to minimum and maximum cardinality
- Changes to allowed types
- Changes to bindings for Extensible/Required bindings, and changes to codes if it's a required binding on a code

#### What is enhanced?

Credit: Richard Kavanagh published this in LinkedIn and we loved it!

https://tinyurl.com/rkfhir

This release is mostly about maturation of existing resources, correction of technical issues, and modest expansion



# What is new? New Resources

New Resources	Domain
MedicinalProductDefinition	Biomedical Research and Regulation
SubstanceDefinition	Biomedical Research and Regulation
<u>SubstancePolymer</u>	Biomedical Research and Regulation
SubstanceProtein	Biomedical Research and Regulation
SubstanceReferenceInformation	Biomedical Research and Regulation
<u>SubstanceSourceMaterial</u>	Biomedical Research and Regulation
<u>ArtifactAssessment</u>	Clinical Decision Support
EvidenceReport	Clinical Decision Support
GenomicStudy	Clinical Genomics
Citation	Clinical Reasoning
ConditionDefinition	Clinical Reasoning
ActorDefinition	Infrastructure
MetadataResource	Infrastructure
Requirements	Infrastructure
SubscriptionStatus	Infrastructure
Ingredient	Medication Definition
<u>BiologicallyDerivedProductDispense</u>	Orders And Observations
<u>DeviceDispense</u>	Orders And Observations
InventoryReport	Orders And Observations
<u>NutritionProduct</u>	Orders And Observations
Transport	Orders And Observations
EncounterHistory	Patient Administration
<u>Permission</u>	Security
1 (11111331011	Security

#### **New Sections**

Check out the Exchange section in documentation for a discussion and flowchart on how to combine and transport resources

# Subscriptions

Preadopted in R4B

New Resources and improved exchange paradigm

### How to transform from R4 to R5

Check out the diff page.

There are also computable transforms available.

The mapping uses the FHIR Mapping Language

# What if I need to start a new project?

Tricky question.
At least **know the changes**, in case you need to update your product for a new standard (R5 or beyond) in the future