Known Issues with the published FHIR Specifications

This page is effectively triage for candidate issues for future technical corrections.

Known R4 issues

- TIM-9 assumes that Timing.when does not repeat. The java validator still functions correctly because the java FHIRPath implementation doesn't follow this rule: "If the left operand has multiple items, an exception is thrown". See https://chat.fhir.org/#narrow/stream/173266-fhirpath/topic/tim-9 (note: the test care-plan.json test this, and needs correction too)
- Fixes to schematrons: https://chat.fhir.org/#narrow/stream/179166-implementers/topic/Schematron.20issue.20in.20R4
- Fixes to declaration of resource.id: https://chat.fhir.org/#narrow/stream/179166-implementers/topic/bug.20in.20canonical.20SD (FHIR-25274)
- https://chat.fhir.org/#narrow/stream/179166-implementers/topic/Composite.20search.20parameter.20expressions https://jira.hl7.org/browse/FHIR-25297
- https://chat.fhir.org/#narrow/stream/179239-tooling/topic/SubstanceNucleicAcid.20missing.20on.20some.20tabs
- Fix (probability is decimal) implies ((probability as decimal) <= 100) (see org.hl7.fhir.r5.validation.InstanceValidator.fixExpr(String))
- Also this: org.hl7.fhir.r5.validation.InstanceValidator.fixContexts(String, List<StructureDefinitionContextComponent>)
- Problems in definitions.json.zip: https://chat.fhir.org/#narrow/stream/179166-implementers/topic/cardinality.20for.20backbone.20in.20schema.20and.20data.20elements.20in.20d.2E.2E.2E
- con-3 error: https://chat.fhir.org/#narrow/stream/179166-implementers/topic/.24this.20Fhirpath.20interpretation
- The normative-version Extension is used outside of its defined scope and some resources have normative-version and standards-status that is incorrect.

Known R3 Technical Corrections

- http://hl7.org/fhir/SearchParameter/example duplicated in package
- https://chat.fhir.org/#narrow/stream/179177-conformance/topic/FHIR.203.2E0.2E2.2E.20Invalid.20eld-16.20constraint
- https://jira.hl7.org/browse/FHIR-25734
- https://chat.fhir.org/#narrow/stream/179177-conformance/topic/STU3.20StructureDefinition-example.20slicing

Known R2 issues

- missing id - https://chat.fhir.org/#narrow/stream/179166-implementers/topic/missing.20Id.20on.20profiled.20types.20in.20DSTU2