FHIR IG Review

The following checklist can be used as a template for performing an Implementation Guide review – it guides the overall process for the review.

This slide deck gives details for reviewing FHIR IGs: 2019-09 FHIR IG Review.pptx

To use this checklist, copy the content to a Word Document for each IG Review.

Step #1: Orientation / Conceptual

- Check stated Realm
- Check kind of IG – what expectations arise?
- Summarise what this IG does (is it clear from stated scope?)
- Check stated dependencies – if stated
- Check for missing appropriate dependencies

Step #2: Orientation / Technical

- Read note to balloters (if present)
- Check history notes
- Check qa.html

Step #3: Orientation / Approach

- Check kinds of exchanges
- APIs
- Document
- Messaging (o Check messaging protocol)
- Make list of kinds of information exchanged
- Check consistent with realm core expectations
- Make list of actors described in system
- Characterise as Producer | Consumer | Repository

Step #4: Capability Statement

- Check resources exposed. For each resource
- Check Interactions
- Check Search Parameters
- Modifiers
- Chaining
- Combinations
- Conformance expectations clear
- Check System Profile
- Check Use case Profiles
- Check Global Profiles

Step #5: Profiles

Check resources/profiles exposed. For each resource

- Check Text Summary – human to human
- Check Differential as summary (consistent with text summary?)
- Check what other related profiles exist in other IGs
- For each element in the differential:
  - Check definitions – changed? Needs to be changed?
  - Check any mappings added
  - Check cardinality
  - Check must support (and check it’s meaning is defined)
  - Check Terminology Binding
- Any orphan profiles?

Step #6: Extensions

Any extensions? For each extension:

- Check context of use
• check related extensions
• For each element in the differential:
• (as above)

Step #7: Value Sets / Code Systems

• Check Copyright (externally sourced content)
• Check Versioning
• For code systems: something that needed to be defined?

Step #8: Specific Requirements

• For each:
  • Defined / described?
  • Requirements described?
  • Do you agree?
• Security
• Error Handling
  • Specifying correct behaviour for operational failures
  • Mechanisms for handling erroneous data
• Audit / Provenance
• Consent / Privacy
• Test Cases / Conformance testing support
• Safety Issues (check)