### Scope

This guide aims to provide guidance on how HL7 FHIR can be used for supporting **FAIR health data** implementation and assessment. This project is intended to be the result of an active collaboration between the RDA and HL7 communities.

### What does FAIR mean?

**FAIR** stands for **F**indable, **A**ccessible, **I**nteroperable and **R**eusable

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| FAIR data - Wikipedia  Figure 1 – FAIR [SangyaPundir / [CC BY-SA](https://creativecommons.org/licenses/by-sa/4.0)] |

The [**FAIR principles**](https://www.go-fair.org/fair-principles) are **a minimal set of community-agreed guiding principles** and **practices** that allow both machines and humans to find, access, interoperate and re-use research data.

The FAIR principles are well received in international community and rapidly adopted by researchers.

More details about FAIR in the dedicated page.

### Goals

This project intends to contribute to the achievement of two main goal by realizing a set of identified actions as summarized by the following figure.

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| Figure 2 - Intended goals |

### IG Structure

Within the scope described above, this guide is attempting to also satisfy these objectives:

1. Facilitate the mutual understanding between the FAIR and the FHIR communities and enable a cooperative usage of the FHIR and FAIR paradigms, by providing cross-models mapping.
2. Support the health data FAIRness assessment by using FHIR conformance resources.

To achieve these objectives this guide has been structured in two main components:

1. An informative guidance providing general guidelines on the cooperative usage of FHIR and FAIR
2. A “true” FHIR IG providing set of FHIR conformance resources and examples that provide, for selected case(s), a practical example of how FAIRness can be realized and assessed by using HL7 FHIR.

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| Figure 3 – Structure of this guide |

### Authors and Contributors

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