### 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](FAIR.html).

### 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, specifically best practices for satisfying the FAIR principles when publishing FHIR resources
2. “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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| --- | --- | --- | --- |
| Roles | Name | Organization | Contact |
| Author | Giorgio Cangioli | HL7 Europe | giorgio.cangioli\_at\_hl7europe.org |
| Author | Kees van Bochove | The Hyve | <https://orcid.org/0000-0002-8589-060> |
|  |  |  |  |
| Contributor |  |  |  |
| Contributor |  |  |  |