

Harmonizing Base Profiles

FHIR Connectathon #35

Mikael Rinnetmäki
Sensotrend Oy
January 16, 2024



Subtopics (1/10)

Nordic experience: this includes topics like

- how to express multiple family names
- how to express that information is or should be reduced due to legislation on or rules for privacy / non-disclosure
- how and where to encode information on municipality or region

Tooling over conventions!



Subtopics (2/10)

Tooling over conventions!



Subtopics (3/10)

Gap between data needs (expressed in a common format - logical models).

- If the data needs are different (because of national regulation) then profiling differences are not a problem (i.e. there's no decision and no work that could be taken to fix that)



Subtopics (4/10)

Germany, “profile components”

Prohibiting unwanted elements reduces interoperability and imposes an ongoing cost on the community, so it should always be a last resort.



Subtopics (5/10)

Germany, “profile components”

Prohibiting unwanted elements reduces interoperability and imposes an ongoing cost on the community, so it should always be a last resort.



Subtopics (6/10)

Prohibiting unwanted elements reduces interoperability and imposes an ongoing cost on the community, so it should always be a last resort.



Subtopics (7/10)

<http://packages2.fhir.org/xig/>



Subtopics (8/10)

I think we should identify why we have to align our national profiles : for which use case ?

- As someone participating in the creation of the Finnish FHIR base profile specifications, I'm often faced with questions like "We need to specify how to describe that a part of patient's information should be masked, based on national legislation. We don't want to re-invent the wheel. Should we then perhaps adopt the [Danish way](#) of just using the [meta.security](#) label R, or the [Swedish way](#) of using specific codes that describe the specific legislation?"
- As an app developer, I find it unnecessarily difficult that I need to implement specific code to deal with the [Norwegian](#) and the [Swedish](#) extensions for the middle name, and that I know in Denmark they have a similar context but don't have an extension. The [EU Lab reports IG](#) has yet another set of extensions.



Subtopics (9/10)

Is a more universal profile acceptable within a national profiling ecosystem?



Subtopics (10/10)

Dutch profiles



Agenda

- Grahame: <http://packages2.fhir.org/xig/> + other views
- Jens: Tooling over conventions

