Are you developing the future of welfare?
Benefit from the Kela Personal Health Record Platform
The Personal Health Record Platform is part of Kanta services, which were voted the second most highly appreciated and recommendable Finnish network brand in a 2016 survey.
Changing the operating model for health and welfare services
PERSONAL HEALTH RECORD Platform

PHR ecosystem

Empowers citizens to be more involved
Promotes self-care and responsibility
Promotes preventive self-care
Supports self-care of chronic diseases
Self-care solutions are already under development. Join the movement!
Develop services to collect, store and analyse data

Use health data entered by professionals and by citizens
PHR will be ready for operation and for integration into your solution in autumn 2017
Chosen technologies

- HL7 FHIR
- OAuth 2.0
PERSONAL HEALTH RECORD Platform

The most promising modern e-health interoperability framework

Developer friendly

Plenty of open source libraries and tools available on the market

Mobile first
Authorization framework used by many online companies, including Google and Facebook

The OAuth profile for PHR is based on work done by SMART on FHIR and Argonaut projects
FHIR profiles are taking shape

• The elements of the national data model are available at http://simplifier.net/FinnishPHR

• Prepared in partnership with the ODA project and HL7 Finland Personal Health SIG
Designed for extension

• Feel free to extend the data model to build and test your app

• Ask for details of the extension process
PERSONAL HEALTH RECORD Platform

Principal elements of PHR

Apps for health and social welfare professionals

Apps for citizens

Resource server
- FHIR end-points
  - Actual PHR data

Authorization server
- OAuth 2.0 end-points
  - Certified app register
  - Pseudonymisation service
  - App authorising service for citizens
  - Tokens and permits

My Kanta pages

Suomi.fi e-Identification

Suomi.fi Digital Authorizations

Apps for health and social welfare professionals

Apps for citizens

FHIR end-points
- Actual PHR data

Authorization server
- OAuth 2.0 end-points
  - Certified app register
  - Pseudonymisation service
  - App authorising service for citizens
  - Tokens and permits

My Kanta pages

Suomi.fi e-Identification

Suomi.fi Digital Authorizations

Apps for health and social welfare professionals

Apps for citizens

FHIR end-points
- Actual PHR data

Authorization server
- OAuth 2.0 end-points
  - Certified app register
  - Pseudonymisation service
  - App authorising service for citizens
  - Tokens and permits

My Kanta pages

Suomi.fi e-Identification

Suomi.fi Digital Authorizations
Architecture and specs are under construction

- Consent mechanisms allowing professionals to access data
- Authorization and data security solutions
- Data models and FHIR implementation guides
- A set of certification criteria for apps is in preparation
- Upcoming legislation will enable apps to access official healthcare data
The PHR Sandboxes are open, with apps already under construction. Some of them are great! Could the next be yours? See more at www.kanta.fi/phr-developers
Design your app and hook it up to the sandbox!
Browse the data model, suggest an extension or leave a comment.