



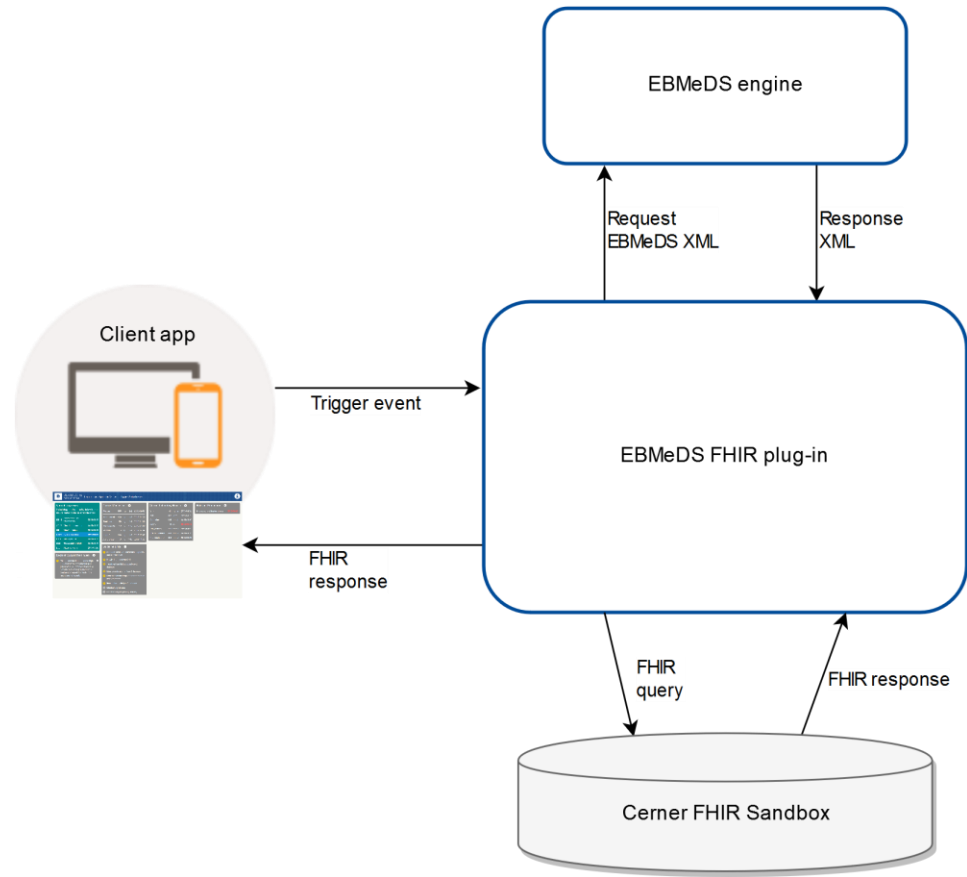
DUODECIM
Medical Publications Ltd.

EBMeDS on FHIR

HL7 FHIR seminar 29.11.
Scandic Simonkenttä, Helsinki

EBMeDS on FHIR

- Plug-in that enables provision of clinical decision support using FHIR
- Aim to add support for a more internationally acknowledged protocol than our own EBMeDS XML schema
- <https://fhir.ebmedscloud.org>
- <https://github.com/ebmeds/ebmeds-fhir>



What we've done so far

- FHIR implementations to some of our existing solutions
- Targeted both for citizens and professionals

Comprehensive Medication Review	SMART on FHIR
Finrisk calculator	CDS-hooks, SMART on FHIR
Health coaching for citizen's app	CDS-hooks
Generic decision support	CDS-hooks



Experiences

- Fun to get started with
- Sufficiently documented
- Popular, a lot of developers and companies involved
 - New ideas pop up all the time
 - High potential to open new business opportunities
- An efficient way for patient data exchange
 - EBMeDS can look for missing patient data using FHIR
 - New patient data could be saved with ease, e.g. questionnaire results
- CDS-hooks is promising



Challenges

- More complex to implement than you would think (what isn't?)
- FHIR servers are different. Situation is surely more manageable than ever before, but still, software needs adjustments in case multiple FHIR servers are to be supported.
- FHIR is in continuous move and things change often. Fast-paced changes add a level of complexity
- CDS + FHIR is fairly premature





DUODECIM
Medical Publications Ltd.