At the forefront of innovation

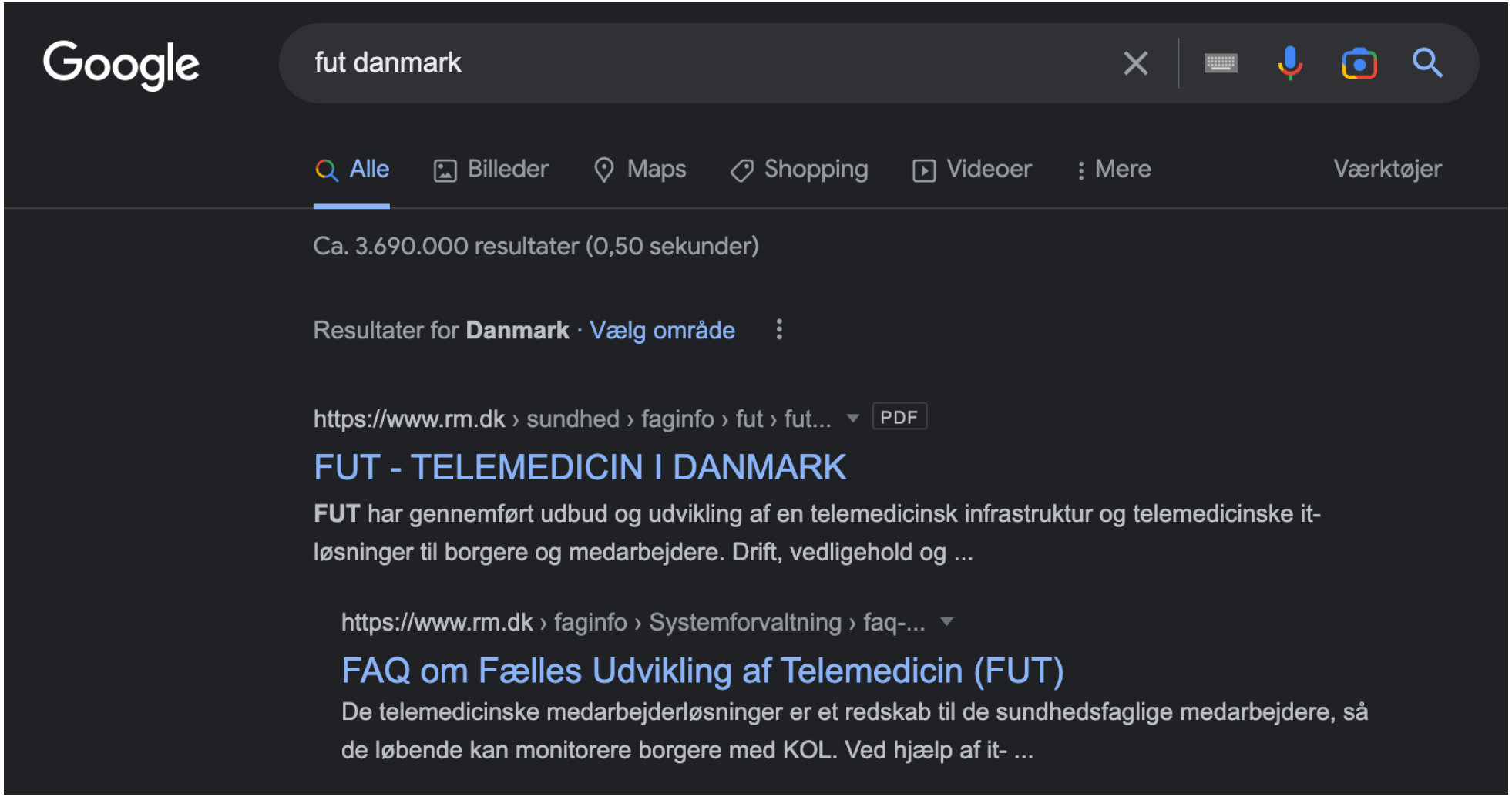
FUT (-> Fælles Understøttelse af Telemedicin)

Who am I?

What is FUT?

What is the goal with FUT?

#Where is there more material on it? Here -> https://ehealth-dk.atlassian.net/wiki/spaces/EDTW/overview?homepageId=753799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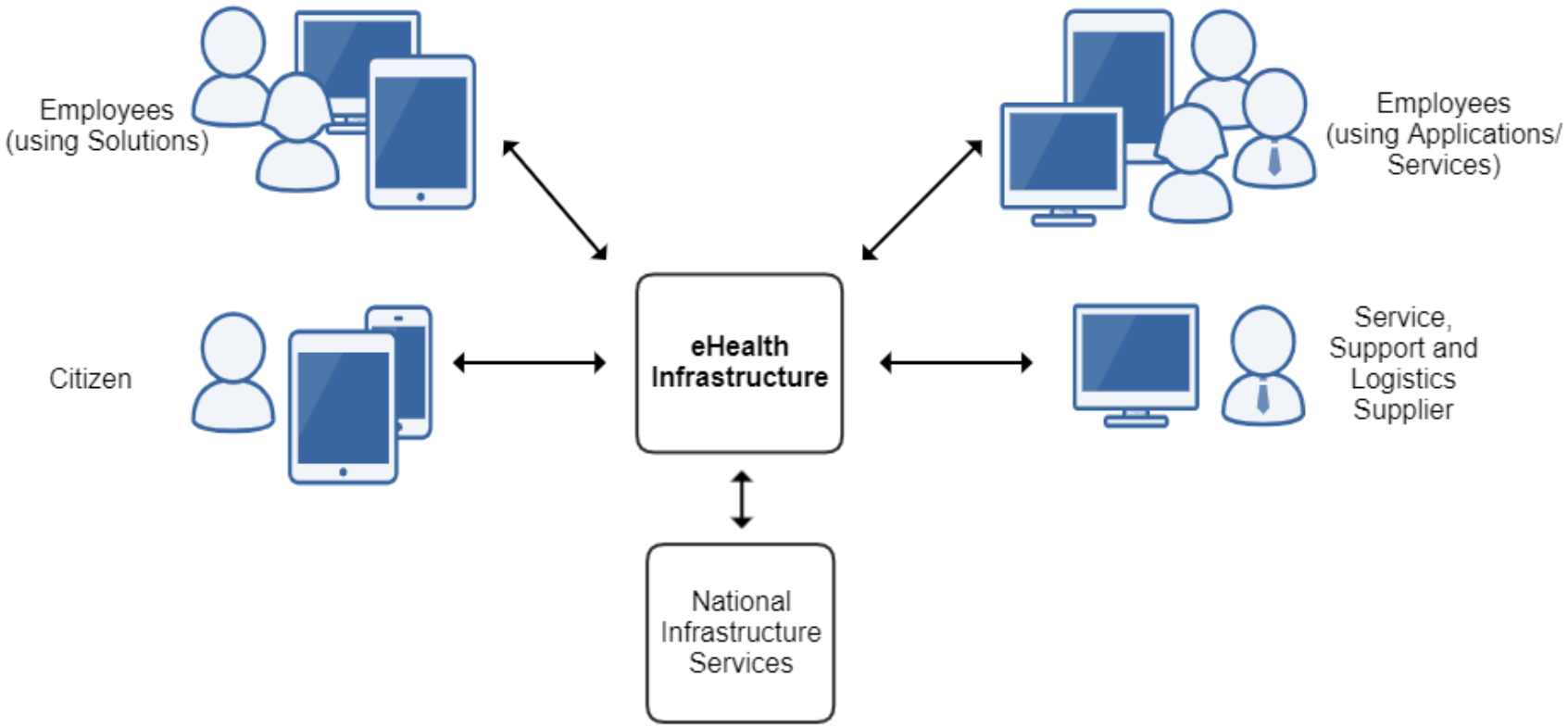
PDF
FUT - TELEMEDICIN I DANMARK
FUT har gennemført udbud og udvikling af en telemedicinsk infrastruktur og telemedicinske it-løsninger til borgere og medarbejdere. Drift, vedligehold og ...
https://www.rm.dk › faginfo › Systemforvaltning › faq-...
FAQ om Fælles Udvikling af Telemedicin (FUT)
De telemedicinske medarbejderløsninger er et redskab til de sundhedsfaglige medarbejdere, så de løbende kan monitorere borgere med KOL. Ved hjælp af it- ...

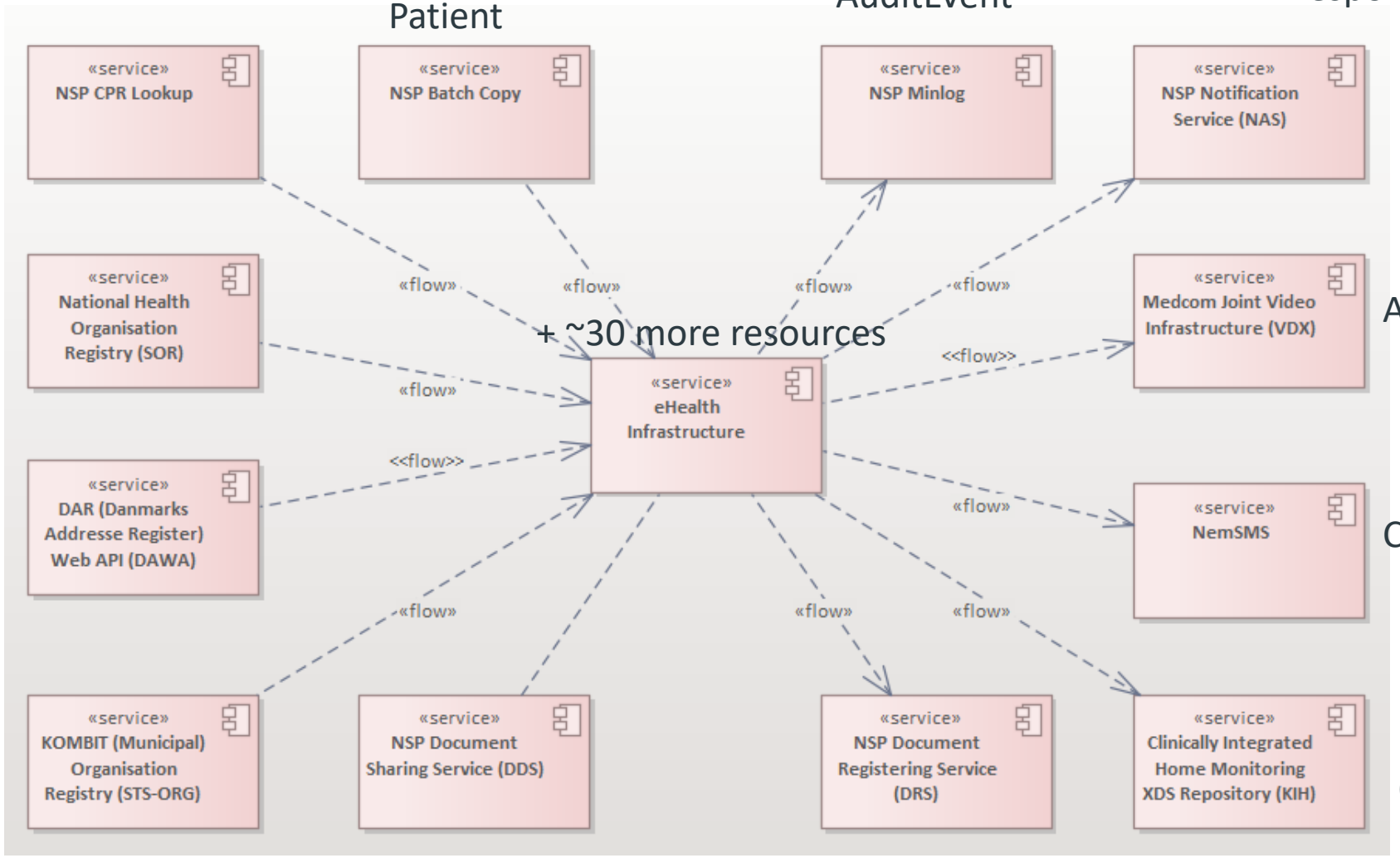
FUT and its overall surroundings



FUT and its overall surroundings

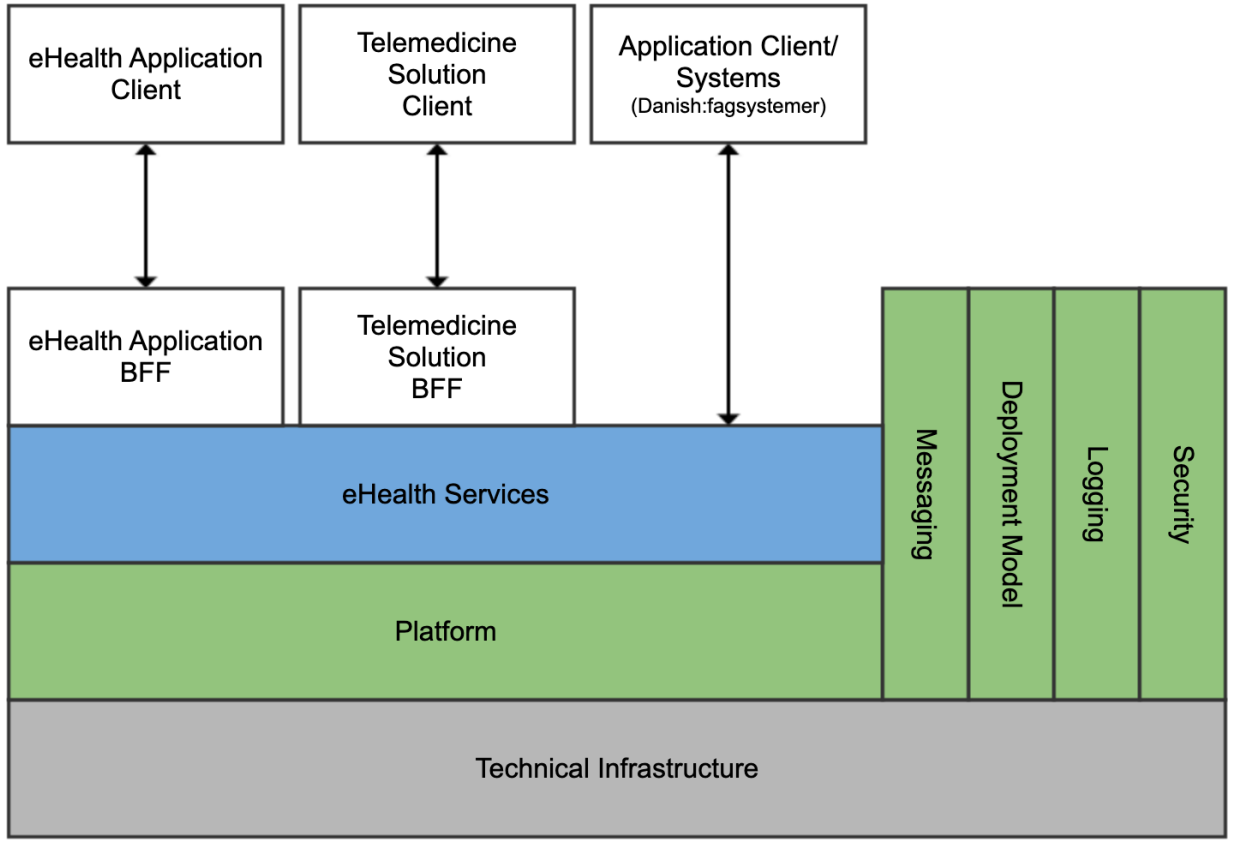
- All clinical users (from all municipalities and regions) are 100% federated through existing federation portals
- First system of its kind in DK (I think 🤔) to provide clinical access to the same information across regional and municipal borders due to its security model and federations
- All citizens are 100% federated through existing national portals
- FUT is everything BUT an island. It is integrated with the +15 most central pieces of existing infrastructure on state and regional level …

FUT and its integrating parts



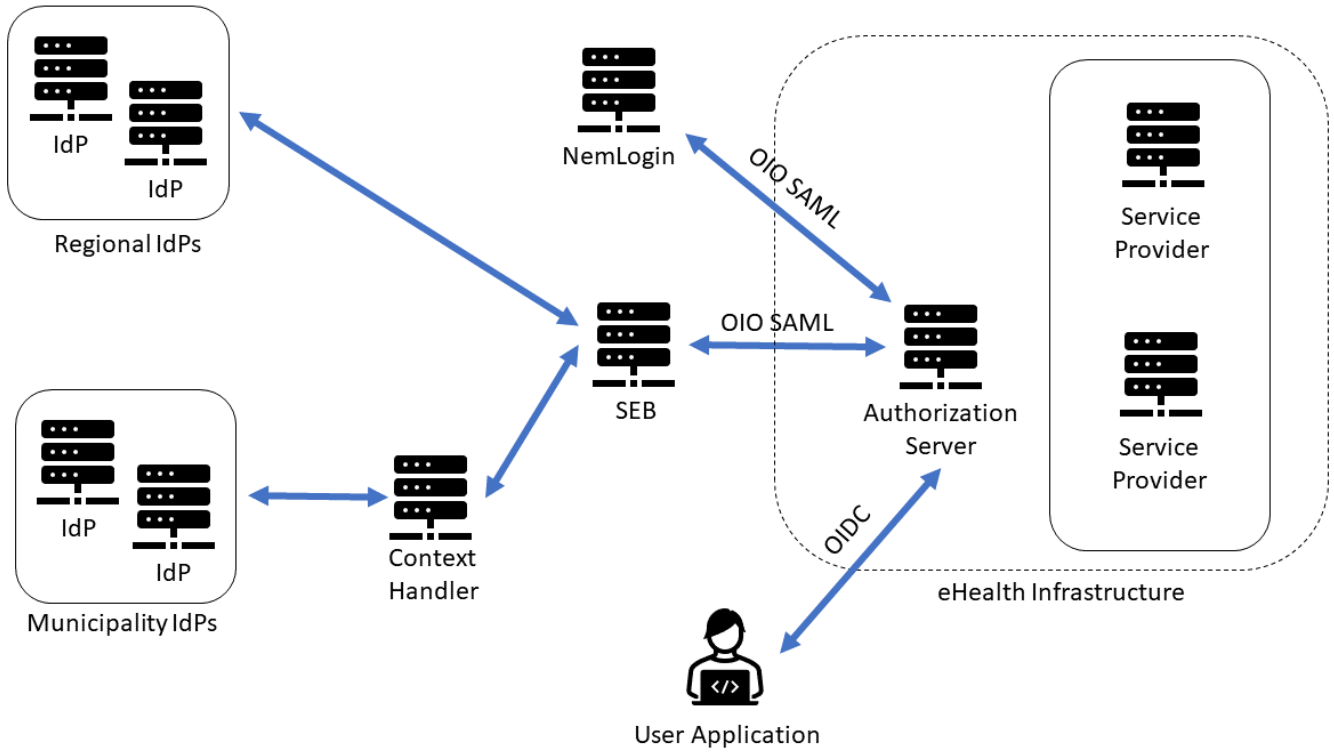
FUT and its stacks

- Built as zero trust, API first setup
- Infrastructure remains the same across solutions
- Each solution is specific to a certain disease area
- Consists of 13 FHIR services + integrations. In total ~50 application services and jobs running

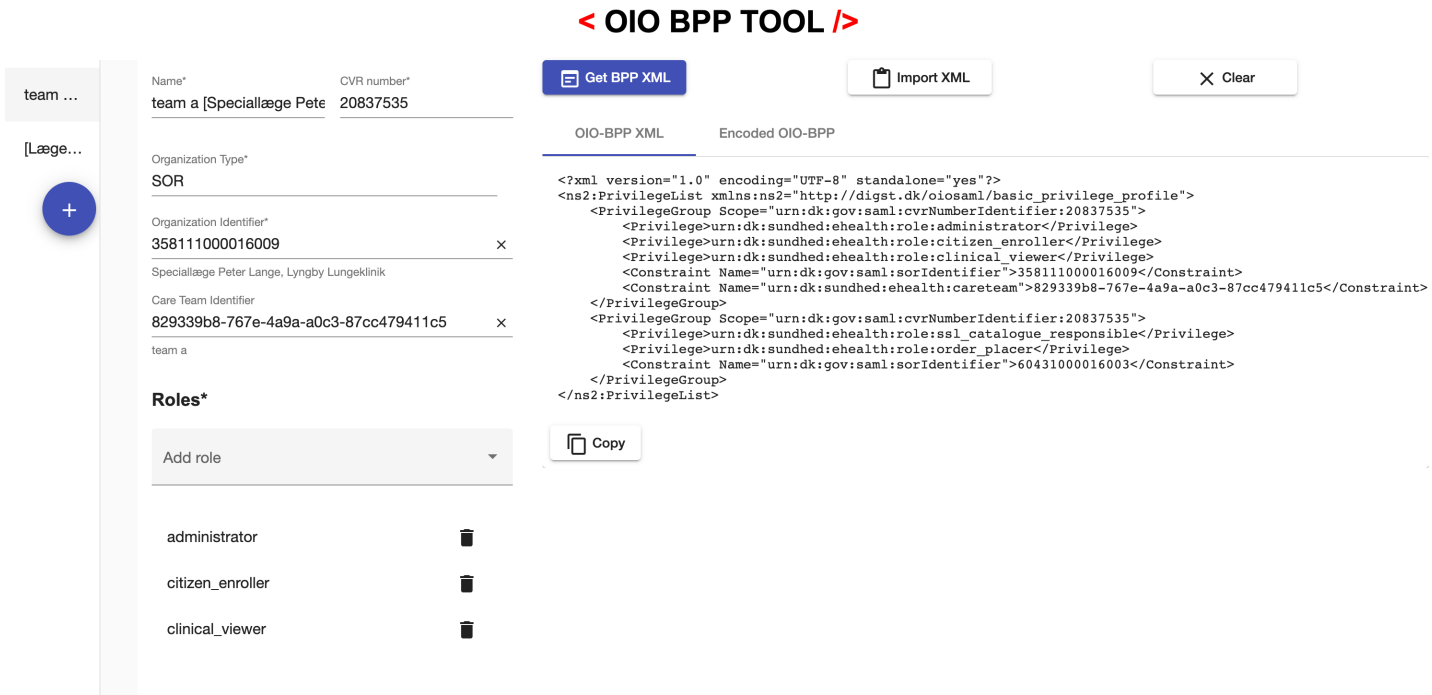


FUT and how FHIR is used for security (not SMART – but SMART'er … 'ish)

- Attributes (roles and associations) for all clinical personnel (Practitioners) are included in SAM
- Practitioners are created on the fly they log in
- Almost all access to resources is guarded by the associations to CareTeams
- Appointment/CarePlan/EoC's as a example have CareTeams listed a attribute under participant/performer/author/team

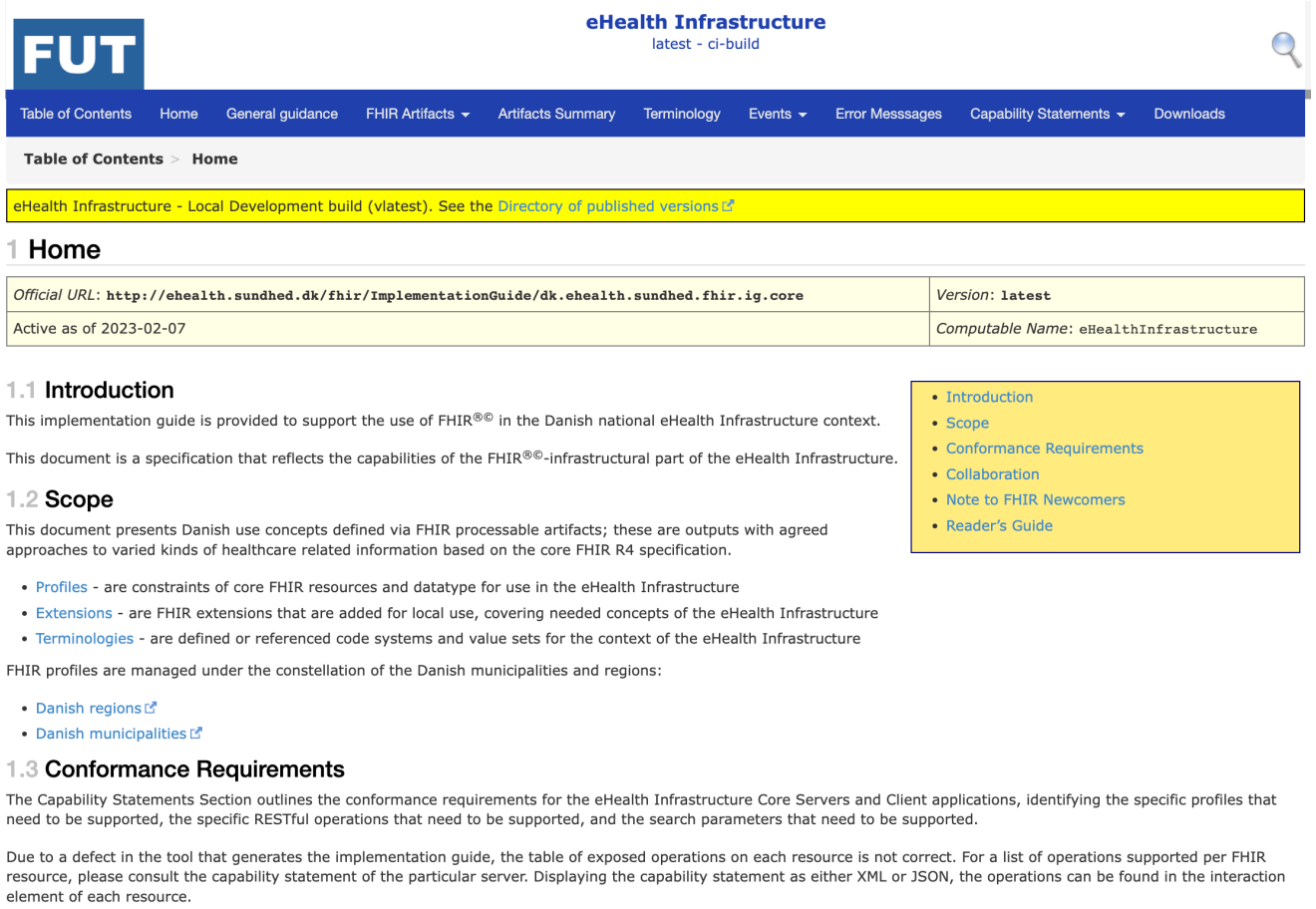


- SAML attribute builder inspecting the FHIR resources from the platform when constructing the content



FUT and its use of FHIR

- Based on R4 (originally STU3)
- One IG to cover all ~40 profiles across the 13 services
- All FHIR infrastructure components are based on the open-source framework of HAPI FHIR (and we are contributing back to it) with heavy customizations



Fagligt FHIR Forum

TRIFORK.