



## The Swedish National Medication List

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## Who am I?

- Emmeli Gross
- Solutions Architect, Swedish eHealth Agency



# The Swedish eHealth Agency

Formed in 2014

## What does the Swedish eHealth Agency do?

- Coordinates the Swedish government's e-health investments
- National registry for Swedish e-prescriptions
- Provides national medical statistics
- Develops the Swedish National Medication List
- ...



## The Swedish National Medication List

- The Swedish national medication list is a digital service for all health care staff, pharmacists and patients.
- It provides patients, care providers, healthcare staff and pharmacists with the same information about a patients' prescribed and dispensed medicine.
- The service aims at improving patient safety nationwide.
- External systems connect to the national medication list through API:s



## Prerequisites



- In May 2021, a new piece of legislation comes into force.
- Access to the service will begin May 2021, and full participation by healthcare staff and pharmacists will be mandatory by May 2023.
- Participation in the national medication list will be mandatory for pharmacies and prescribers of medicine.
- ~50 systems are connected to our APIs

## Technical shift and challenges

- Today's situation: SOA with WebService and SOAP
- National medication list: RESTful FHIR API
- External systems will gradually start connecting to the National medication list
- Shift to a new technology and a new paradigm
- A lot of old services remain. External systems need to use both RESTful/FHIR and SOAP/WebServices.



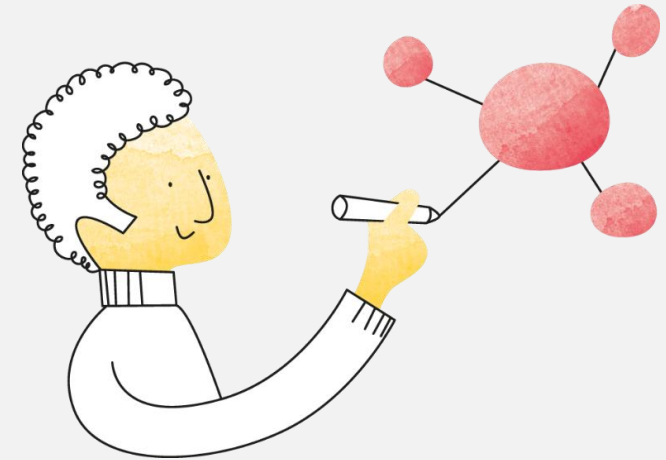
## Adopting FHIR challenges

- Interpretation of the intention of resources, elements, codes etc
- Internal understanding of the FHIR and RESTful standards
- Profiling. "Try not to be special", API usability...
- Documentation, parts in English and parts in Swedish, Simplifier, internal handbook, FHIR website ...



## Future

- Continue to apply FHIR on existing APIs
- Further develop FHIR mechanisms
  - Validation
  - Provenance resource
  - Versioning (FHIR version, resource version, release version, profile version...)
  - ...





## Contact

- During DevDays, you can find / reach me here:
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## Q&A

- Any questions?

