

Terminology Services

tx-nordics.fhir.org & more



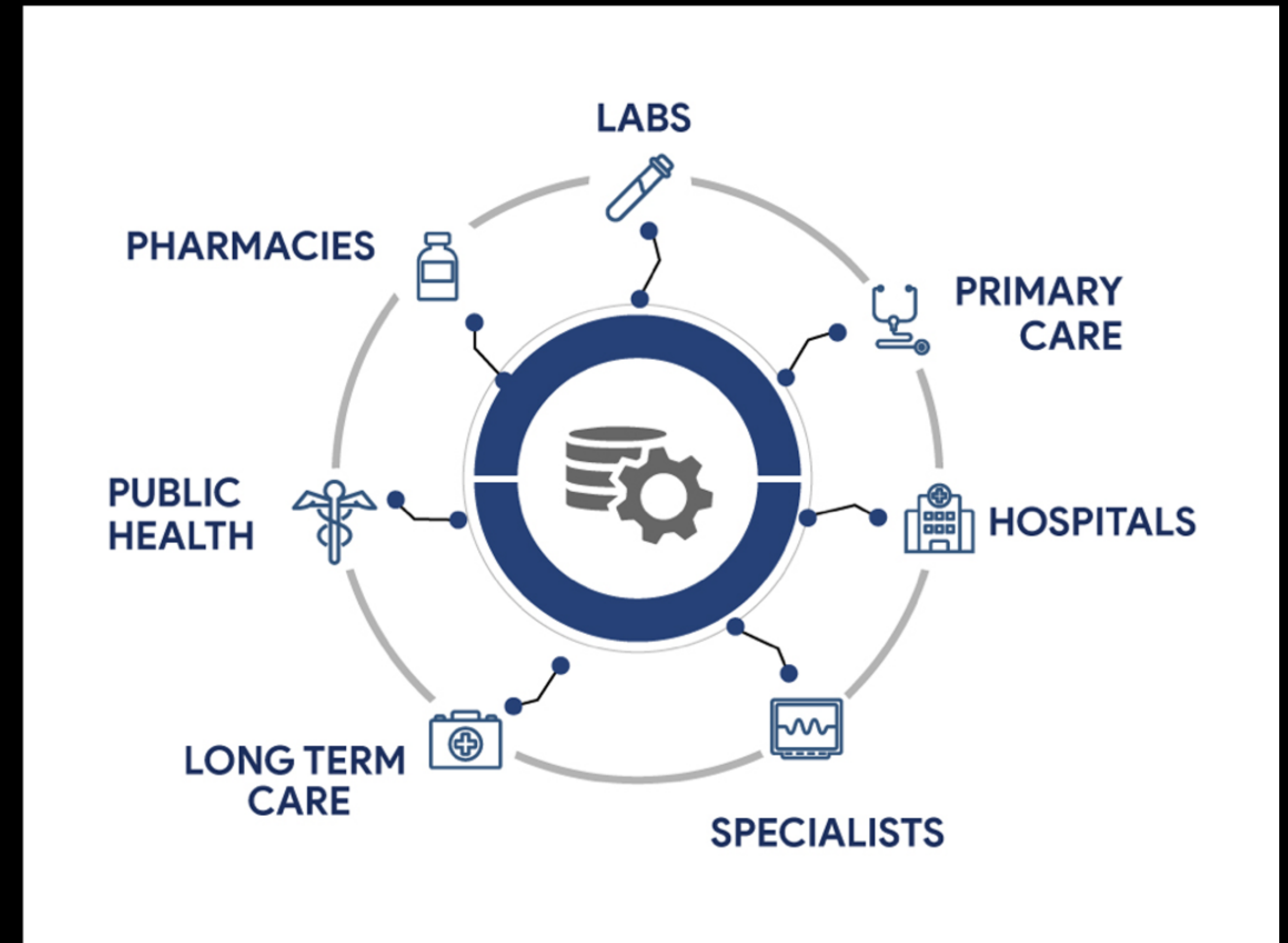
Mattias Colliander, 2025-09-09

Todo

- Why term servers?
- FHIR term server
- HL7 Affiliates, building IGs
 - the term server ecosystem
- tx-nordics.fhir.org!

A case for term servers

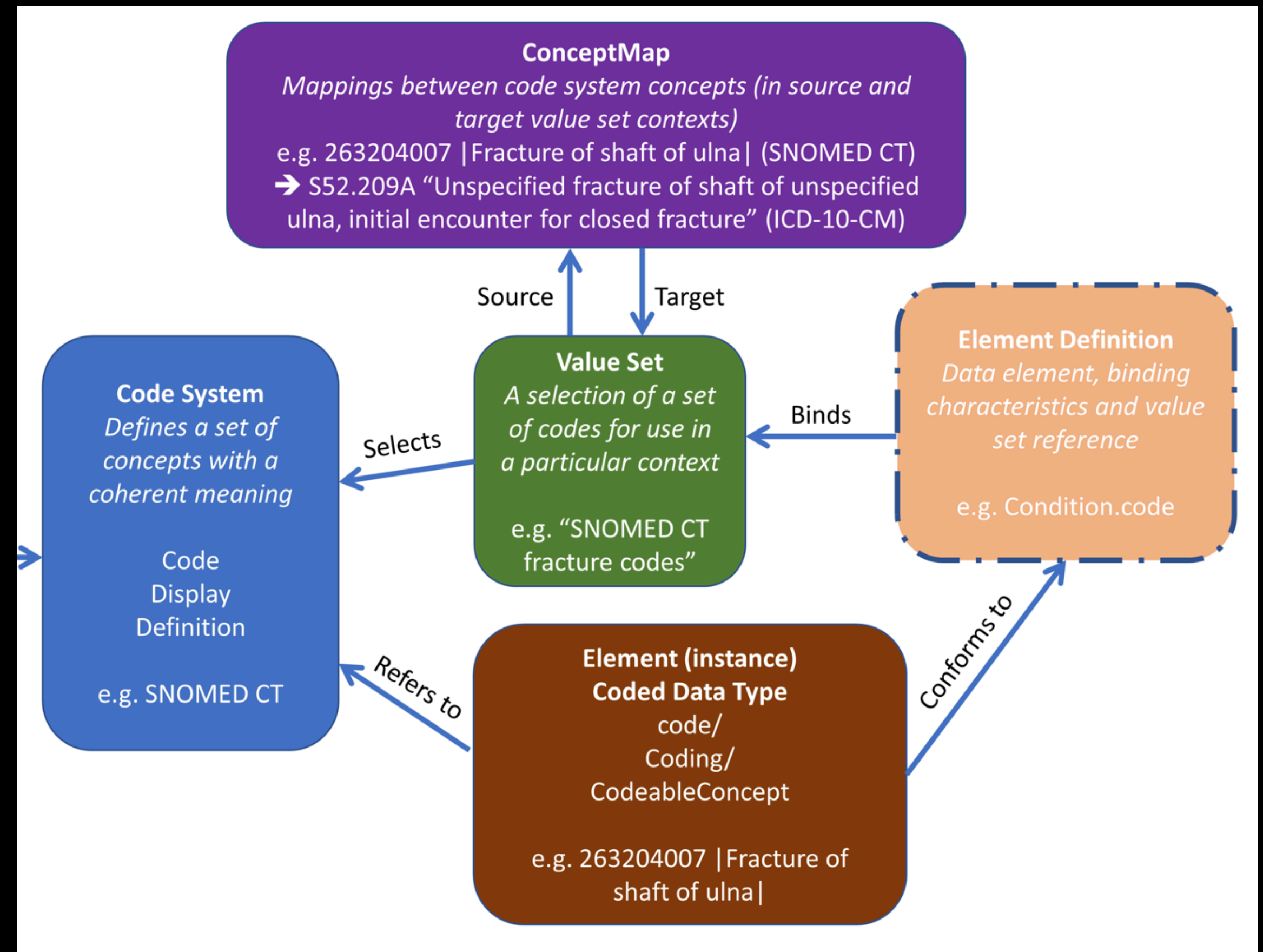
- Code systems & friends
- Modern healthcare
 - many orgs, lots of IT systems
- **Don't code your own. (Just don't.)**
- (Also don't program with dates!)
- Technical - not ownership!



FHIR Term Servers

“Define term server”

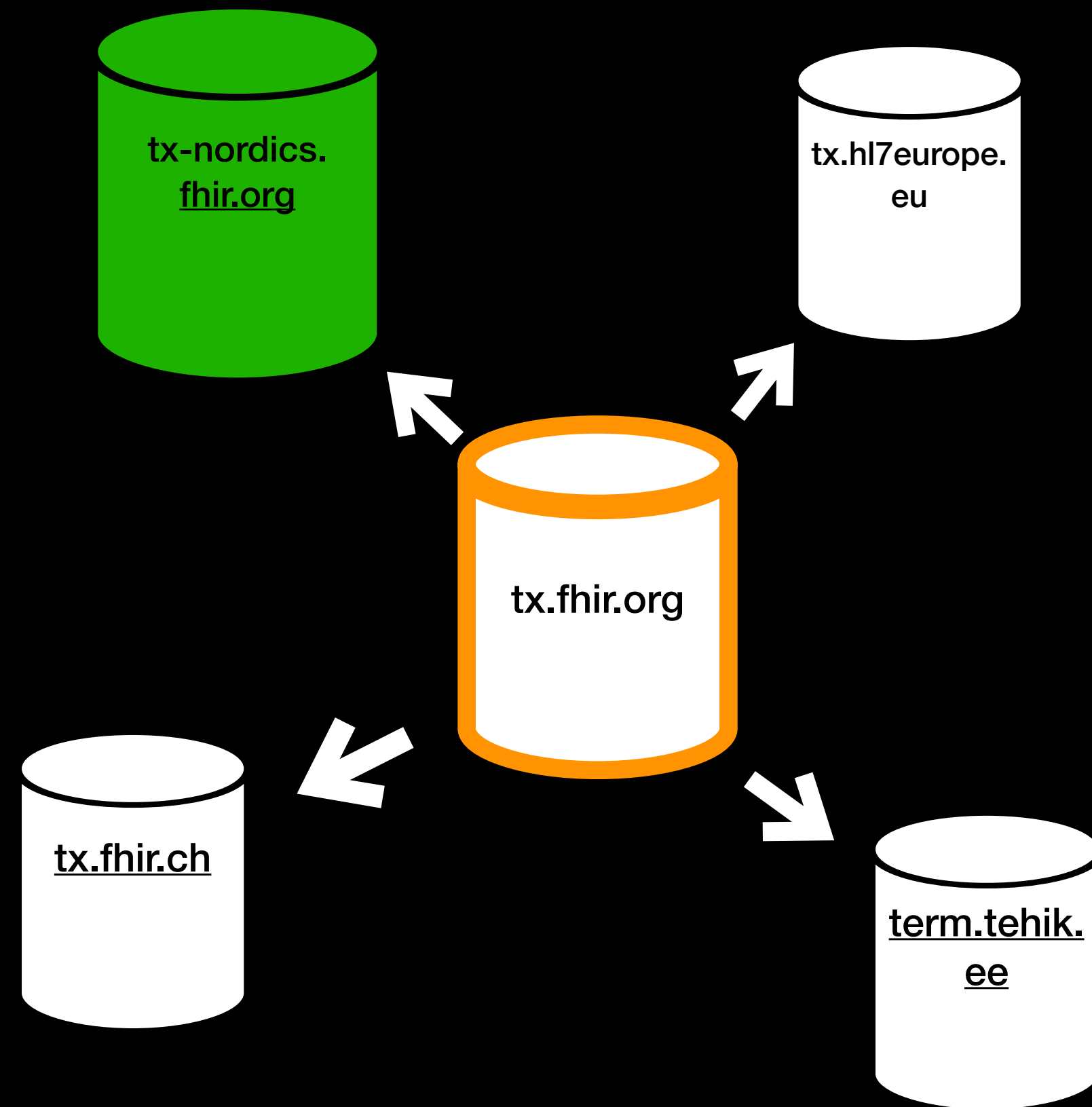
- <https://hl7.org/fhir/terminology-module.html>
- API only
- admin/additional APIs + GUI



“Production” use vs IG development

- Production use for health care orgs
 - Transactional load, performance, GUI response times...
 - That’s hard.
- Easy and fun: developing FHIR implementation guides!

Creating IGs



- We want nice IGs!
- tx.fhir.org
- FHIR Term server ecosystem
- National & local requirements

Vitalis 2025, Göteborg

After hours...

- Grahame is encouraging HL7 affiliates to run their own term servers
- “I’ll point xyz.fhir.org if you run a common server...”



Enter tx-nordics.fhir.org

- Csiros Ontoserver
- HL7 Affiliate License (modified)



“The Client may use the Software, and allow Permitted Users to use the Software with the Client’s systems or products, for the sole purpose of developing interoperability standards for the countries of **Sweden, Denmark, Norway and Finland.**”

Permitted use

“The Client may use the Software in its own operations, and allow Permitted Users to use the Software with the Client's systems or products, for the purpose of developing interoperability standards.”

“The Client may also use the Software for internal research and development purposes.”

Under construction...



- Care and feeding - common responsibility
- Domain by Grahame
- Confluence:
 - <https://confluence.hl7.org/spaces/HLN/pages/358254288/Nordic+terminology+server>
 - (There is no spoon and/or HL7 Nordics.)

References

- <https://hl7.org/fhir/terminology-module.html>
- <https://confluence.hl7.org/spaces/HLN/pages/358253025/HL7+Nordics+Home>
- <https://confluence.hl7.org/spaces/HLN/pages/358254288/Nordic+terminology+server>
- <https://ontoserver.csiro.au>
- <https://ontoserver.csiro.au/docs/6.22.7/index.html>
- <https://tx.fhir.org/>
- <https://tx-nordics.fhir.org/fhir>
- <https://hl7.org/fhir/uv/tx-ecosystem/>
- <https://tx.fhir.org/tx-reg/>