

NORWEGIAN POLICE IT UNIT

Norwegian Police Knowledge Graph

How to save lives through shared understanding of data

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Norwegian Police Knowledge Graph

How to <mark>save lives</mark> through <mark>shared understanding</mark> of data Norwegian Police

National Criminal Investigation Service (*Kripos*)



They **save lives** through their work!

Police investigators

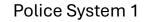


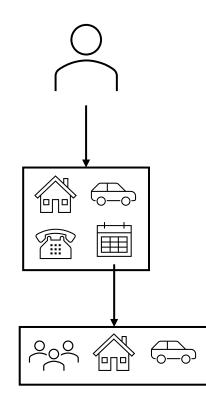
What do we know about this person?



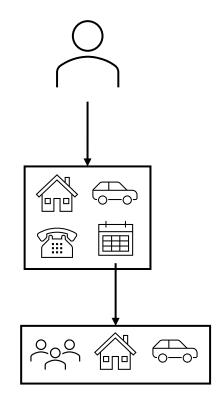


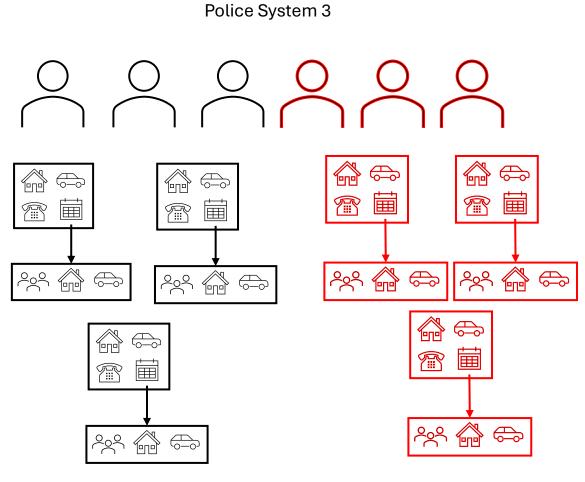


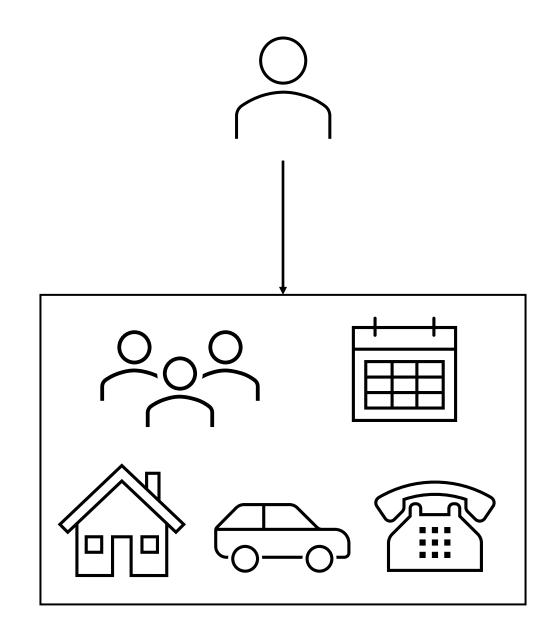




Police System 2





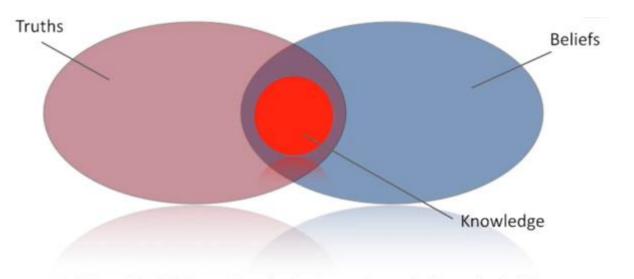


How can we help the Police Investigators?

AI

Knowledge Representation

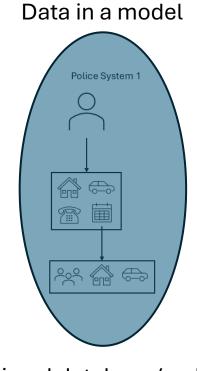
AI



Traditional Definition: "Knowledge is a subset of all true beliefs"

Challenge 1

Data and meaning are stored separately



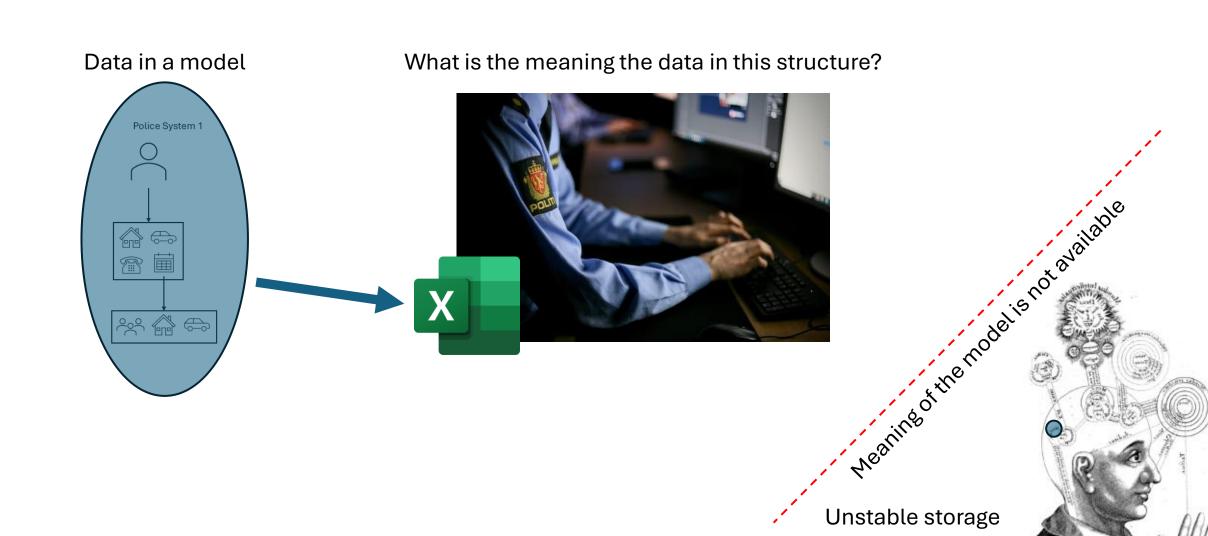
Relational database/code/API



Human developer

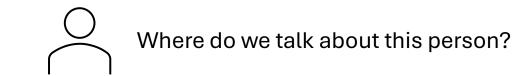
Challenge 1

The guessing game

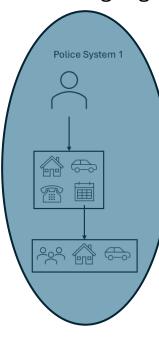


Challenge 2

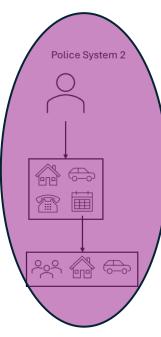
We have no shared language

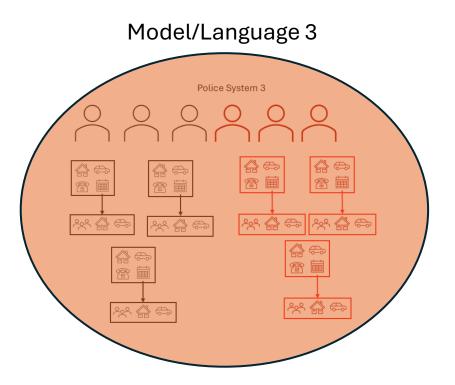


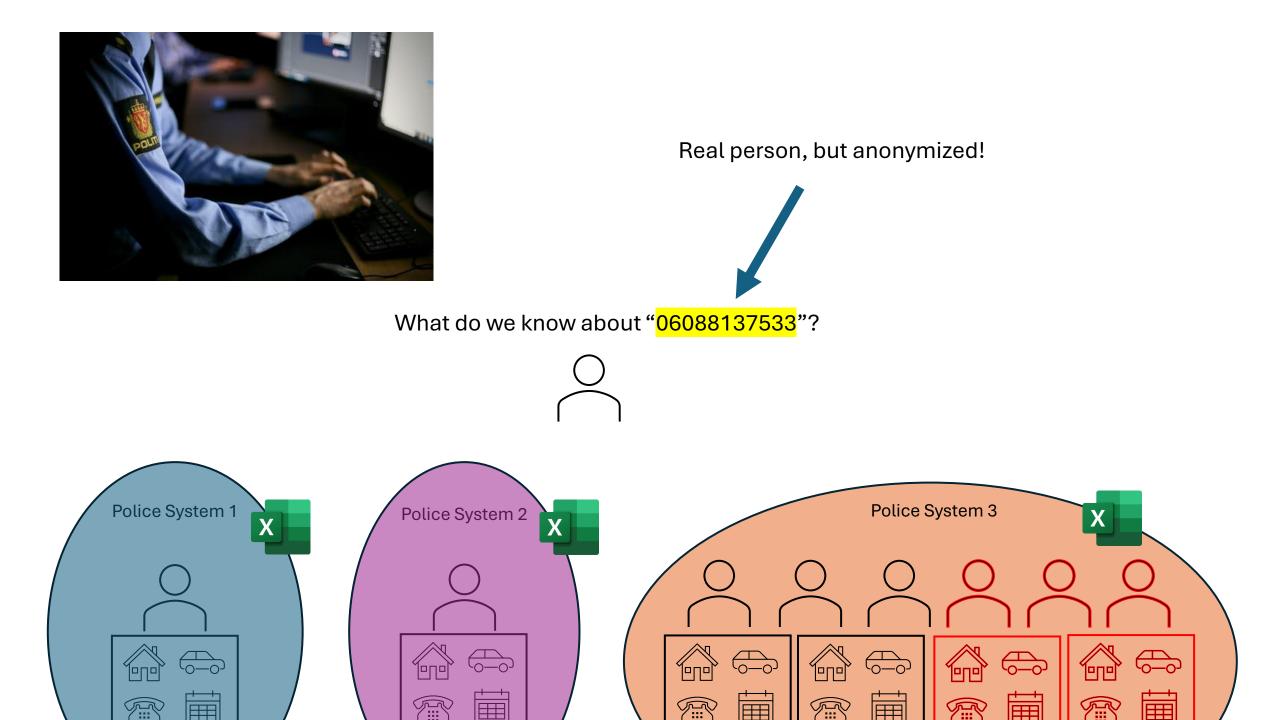
Model/Language 1



Model/Language 2



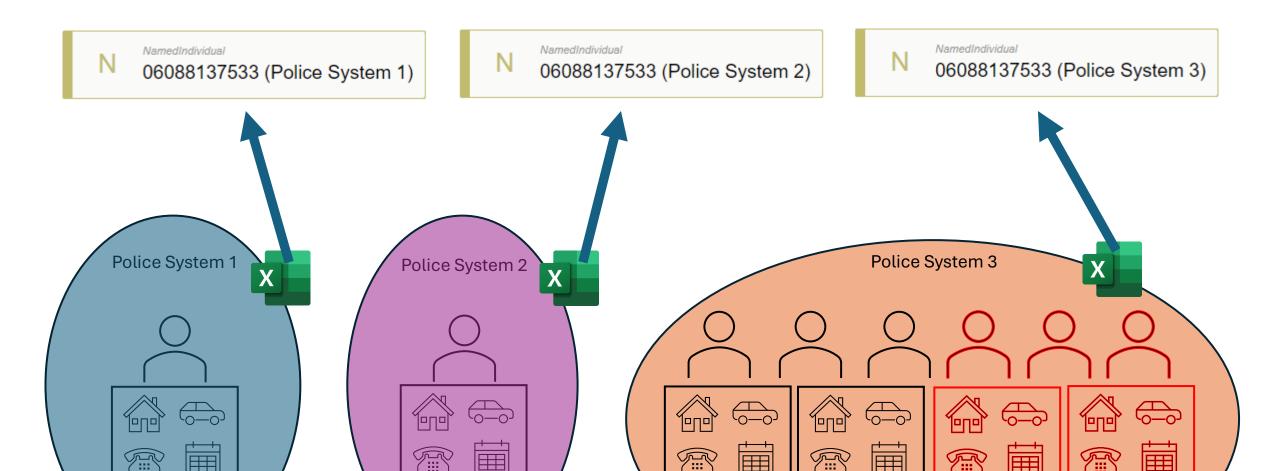


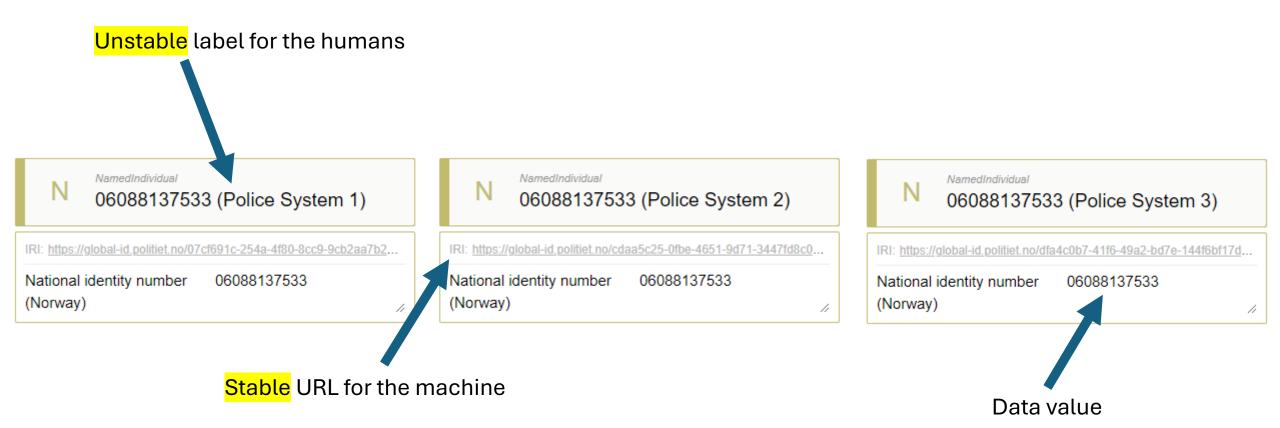


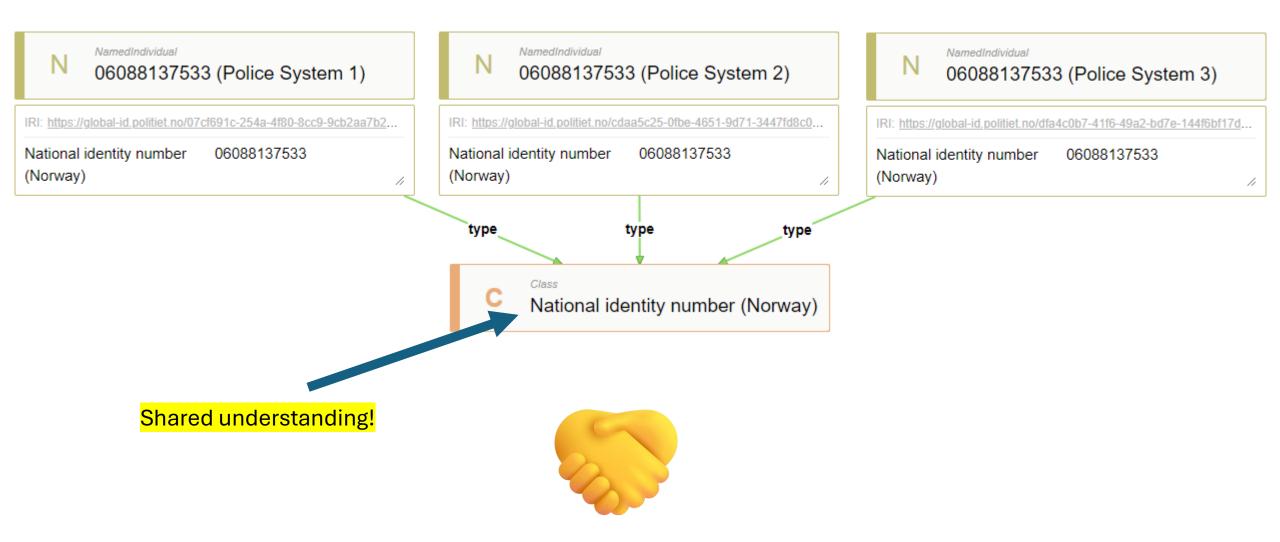
Semantic Web

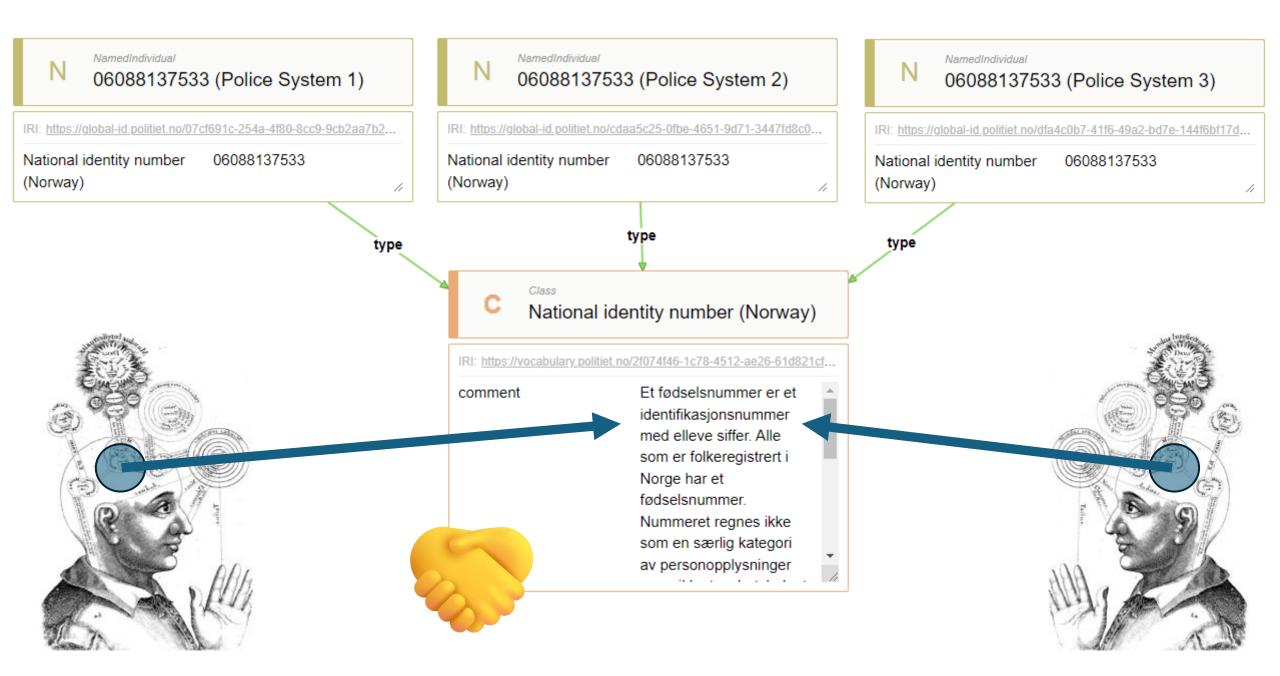
"Knowledge Representation using Web technologies"

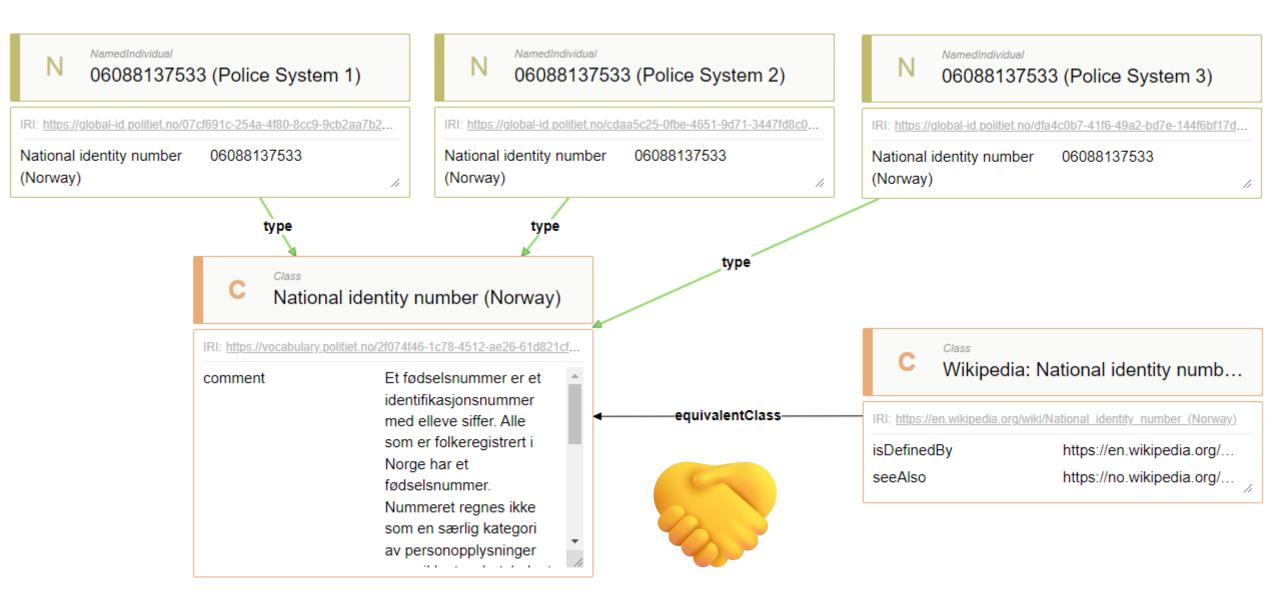
Ora Lassila

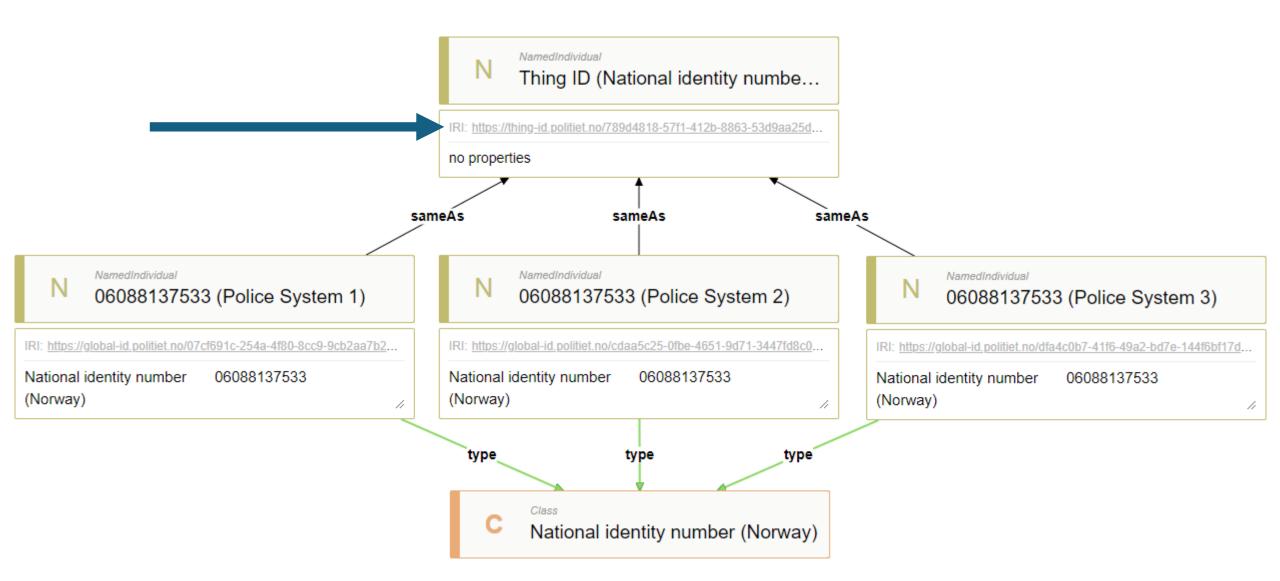


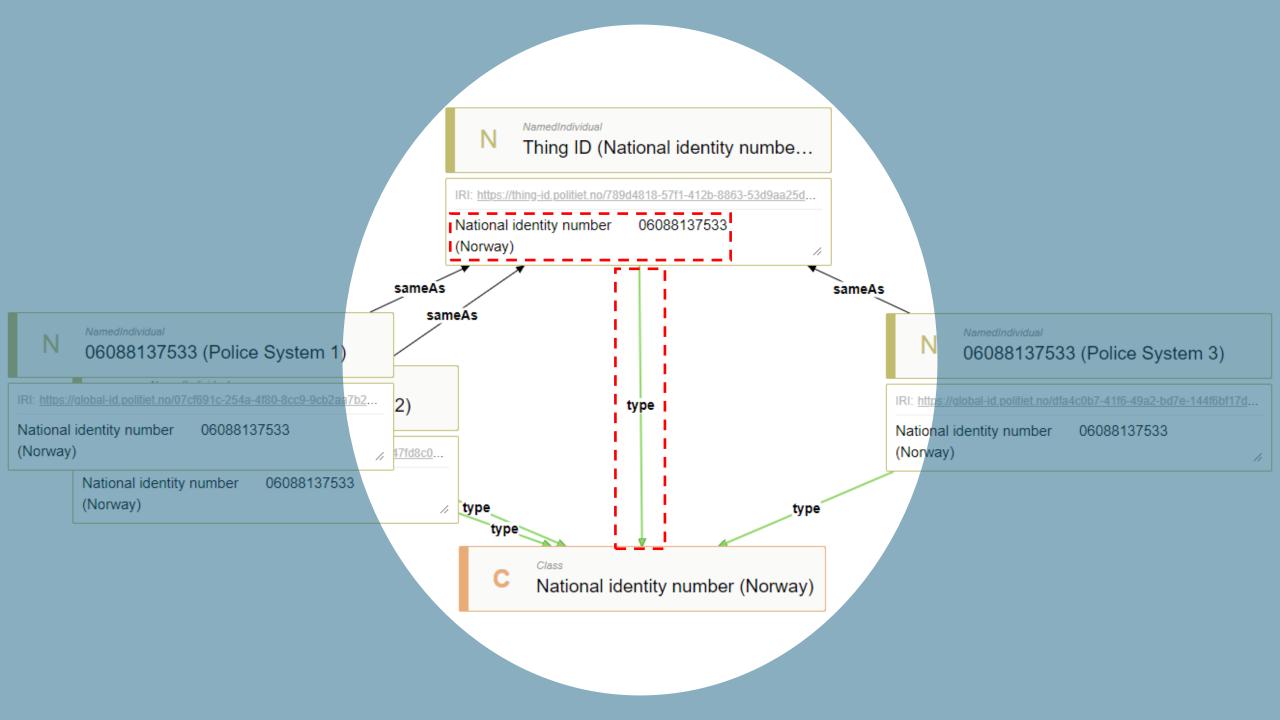


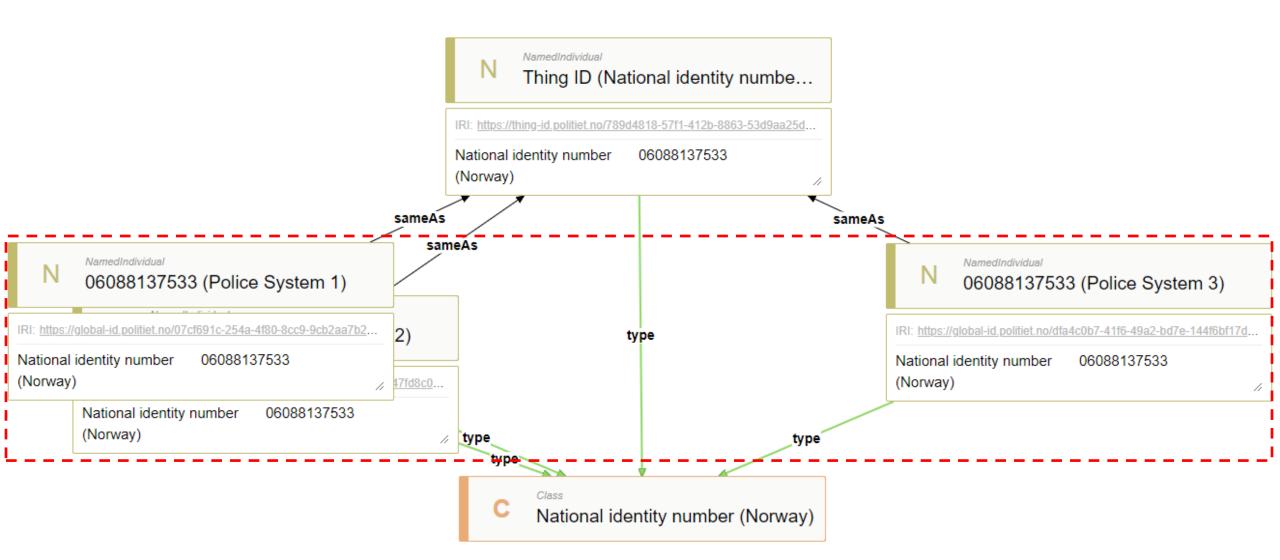


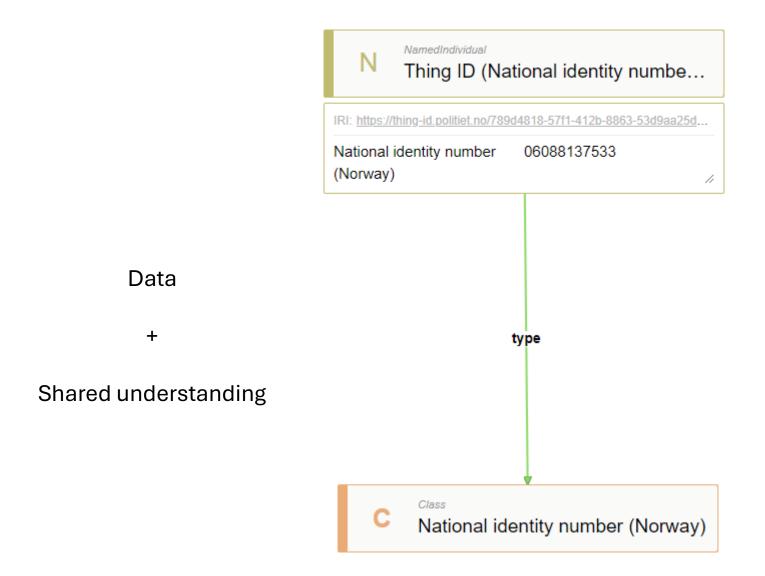




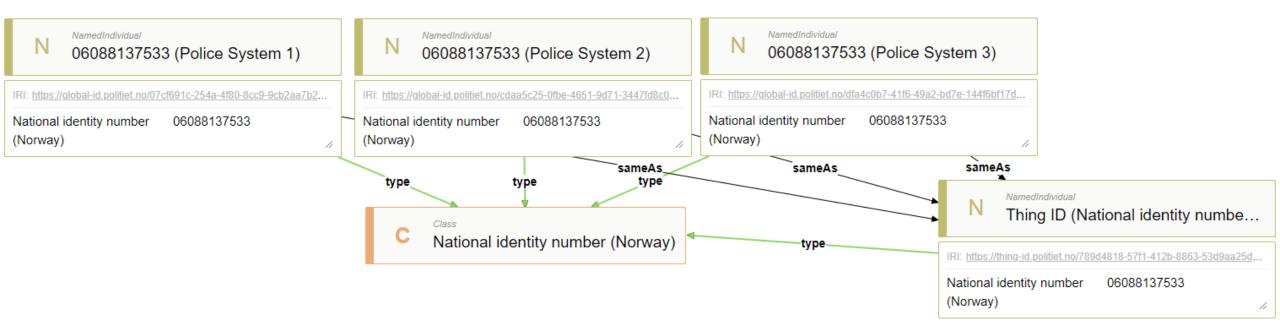


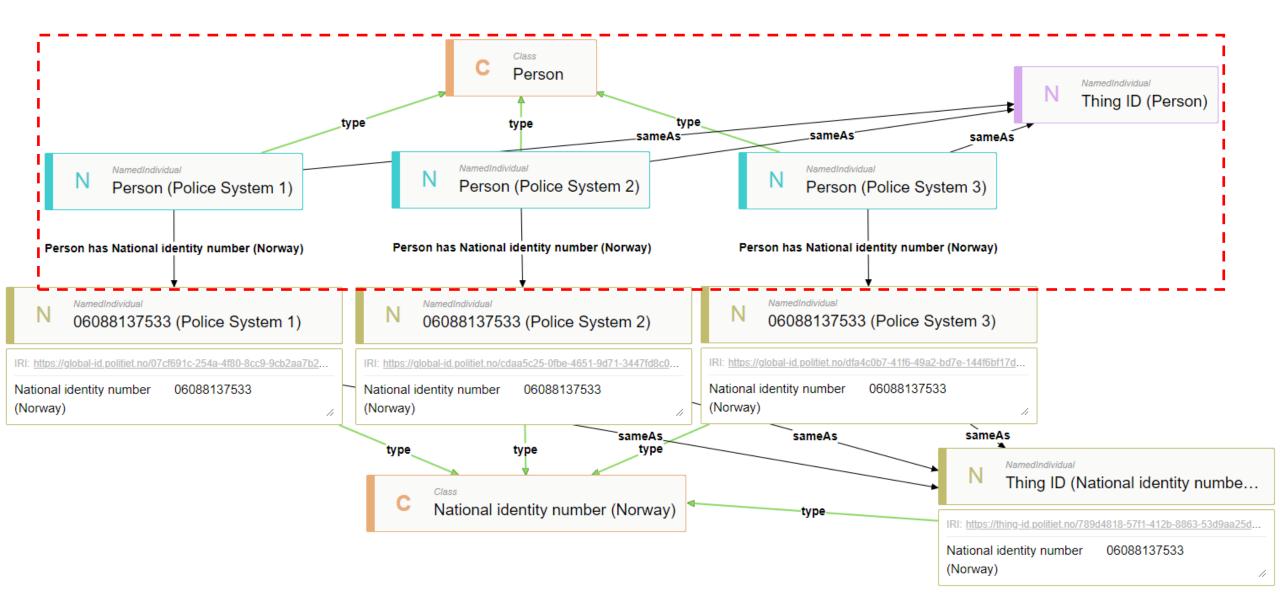


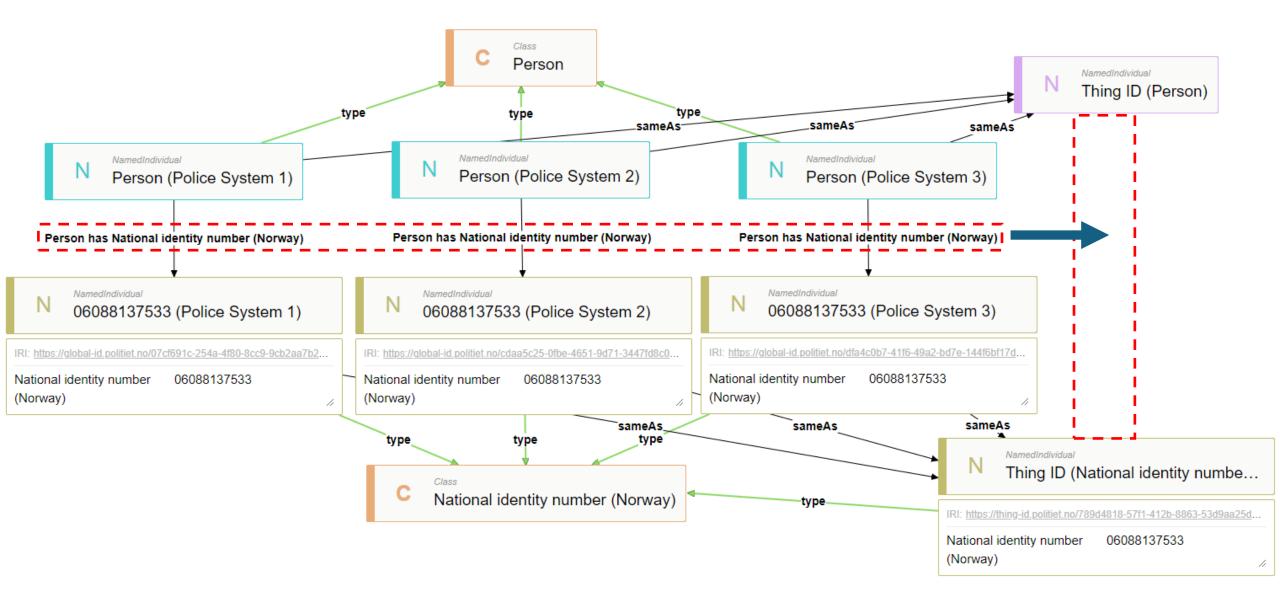


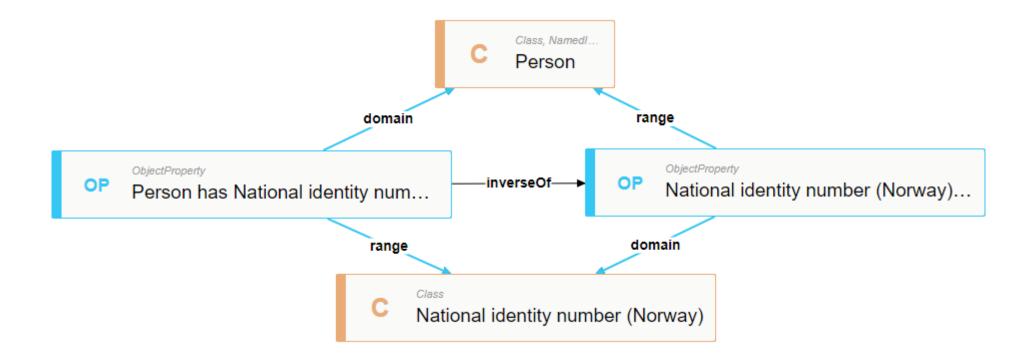


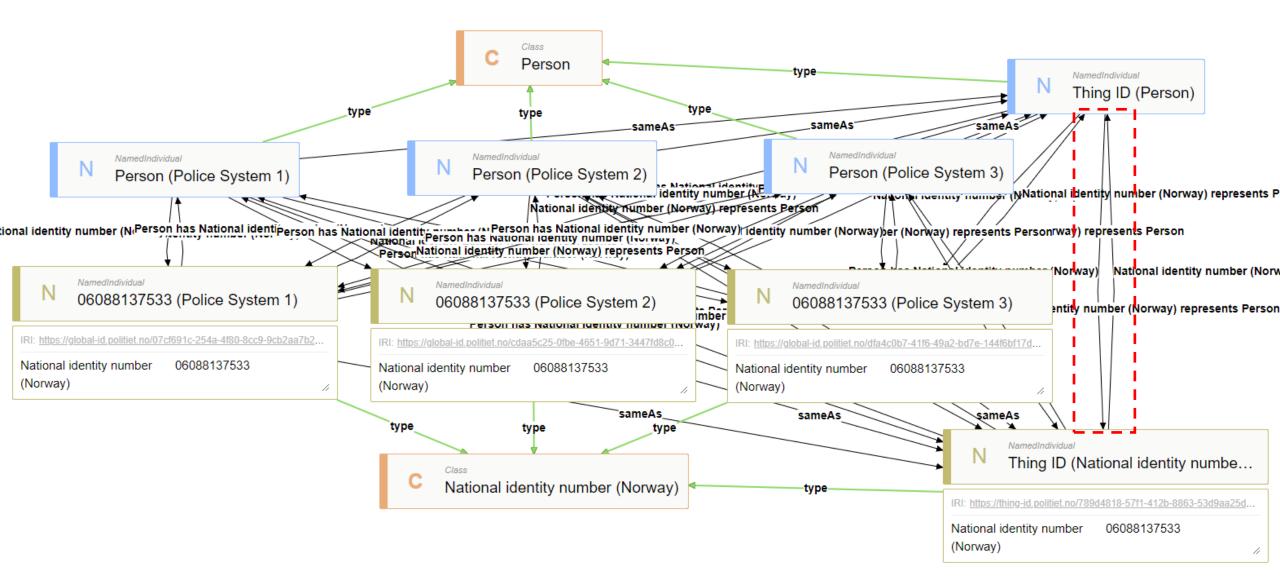


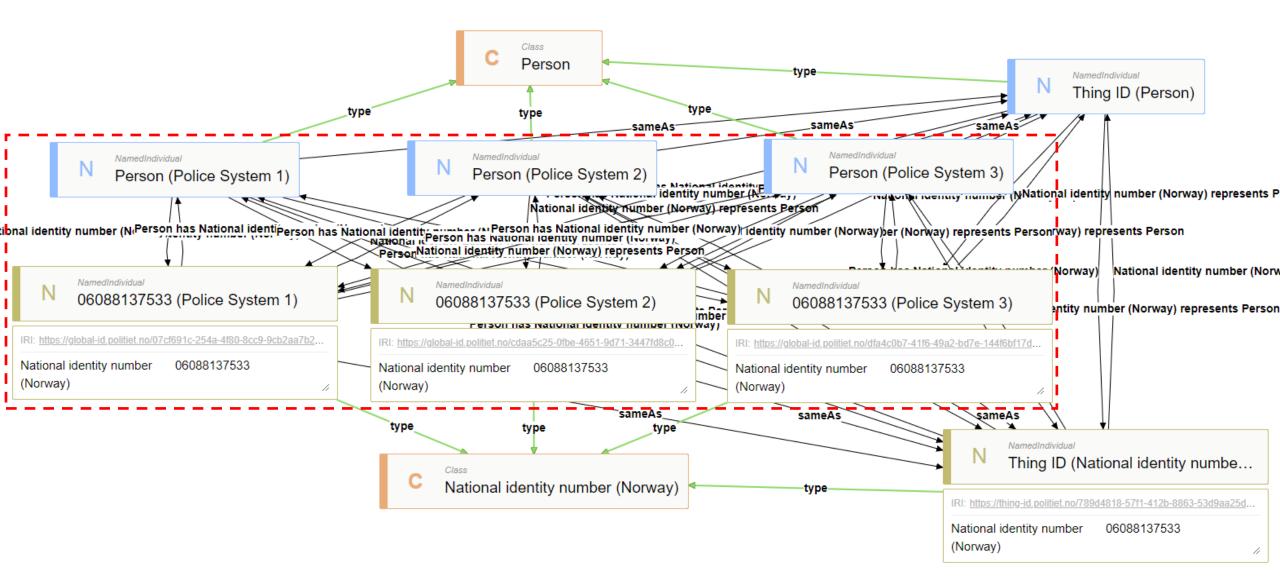


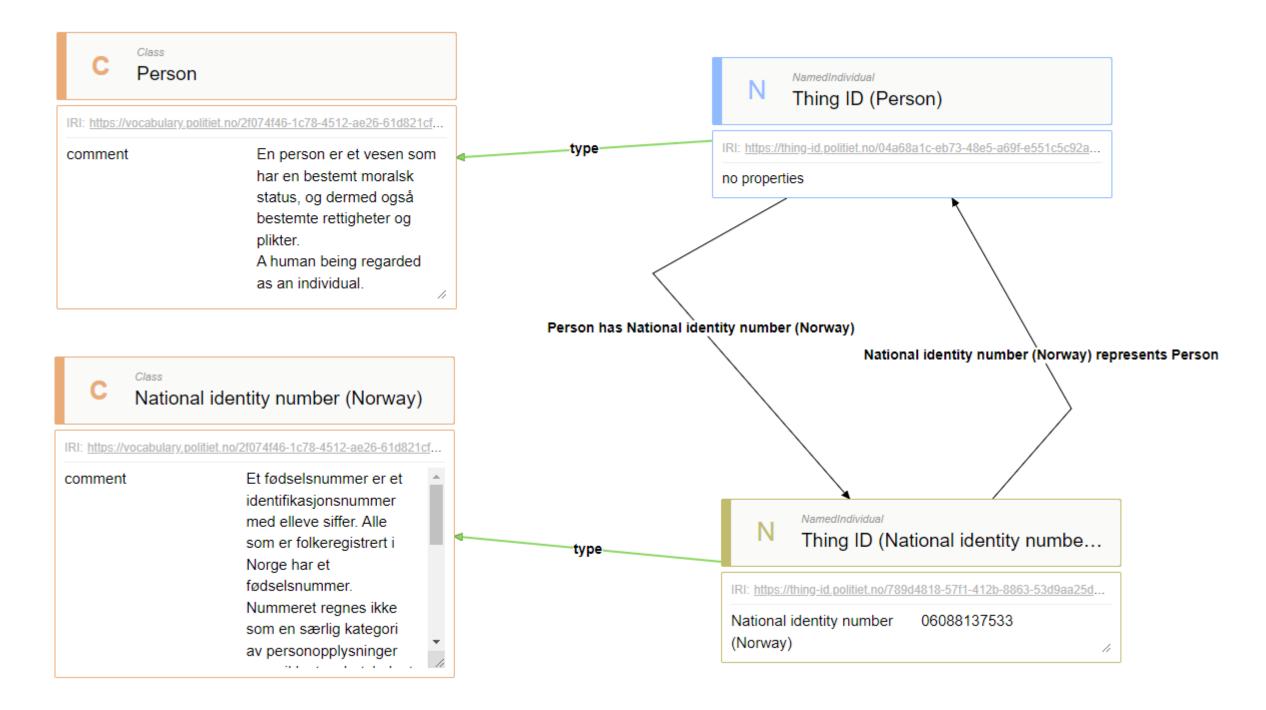


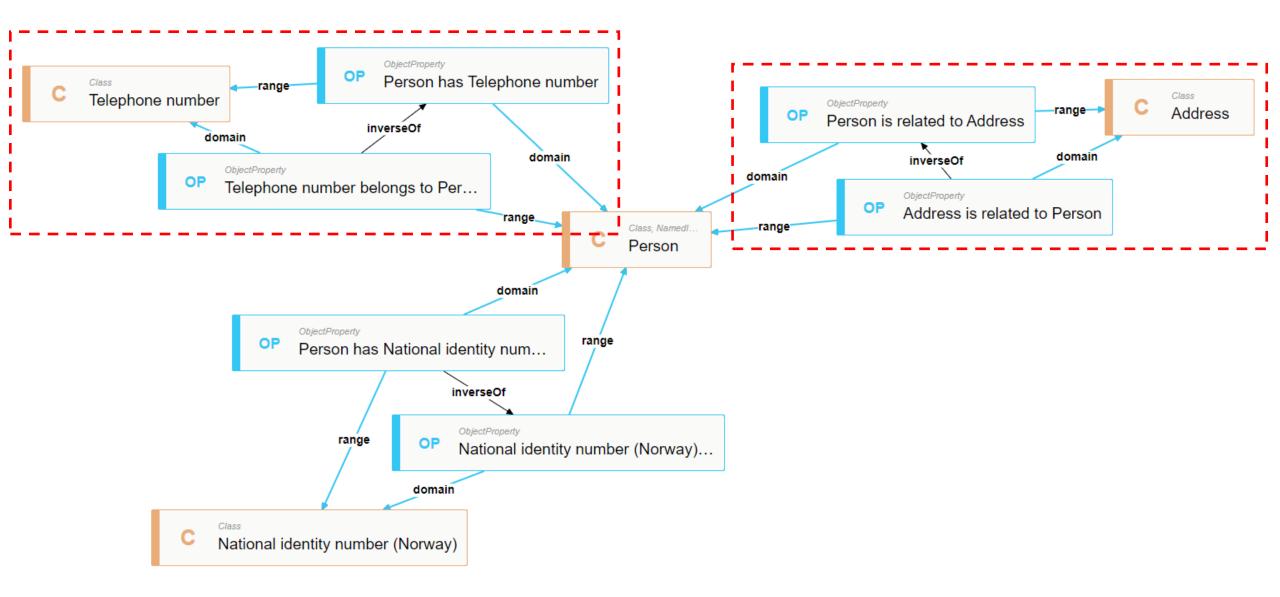




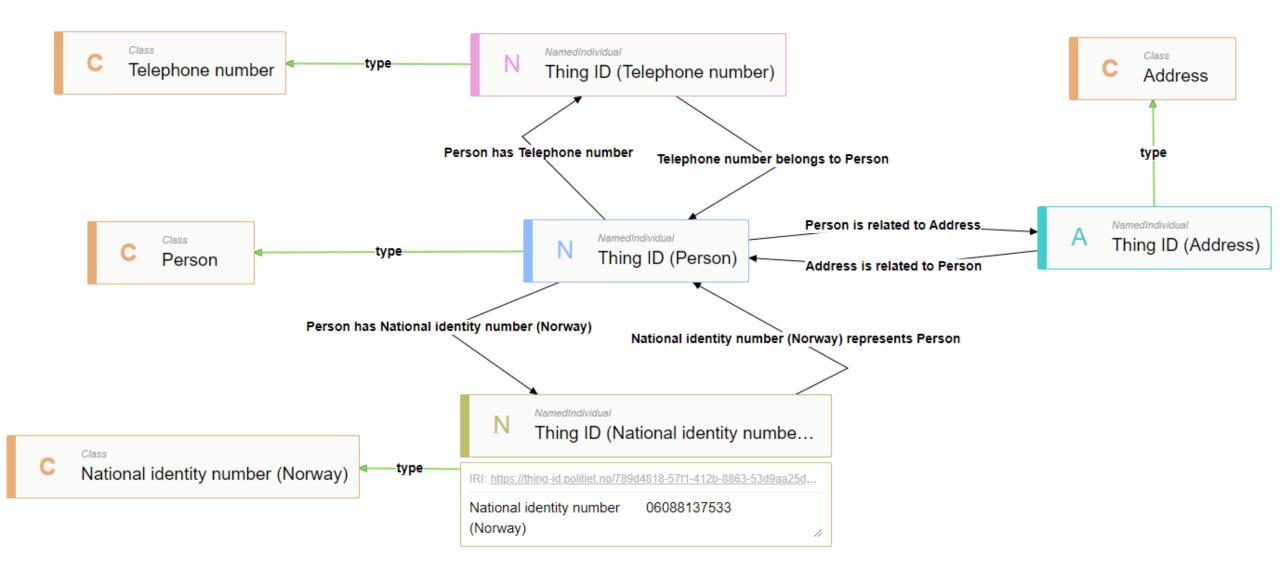




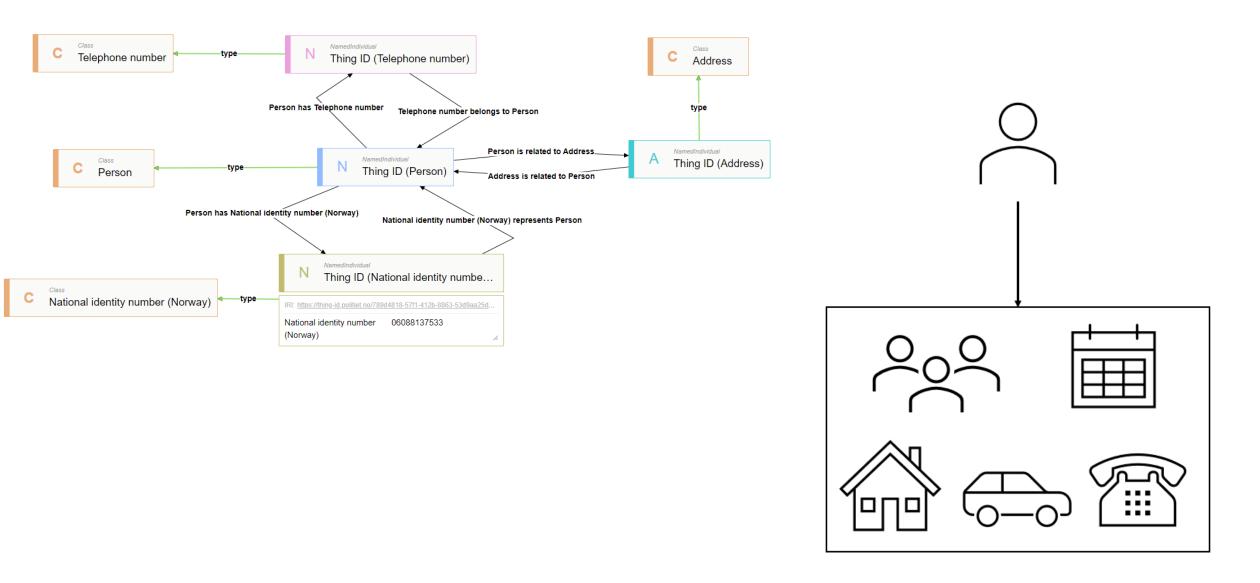




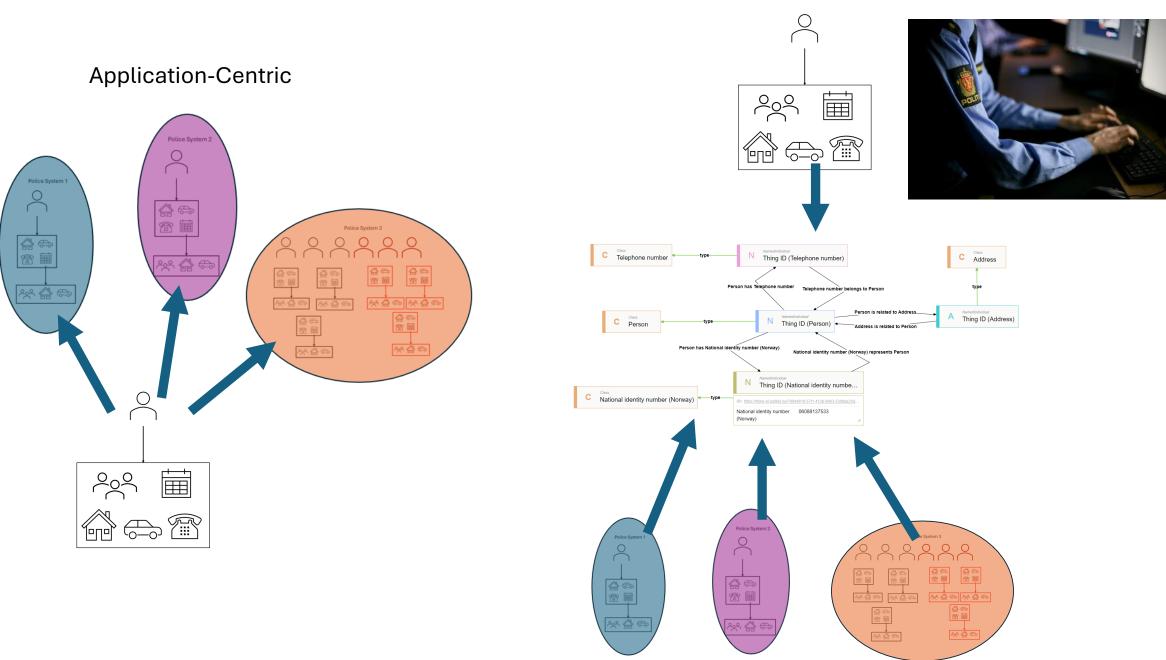
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Data-Centric





Fra maskin til maskin DigiTalt

Tenk om vi kunne hatt et overordnet felles språk i hele politiet? Som gjorde at vi raskt kunne knytte sammen data med data, og data med felles forståelse, slik at en kan...



Aug 29 • 33 min 20 sec

Det har aldri vært **Mer Spennende** å jobbe i politiet

Besøk oss på stand og hør mer om våre spennende stillinger

