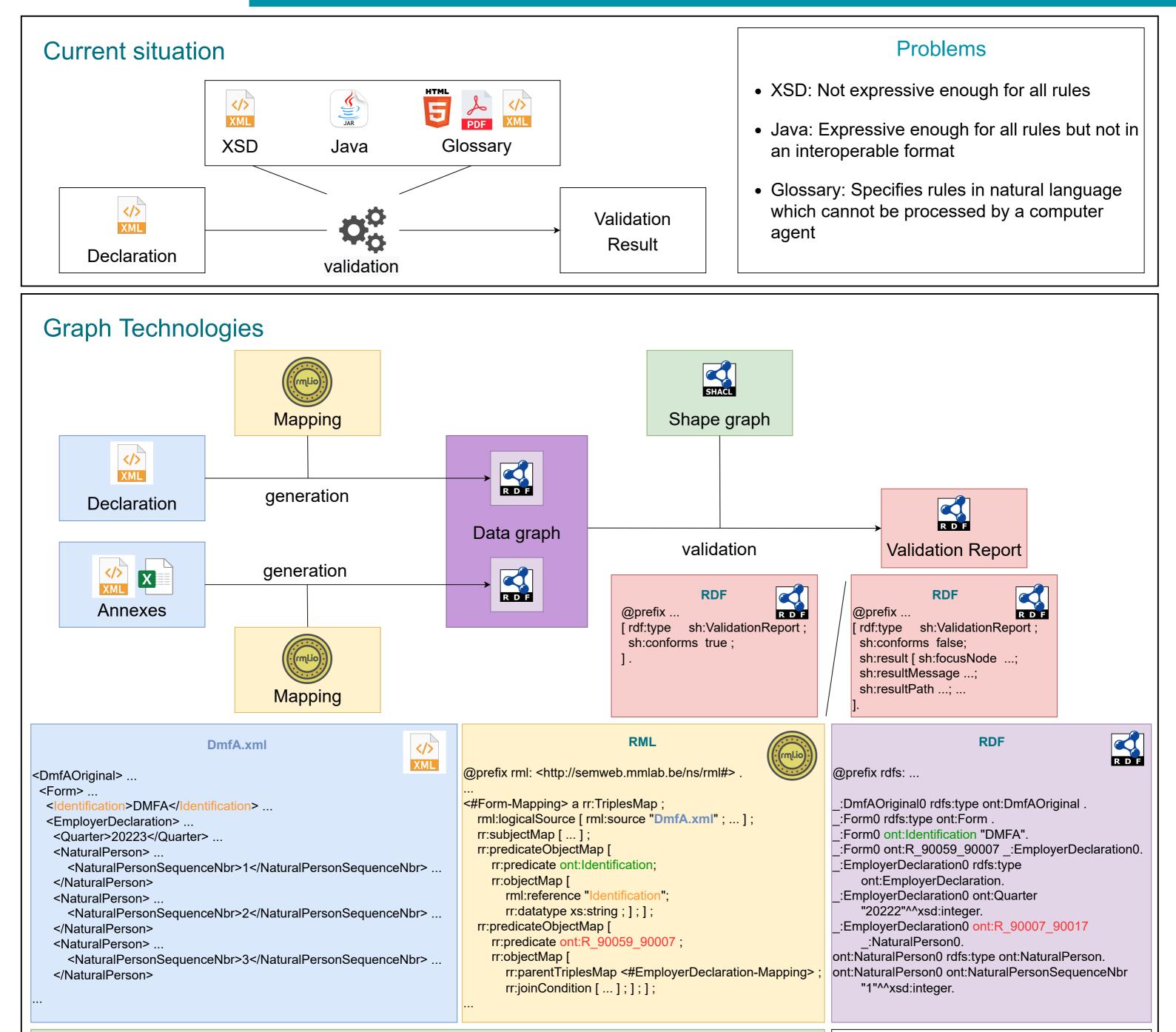
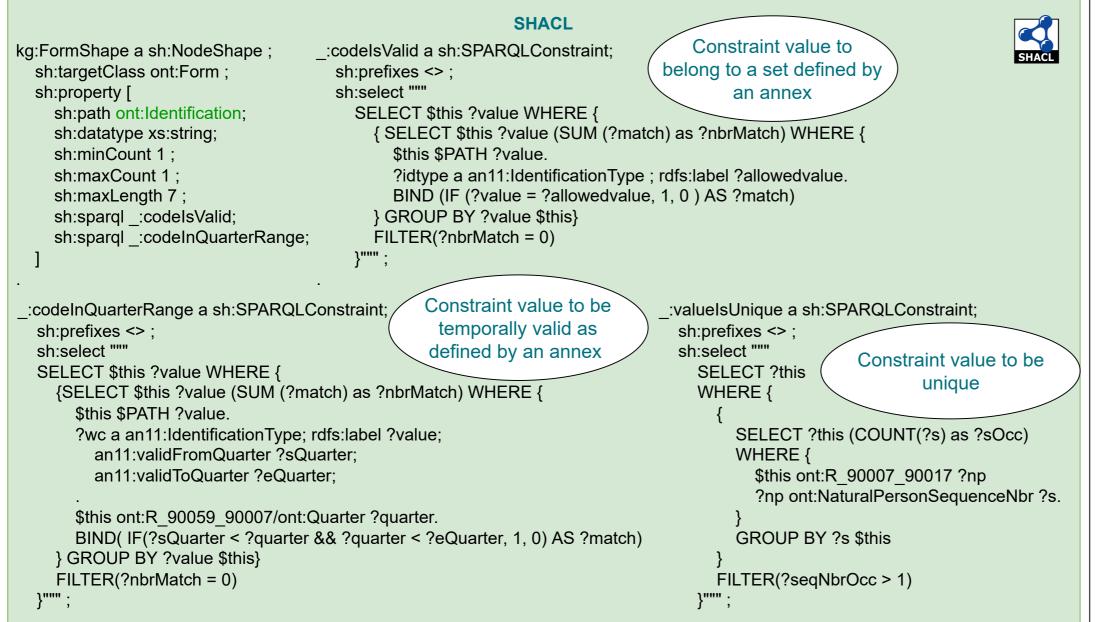


Using Knowledge Graph Technologies to Contextualize and Validate Declarations in the Social Security Domain

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Advantages

- Integration of data from various sources in multiple formats into a single data model (RDF)
- SHACL is a W3C standard hence the rules are defined in an interoperable format
- SHACL is more expressive than XSD and more complex rules can be acheived.
 - See examples on the left
 - Checksums
 - o Simple arithmetic
 - And many more ...