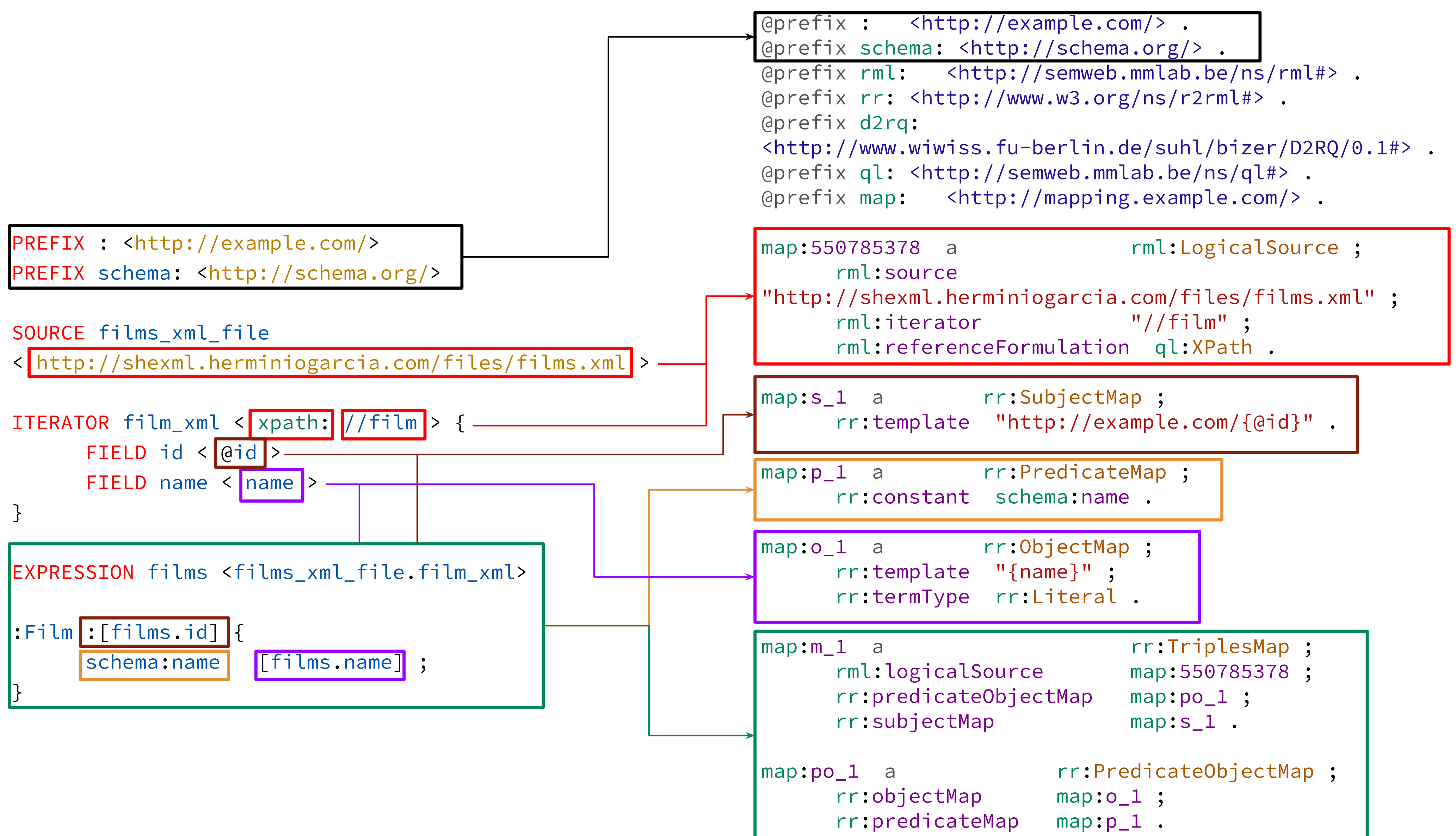


Why to tie to a single data mapping language?

Enabling a transformation from ShExML to RML



Why?

- ShExML
 - + usability and human readability
 - only one engine available
 - less functionality
 - less support
- RML
 - + widely-supported (more than 20 associated tools)
 - + more functionalities and optimisations
 - + long-term support
 - very verbose and not necessarily intended to be human-readable
- ShExML → RML
 - + usability
 - + more functionalities and optimisations
 - + long-term support

Alternatives

- YARRRML → RML
 - + tied to RML spec (straightforward conversion)
 - + enhances the human-readability of RML (compact syntax)
 - no own engine (less possibilities)
- RML → SPARQL-Generate
 - + broadens SPARQL-Generate adoption
 - does not fit the same purpose
- Ontology as a meta-language
 - + further flexibility
 - additional overhead (two translators needed)
 - very verbose intermediate language
 - difficult to cover all languages expressivity

Demo



Scan and try it!

or alternatively go to:

<http://shexml.herminiogarcia.com/editor/>