Fusepool^{p3}



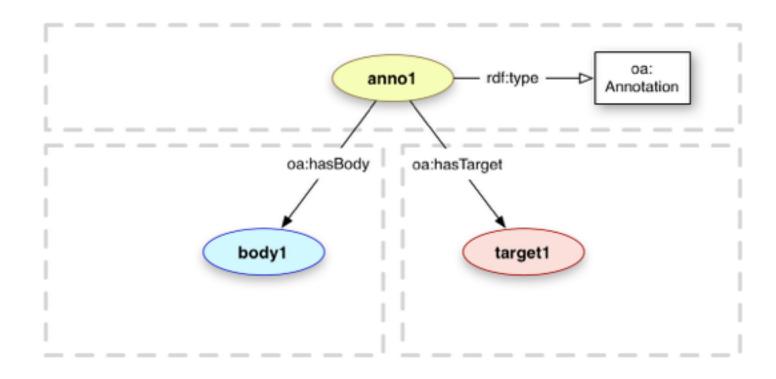
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Fusepool Annotation Model

Open Annotation (0/3)



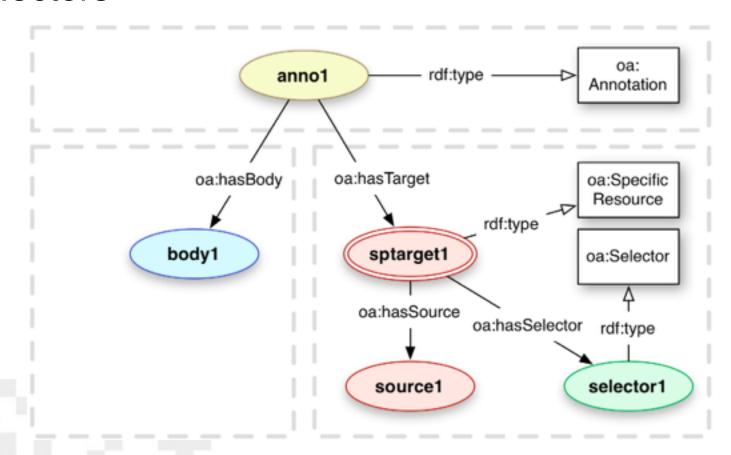




Open Annotation (1/3)



Selectors

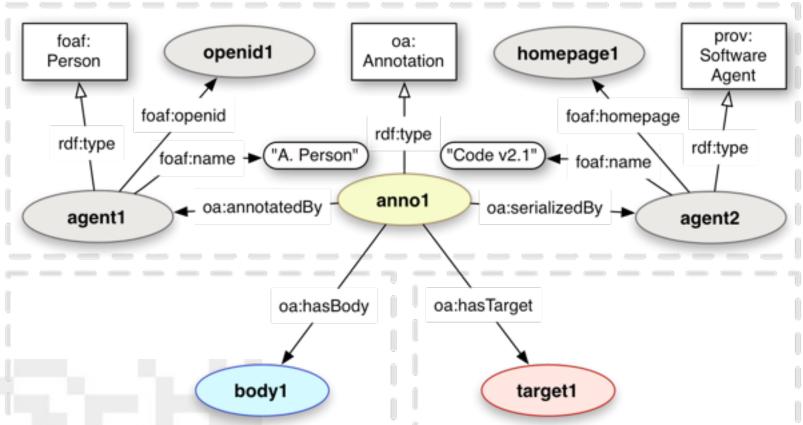




Open Annotation (2/3)



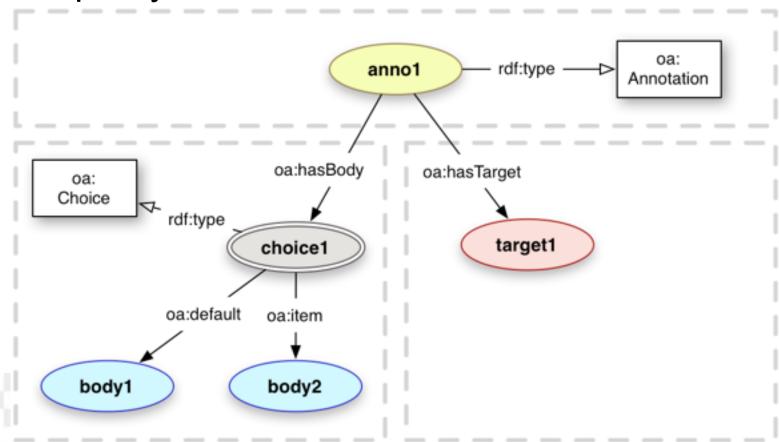
Provenance



Open Annotation (3/3)



Multiplicity Constructs





NLP Interchange Format (NIF)



"My favourite actress is Natalie Portman."

```
Tokenizer
<#char=3,12>
 a nif:String, nif:RFC5147String, nif:Word;
 nif:anchorOf
                             "favourite":
 nif:referenceContext <#char=0,>;
 nif:beginIndex
                             "3";
 nif:endIndex
                             "12".
                                            Snowball Stemmer
<#char=3,12>
                       "favourit".
 nif:stem
                                             Stanford Core NLP
<#char=3,12>
                       <a href="http://purl.org/olia/penn.owl#JJ">http://purl.org/olia/penn.owl#JJ</a>;
 nif:oliaLink
                      <a href="http://purl.org/olia/olia.owl#Adjective">http://purl.org/olia/olia.owl#Adjective</a>;
 nif:oliaCategory
 nif:lemma
                       "favorite". [sic]
                                             DBpedia Spotlight
<#char=3,12>
 itsrdf:taldentRef <a href="http://dbpedia.org/resource/Favourite">http://dbpedia.org/resource/Favourite</a>;
 itsrdf:taConfidence "0.10"^^xsd:decimal.
```

```
Integration
<#char=3,12>
 a nif:RFC5147String, nif:String;
                                             through merged RDF
 a nif:Word;
                        "favourite";
 nif:anchorOf
 nif:referenceContext <#char=0,>;
 nif:beginIndex
                        "3":
 nif:endIndex
                        "6";
                        "favourit";
 nif:stem
 nif:oliaLink
                        <a href="http://purl.org/olia/penn.owl#JJ">http://purl.org/olia/penn.owl#JJ</a>;
                        <a href="http://purl.org/olia/olia.owl#Adjective">http://purl.org/olia/olia.owl#Adjective</a>;
 nif:oliaCategory
 nif:lemma
                        "favorite":
 itsrdf:taldentRef <a href="http://dbpedia.org/resource/Favourite">http://dbpedia.org/resource/Favourite</a>;
 itsrdf:taConfidence "0.10"^^xsd:decimal.
```

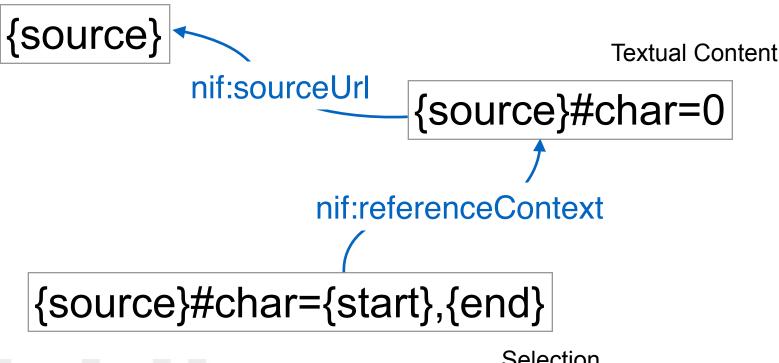
@base <http://example.org/prefix>



NIF Context and URL Scheme



Document



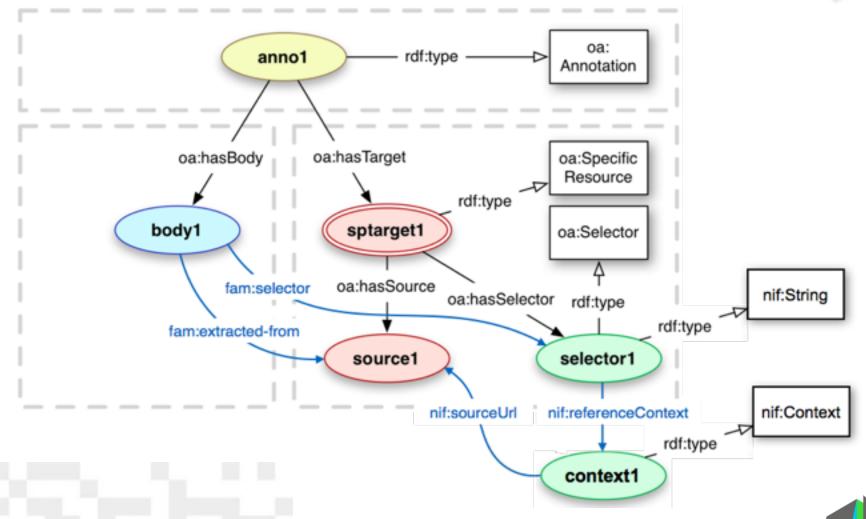
Selection

[RFC 5147]

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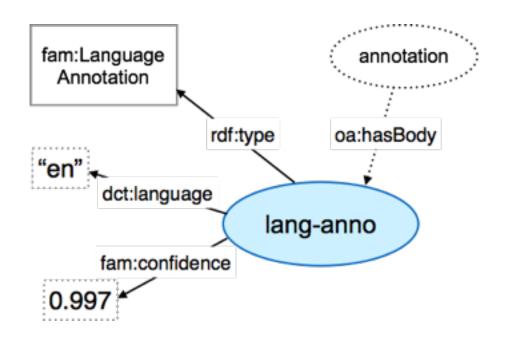
Fusepool Annotation Model





Language Annotation

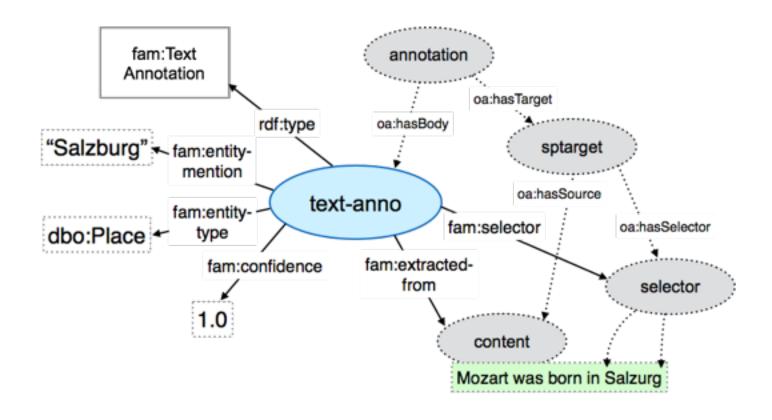






Entity Mention

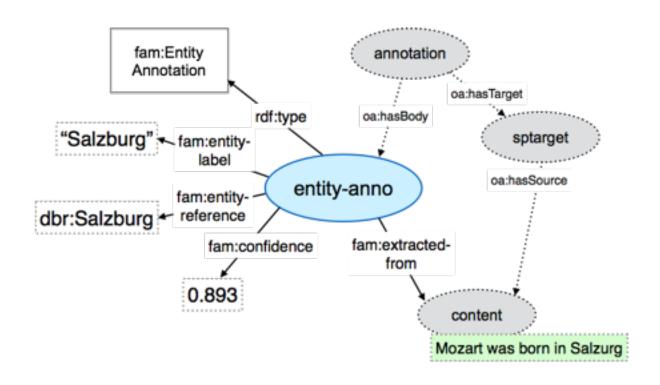






Keyword Annotation



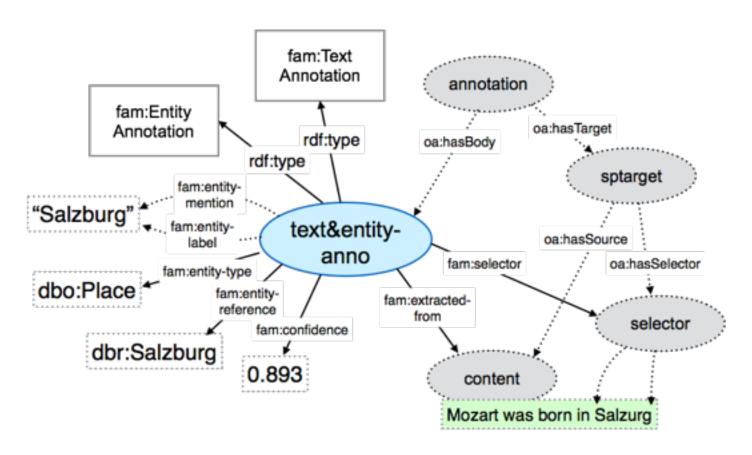


- Entity Annotation
- No Information about the Mention



Entity Linking Annotation

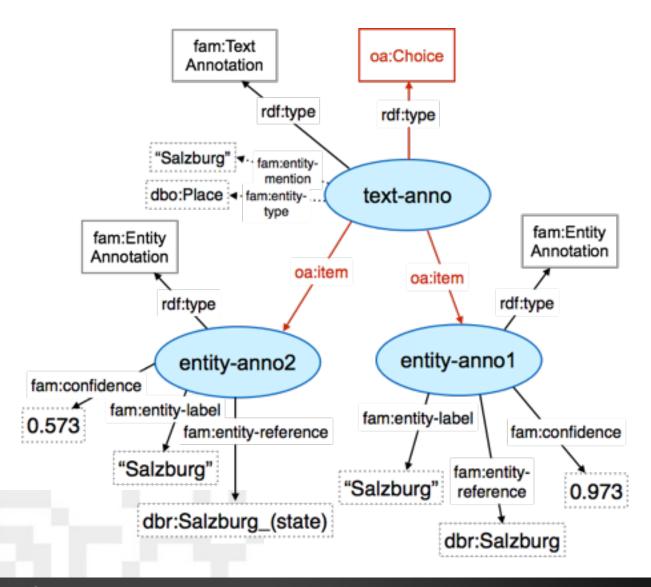




Links a Mentions with the Disambiguated Entity

Entity Suggestion

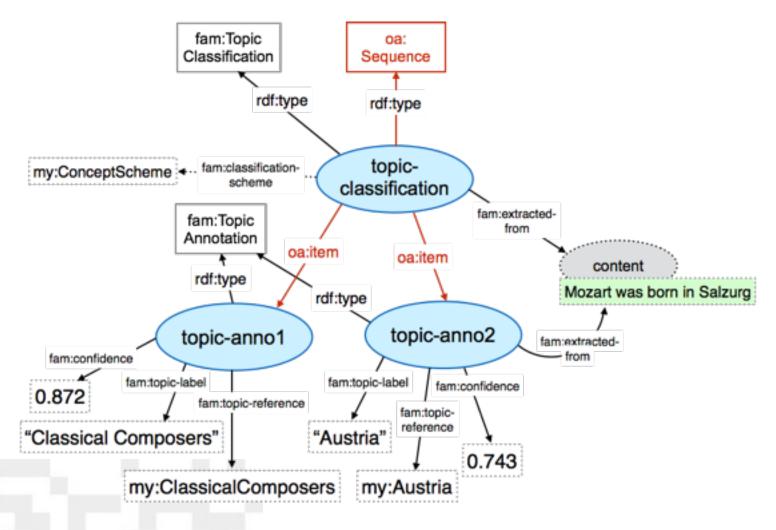






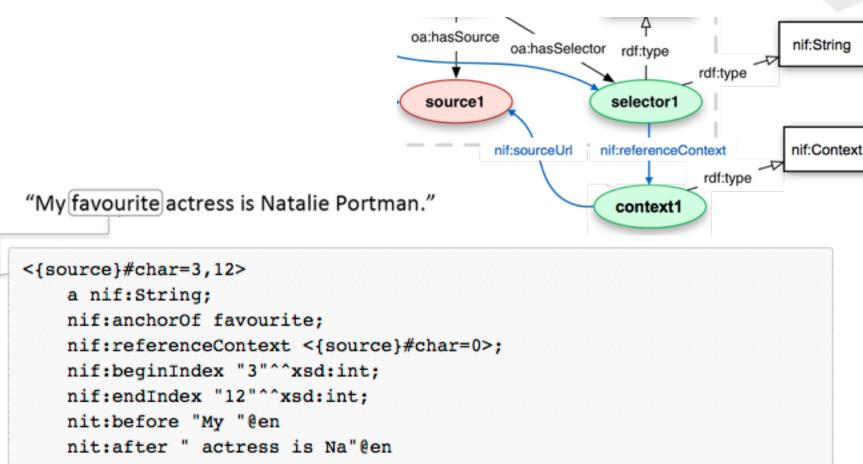
Topic Classification





NIF Text Selectors







Vielen Dank für Ihre Aufmerksamkeit!

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