

ITS Metadata “Disambiguation”

Proposal 1

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<p><span  
its-entity-type-source-ref="http://nerd.eurecom.fr/ontology"  
its-entity-type-ident-ref="http://nerd.eurecom.fr/ontology#Place"  
its-disambig-source-ref="http://dbpedia.org/"  
its-disambig-ident-ref="http://dbpedia.org/resource/Dublin"  
its-disambig-type="entity">DUBLIN</span> is the <span  
its-disambig-source-ref="http://www.w3.org/wn/wordnet-synset.rdf"  
its-disambig-ident-ref="http://.../wn/instances/sense-capital-noun-3"  
its-disambig-type="lexicalConcept">CAPITAL</span> of Ireland.</p>
```

its-disambig-type: one of "lexicalConcept", "ontologyConcept", "entity"

Disambiguation type: the level of disambiguation (lexical concept, ontology concept, entity). The disambiguation can happen at multiple levels. For instance, the level of lexical concepts disambiguates individual word surface forms, the level of ontology concepts disambiguates into deeper semantics, and the entity disambiguation works on the level of concrete instances. For instance, the word "City" in "I am going to the City" may be disambiguated in one of the WordNet synsets that can be represented by "city", an RDF ontology concept of a City that could represent a subclass of a PopulatedPlace, or the center area of a particular city, e.g. London City.

ITS Metadata “Disambiguation” Proposal 2

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<p><span  
its-target-type-ref="http://nerd.eurecom.fr/ontology#Place"  
its-disambig-ident-ref="http://dbpedia.org/resource/Dublin"  
its-disambig-level="http://www.w3.org/2005/11/its#entity">DUBLIN</span> is  
the <span  
its-disambig-source="Wordnet3.0"  
its-disambig-ident="301467919"  
its-disambig-level="http://www.w3.org/2005/11/its#lexicalConcept"  
>CAPITAL</span> of Ireland.</p>
```

its-disambig-level: one of "lexicalConcept", "ontologyConcept", "entity" as URIs