# Uses cases for RDFdiff

Here is list of the differences between the old rdf file and the new one:

* **(ok) U1: deletion of a skosxl:prefLabel**

Deletion of the skosxl:prefLabel 492497

* **(ok) U2: addition of a skosxl:prefLabel**

Addition of the skosxl:prefLabel 439435.

* **(ok) U3: deletion of a skos:altLabel**

Deletion of the skos:altLabel <skos:altLabel xml:lang="nl">interinstitutionele samenwerking EG</skos:altLabel>.

* **(ok) U4: addition of a skos:altLabel**

Addition of the skos:altLabel <skos:altLabel xml:lang="fr">coopération interinstitutionnelle (CE)</skos:altLabel>.

* **(ok) U5: modification of a skos:altLabel**

Modification of the skos:altLabels <skos:altLabel xml:lang="it">cooperazione interistituzionale CE</skos:altLabel> to <skos:altLabel xml:lang="it">cooperazione</skos:altLabel>.

* + **(ok)** The original value appears in the deletion graph
  + **(ok)** The added value appears in the insertion graph
* **(ok) U6 : deletion of a concept**

The concept http://eurovoc.europa.eu/5854 is deleted.

* + **(ok) U61:** deleted all the properties of this concept
* **(ok) U7: deletion of the relationship skos:related**

<rdf:Description rdf:about="http://eurovoc.europa.eu/214">

<skos:related rdf:resource="http://eurovoc.europa.eu/5548"/>

</rdf:Description>

* **(ok) U8 : addition of the relationship skos:broader**

<rdf:Description rdf:about="http://eurovoc.europa.eu/214">

<skos:broader rdf:resource="http://eurovoc.europa.eu/5854"/>

</rdf:Description>

* **U9 : modification of dc:identifier**

From <dct:identifier>5548</dct:identifier> to <dct:identifier>5548-A</dct:identifier>

* **U10 : modification of the euvoc:startDate of a prefLabel**

On the label "http://eurovoc.europa.eu/439423" :

From <euvoc:startDate rdf:datatype="http://www.w3.org/2001/XMLSchema#date">1952-06-16</euvoc:startDate> to <euvoc:startDate rdf:datatype="http://www.w3.org/2001/XMLSchema#date">1953-07-23</euvoc:startDate>

# Problems discovered in the test dataset

* (?) It appears that concept (http://eurovoc.europa.eu/214) version info (n/a) is deleted, which is not true.
* (ok) It appears that concept (<http://eurovoc.europa.eu/5854>) notation (5854) is deleted, which is true because the concept is deleted with all its properties.
* (?) It appears that concept (<http://eurovoc.europa.eu/214> and <http://eurovoc.europa.eu/5548> ) start date (n/a) is deleted, which is not true. This appears in the "…/version/old/delta/new/deletions" graph which means that the initial load script shall be evaluated. Is there a problem in comparing dates in Fuseki?
* (?) It appears that concept (<http://eurovoc.europa.eu/214> and <http://eurovoc.europa.eu/5548> ) inScheme is deleted, which is not true
* (TODO) Investigate: added\_reified\_concept\_pref\_label\_start\_date.rq; that should say something