PIDs at LINDAT/CLARIN (Czech CLARIN)

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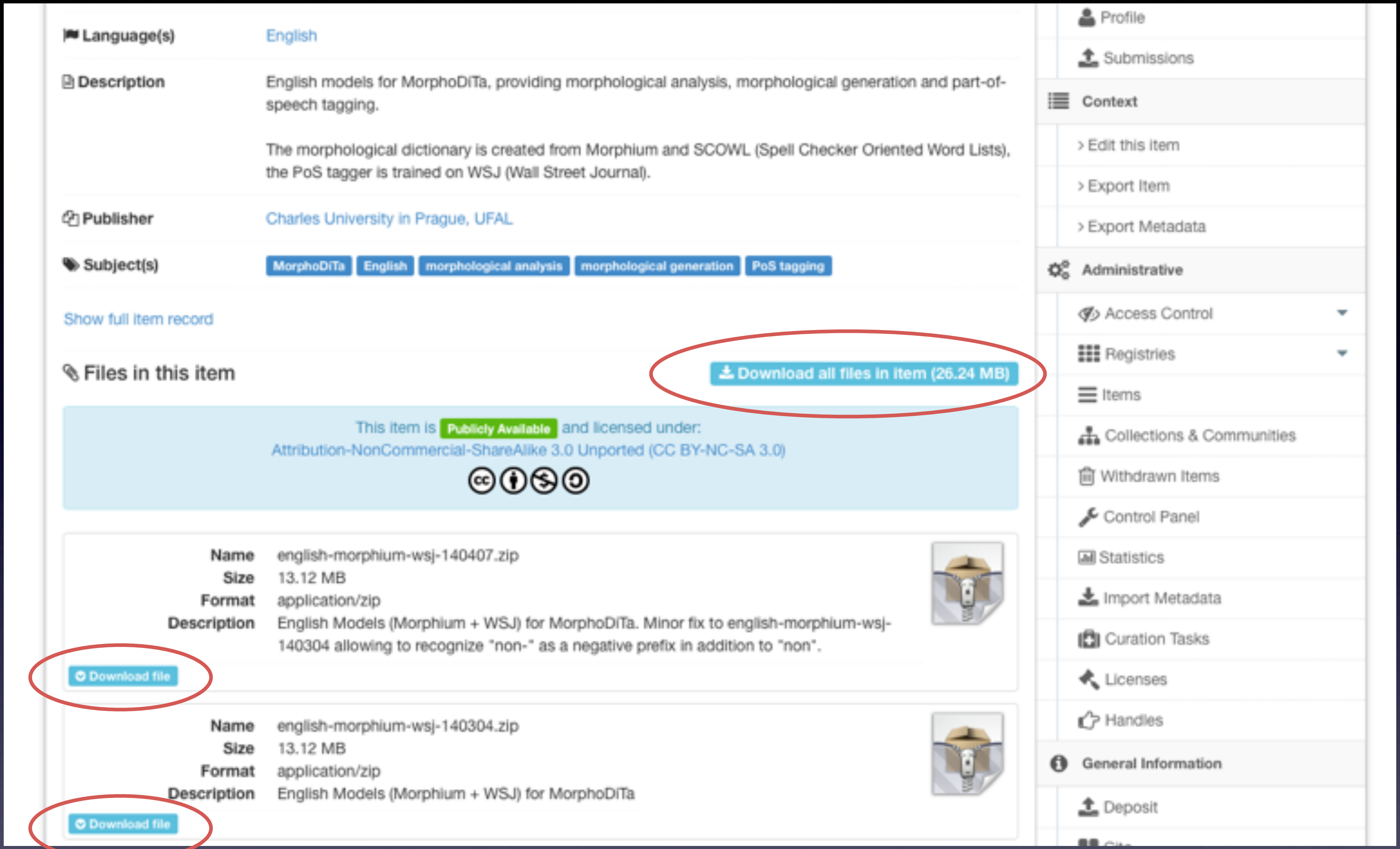
LINDAT/CLARIN repository

- Dspace: uses handles internally. Cannot work without a handle server
    - Even if we use DOIs, they must be used together with our handles anyway
- Record = handle
    - No handles for bitstreams
    - standardised URL structure (a suffix) + REST API for bitstream access
    - Bitstream URLs in metadata
        - <cmd:ResourceType>Resource</cmd:ResourceType>



Language(s): English

Description: English models for MorphoDiTa, providing morphological analysis, morphological generation and part-of-speech tagging.

The morphological dictionary is created from Morphium and SCOWL (Spell Checker Oriented Word Lists), the PoS tagger is trained on WSJ (Wall Street Journal).

Publisher: Charles University in Prague, UFAL

Subject(s): MorphoDiTa English morphological analysis morphological generation PoS tagging

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Files in this item

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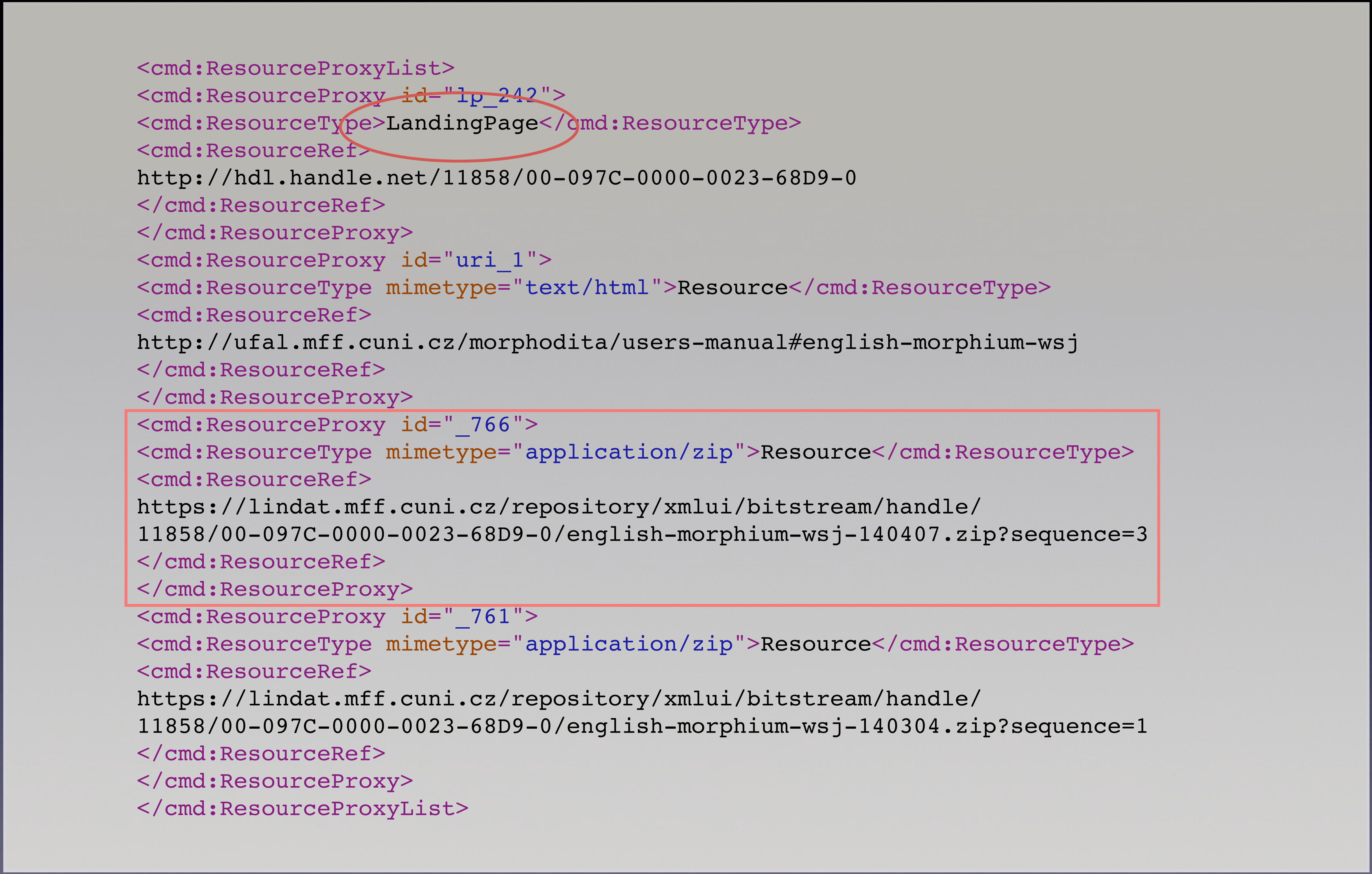
Name	english-morphium-wsj-140407.zip
Size	13.12 MB
Format	application/zip
Description	English Models (Morphium + WSJ) for MorphoDiTa. Minor fix to english-morphium-wsj-140304 allowing to recognize "non-" as a negative prefix in addition to "non".

Name	english-morphium-wsj-140304.zip
Size	13.12 MB
Format	application/zip
Description	English Models (Morphium + WSJ) for MorphoDiTa

Record View – resources

(CMDI equivalent on the next slide)



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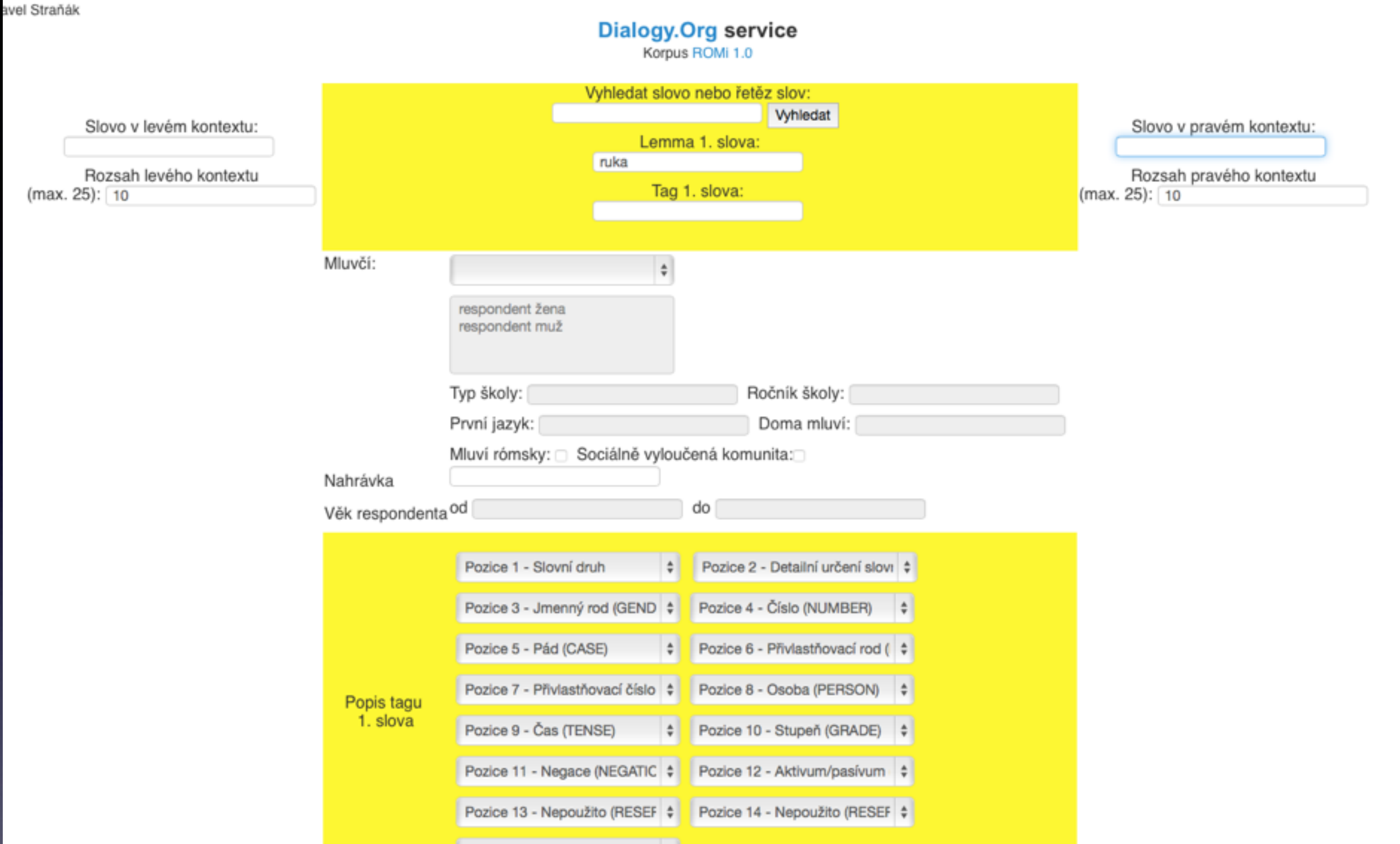
</cmd:ResourceProxy>
</cmd:ResourceProxyList>
```

Granularity of PIDs

- Typical: a corpus, individual files unimportant, with limited to no MD
  - One PID in repository, part identifiers in other apps (interfaces) – subsets
- Sometimes: rich metadata for files, still lot of files (e.g. recording + transcripts + metadata on speakers)
  - Repository is NOT a good place to work with this rich metatadata and data
  - In repository still one PID by default. subset PIDs possible, but should resolve into views in a specialised interface. E.g. a corpus search engine and browser.
- New records for explicit subsets always possible (*dc.relation.ispartof*)



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Dialogy.Org service

Korpus ROMi 1.0

Slovo v levém kontextu:

Rozsah levého kontextu (max. 25): 10

Vyhledat slovo nebo řetěz slov:

Lemma 1. slova: ruka

Tag 1. slova:

Slovo v pravém kontextu:

Rozsah pravého kontextu (max. 25): 10

Mluvčí:

respondent žena
respondent muž

Typ školy: Ročník školy:

První jazyk: Doma mluví:

Mluví rómsky: □ Sociálně vyloučená komunita: □

Nahrávka

Věk respondenta od do

Popis tagu 1. slova

Pozice 1 - Slovní druh | Pozice 2 - Detailní určení slov

Pozice 3 - Jmenný rod (GEND | Pozice 4 - Číslo (NUMBER)

Pozice 5 - Pád (CASE) | Pozice 6 - Přivlastňovací rod (

Pozice 7 - Přivlastňovací číslo | Pozice 8 - Osoba (PERSON)

Pozice 9 - Čas (TENSE) | Pozice 10 - Stupeň (GRADE)

Pozice 11 - Negace (NEGATIC | Pozice 12 - Aktivum/pasívum

Pozice 13 - Nepoužito (RESEF | Pozice 14 - Nepoužito (RESEF

Complex dataset view

A proper way to search complex metadata

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DataCite usage?

- It is possible to get DOIs from DataCite
- Czechia has no member, but German members are willing to register our data
- Good: We get DOIs. DOIs are well known and sometimes wanted (ministries, Thompson Reuters (i.e. IF, i.e. ministries …))
- Bad: We are not owners of our PIDs
- Ugly: metadata needed for DataCite is not direct subset of our metatdata
- Why DOIs? Handles can do the same, just not so known.
  - Is this a reason to resign, or rather promote (generic) handles?

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DOI vs. (generic) Handle

- DOIs impose some limitations on handles
  - Very reasonable limitations, especially for citation purposes
- Clarin requires handles, they can be DOIs
  - Clarin imposes some limitations too
    - They are very similar. E.g. all handles must have some metadata, human readable on resolving the handle via web browser
- DOIs are well established:
  - Many applications are tuned for them (CrossRef, ORCID, etc.)
  - Many use cases expect them (publishers, funders, citation indexes)

We have 2 options

- Require DOIs:
  - handles, popular, free, no real drawbacks
  - usefull services like ORCID linking, Zenodo-GitHub publishing, **ODIN, CrossRef**
- Promote generic handles (increase their usefulness):
  - **No service above really needs DOIs**
  - handles of good quality (basic metadata) should be allowed too. We have to work on that.
  - Not having unified minimal metadata might be the core problem.

We have decided to promote handles (at least for now)

- Thompson-Reuters DataCitation Index
  - We have applied, application accepted
  - Metadata checked and found OK
  - We should appear in the index …
- We will see if some situation requires DOIs