Bitext DLA Platform: Phrase Extraction

The Phrase Extraction service provides the relevant phrases and the type of phrase (nominal, verbal, adjectival or adverbial) for a sentence. A typical nominal phrase is: ***"A broken spoke"***


```
  {
    "string": "a broken spoke",
    "tag": "NP"
  },
```


Phrase Extraction will perform a constituent level syntactic analysis of the sentence and provide a list of all the phrases contained in the sentence. Let's see an example with: ***"The front wheel spoke has a broken spoke"***


```
[
  [
    {
      "string": "The front wheel",
      "tag": "NP"
    },
    {
      "string": "has",
      "tag": "VG"
    },
    {
      "string": "a broken spoke",
      "tag": "NP"
    }
  ]
]
```


This service can be customized to determine whether or not to split phrases based on certain prepositions, such as "of" and "with". The output can also be customized to include lemmatized versions of each phrase, such as:

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```
[
  [
    {
      "string": "The front wheel",
      "lemmas": "the front wheel",

      "tag": "NP"
    },
    {
      "string": "has",
      "lemmas": "have",
      "tag": "VG"
    },
    {
      "string": "a broken spoke",
      "lemmas": "a broken spoke",
      "tag": "NP"
    }
  ]
]
```