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In [1]: import spacy

nlp = spacy.load('en_core_web_sm')
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```
In [2]: # Print default stop words
print(nlp.Defaults.stop_words)
```

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{'him', 'via', 'whence', 'become', 'this', 'put', 'except', 'thru', 'u
pon', 'anywhere', 'hundred', 'last', 'herein', 'a', 'six', 'an', 'yet'
, 'yourself', 'amongst', 'about', 'becoming', 'too', 'thereupon', 'up'
, 'before', 'even', 'nowhere', 'with', 'than', 'again', 'should', 'beh
ind', 'became', 'noone', 'these', 'sixty', 'he', 'own', 'somewhere', '
whereupon', 'three', 'thereby', 'together', 'per', 'one', 'may', 'seri
ous', 'side', 'yours', 'also', 'everything', 'fifty', 'here', 'themsel
ves', 'give', 'are', 'does', 'more', 'whereafter', 'regarding', 'each'
, 'everywhere', 'them', 'until', 'anyway', 'keep', 'all', 'twelve', 'y
ourselves', 'whereby', 'anyhow', 'sometime', 'becomes', 'who', 'will',
'if', 'whoever', 'almost', 'out', 'me', 'see', 'elsewhere', 'make', 'o
urs', 'show', 'front', 'is', 'five', 'hereupon', 'most', 'sometimes',
'whom', 'within', 'have', 'name', 'namely', 'hereby', 'beyond', 'down'
, 'hers', 'four', 'what', 'mostly', 'much', 'beforehand', 'wherever',
'few', 'that', 'the', 'did', 'always', 'doing', 'between', 'whenever',
'mine', 'only', 'your', 'i', 'my', 'amount', 'third', 'back', 'myself'
, 'nine', 'though', 'under', 'which', 'us', 'among', 'various', 'when'
, 'how', 'full', 'might', 'she', 'toward', 'seem', 'due', 'fifteen', '
hence', 'has', 'say', 'either', 'for', 'same', 'but', 'nobody', 'never
theless', 'were', 'above', 'else', 'where', 'besides', 'now', 'thereaf
ter', 'wherein', 'meanwhile', 'could', 'whither', 'seems', 'while', 'o
ften', 'everyone', 'top', 'so', 'part', 'was', 'empty', 'former', 'les
s', 'off', 'on', 'had', 'just', 'anything', 'neither', 'really', 'bein
g', 'some', 'their', 'through', 'not', 'done', 'get', 'it', 'any', 'at
', 'can', 'itself', 'both', 'although', 'no', 'whereas', 'her', 'botto
m', 'further', 'our', 'twenty', 'ca', 'indeed', 'throughout', 'to', 't
owards', 'after', 'we', 'perhaps', 'move', 'next', 'such', 'anyone', '
once', 'least', 'quite', 'latterly', 'every', 'latter', 'they', 'wheth
er', 'call', 'afterwards', 'from', 'moreover', 'into', 'thence', 'thos
e', 'very', 'forty', 'seemed', 'since', 'must', 'none', 're', 'of', 'w
ould', 'nothing', 'take', 'himself', 'otherwise', 'and', 'several', 'b
ecause', 'two', 'cannot', 'onto', 'never', 'without', 'as', 'over', 'f
ormerly', 'therefore', 'first', 'other', 'am', 'used', 'thus', 'been',
'whose', 'against', 'his', 'you', 'already', 'rather', 'eleven', 'besi
de', 'below', 'using', 'please', 'still', 'therein', 'someone', 'its',
'alone', 'during', 'ten', 'by', 'eight', 'something', 'whatever', 'go'
, 'seeming', 'made', 'there', 'unless', 'herself', 'in', 'well', 'howe
ver', 'ourselves', 'hereafter', 'somehow', 'others', 'nor', 'whole', '
across', 'around', 'many', 'another', 'do', 'be', 'then', 'enough', 'w
hy', 'ever', 'or', 'along'}
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In [3]: print(len(nlp.Defaults.stop_words))
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In [7]: # Check if a word is a stop word  
nlp.vocab['is'].is_stop
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Out[7]: True

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In [9]: nlp.vocab['mystery'].is_stop
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Out[9]: False

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In [10]: nlp.vocab['btw'].is_stop
```

Out[10]: False

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In [12]: #Add the word btw to stop words  
  
nlp.Defaults.stop_words.add('btw')
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In [14]: # Set the stop word tag on the lexeme  
nlp.vocab['btw'].is_stop = True
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In [15]: nlp.vocab['btw'].is_stop
```

Out[15]: True

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In [20]: # To remove a stop word 'beyond'  
nlp.Defaults.stop_words.remove('across')
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In [21]: nlp.vocab['across'].is_stop = False
```

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In [22]: nlp.vocab['across'].is_stop
```

Out[22]: False

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In [23]: nlp.Defaults.stop_words.add('beyond')
```

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In [24]: nlp.Defaults.stop_words.remove('beyond')
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In [26]: nlp.vocab['beyond'].is_stop = False
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In [27]: nlp.vocab['beyond'].is_stop
```

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Out[27]: False
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In [ ]:
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