msaSDK Module

`.models.wdc`

Attributes

__version__ `module-attribute`

```
__version__ = '0.1.0'
```

Classes

WDCDocument

Bases: `SQLModel`

Attributes

content `class-attribute`

```
content: str = ''
```

entities `class-attribute`

```
entities: List[WDCSpan] = []
```

meanings `class-attribute`

```
meanings: List[WDCMeaning] = []
```

ndepends `class-attribute`

```
ndepends: int = 0
```

nentities `class-attribute`

```
nentities: int = 0
```

nmeanings `class-attribute`

```
nmeanings: int = 0
```

npages `class-attribute`

```
npages: int = 0
```

nparagraphs `class-attribute`

```
nparagraphs: int = 0
```

nsentences `class-attribute`

```
nsentences: int = 0
```

ntokens `class-attribute`

```
ntokens: int = 0
```

ntriples `class-attribute`

```
ntriples: int = 0
```

nwords `class-attribute`

```
nwords: int = 0
```

pages `class-attribute`

```
pages: List[WDCPage] = []
```

Functions

addEntity

```
addEntity(entity: WDCSpan)
```

addMeaning

```
addMeaning(meaning: WDCMeaning, pos: WDCPosition)
```

addPage

```
addPage(page: WDCPage)
```

getCurrentPageID

```
getCurrentPageID()
```

WDCItem

Bases: `SQLModel`

Attributes

id `class-attribute`

```
id: int = -1
```

pos `class-attribute`

```
pos: List[Tuple] = []
```

pos_text `class-attribute`

```
pos_text: List[str] = []
```

score `class-attribute`

```
score: float = 0.0
```

text `class-attribute`

```
text: str = ''
```

type `class-attribute`

```
type: str = ''
```

WDCMLDocument

Bases: `SQLModel`

Attributes

content `class-attribute`

```
content: str = ''
```

df_data `class-attribute`

```
df_data: List = []
```

entries `class-attribute`

```
entries: List[WDCMLEntry] = []
```

leaderboard_html `class-attribute`

```
leaderboard_html: str = ''
```

nentries `class-attribute`

```
nentries: int = 0
```

prediction_html `class-attribute`

```
prediction_html: str = ''
```

profile_html `class-attribute`

```
profile_html: str = ''
```

profile_learn_html `class-attribute`

```
profile_learn_html: str = ''
```

raw_json `class-attribute`

```
raw_json: List[Dict] = []
```

targetsList `class-attribute`

```
targetsList: List = []
```

trainList `class-attribute`

```
trainList: List = []
```

Functions

addEntry

```
addEntry(entry: WDCMLEntry)
```

get_leaderboard_html

```
get_leaderboard_html() -> str
```

get_prediction_html

```
get_prediction_html() -> str
```

get_profile_html

```
get_profile_html() -> str
```

get_profile_learn_html

```
get_profile_learn_html() -> str
```

set_leaderboard_html

```
set_leaderboard_html(strHTML: str)
```

set_prediction_html

```
set_prediction_html(strHTML: str)
```

set_profile_html

```
set_profile_html(strHTML: str)
```

set_profile_learn_html

```
set_profile_learn_html(strHTML: str)
```

WDCMLEntry

Bases: `SQLModel`

Attributes

density `class-attribute`

```
density: float = 0.0
```

en_tokens `class-attribute`

```
en_tokens: List[str] = []
```

en_upos `class-attribute`

```
en_upos: List[str] = []
```

en_xpos `class-attribute`

```
en_xpos: List[str] = []
```

entities `class-attribute`

```
entities: List[WDCSpan] = []
```

id `class-attribute`

```
id: int = -1
```

lng_tokens `class-attribute`

```
lng_tokens: List[str] = []
```

lng_upos `class-attribute`

```
lng_upos: List[str] = []
```

lng_xpos `class-attribute`

```
lng_xpos: List[str] = []
```

meanings `class-attribute`

```
meanings: List[WDCMeaning] = []
```

misc `class-attribute`

```
misc: Dict = {}
```

nentities `class-attribute`

```
nentities: int = 0
```

nmeanings `class-attribute`

```
nmeanings: int = 0
```

sentiment `class-attribute`

```
sentiment: str = ''
```

text `class-attribute`

```
text: str = ''
```

text_en `class-attribute`

```
text_en: str = ''
```

Functions

addEntity

```
addEntity(entity: WDCSpan)
```

addMeaning

```
addMeaning(meaning: WDCMeaning, pos: WDCPosition)
```

WDCMeaning

Bases: `SQLModel`

Attributes

Dict `class-attribute`

```
Dict = {}
```

context `class-attribute`

```
context: List[str] = []
```

description `class-attribute`

```
description: str = ''
```

domains `class-attribute`

```
domains: List[str] = []
```

entailments `class-attribute`

```
entailments: List[str] = []
```

frames `class-attribute`

```
    frames: List[str] = []
```

frames_id `class-attribute`

```
    frames_id: List[int] = []
```

frames_set `class-attribute`

```
    frames_set: List[str] = []
```

frames_set_id `class-attribute`

```
    frames_set_id: List[int] = []
```

hits `class-attribute`

```
    hits: int = 1
```

holonyms `class-attribute`

```
    holonyms: List[str] = []
```

hypernyms `class-attribute`

```
    hypernyms: List[str] = []
```

hyponyms `class-attribute`

```
    hyponyms: List[str] = []
```

id `class-attribute`

```
    id: int = -1
```

lemmas `class-attribute`

```
    lemmas: List[str] = []
```

lexname `class-attribute`

```
lexname: str = ''
```

meronyms `class-attribute`

```
meronyms: List[str] = []
```

misc `class-attribute`

```
misc = {}
```

name `class-attribute`

```
name: str = ''
```

offset `class-attribute`

```
offset: int = 0
```

pos `class-attribute`

```
pos: str = ''
```

positions `class-attribute`

```
positions: List[WDCPosition] = []
```

root `class-attribute`

```
root: str = ''
```

root_tree `class-attribute`

```
root_tree: List[str] = []
```

root_tree_names `class-attribute`

```
root_tree_names: List[str] = []
```

sees `class-attribute`

```
sees: List[str] = []
```

similar `class-attribute`

```
similar: List[str] = []
```

ssid `class-attribute`

```
ssid: str = ''
```

synset `class-attribute`

```
synset: str = ''
```

token `class-attribute`

```
token: str = ''
```

tree `class-attribute`

```
tree: List[str] = []
```

tree_names `class-attribute`

```
tree_names: List[str] = []
```

type `class-attribute`

```
type: str = ''
```

Functions

addPosition

```
addPosition(pos: WDCPosition)
```

get_domains

```
get_domains() -> str
```

get_entailments

```
get_entailments() -> str
```

get_frames

```
get_frames() -> str
```

get_frames_set

```
get_frames_set() -> str
```

get_holonyms

```
get_holonyms() -> str
```

get_hypernyms

```
get_hypernyms() -> str
```

get_hyponyms

```
get_hyponyms() -> str
```

get_lemmas

```
get_lemmas() -> str
```

get_meronyms

```
get_meronyms() -> str
```

get_root_tree

```
get_root_tree() -> str
```

get_root_tree_names

```
get_root_tree_names() -> str
```

get_sees

```
get_sees() -> str
```

get_similar

```
get_similar() -> str
```

get_synset_list_names

```
get_synset_list_names(
    lst_syn: List, sep: str = ", "
) -> str
```

get_tooltip

```
get_tooltip() -> str
```

get_tree

```
get_tree() -> str
```

processSynset

```
processSynset(syn, type: str)
```

WDCPage

Bases: `SQLModel`

Attributes

content `class-attribute`

```
content: str = ''
```

e `class-attribute`

```
e: int = -1
```

id `class-attribute`

```
id: int = -1
```

nparagraphs `class-attribute`

```
nparagraphs: int = 0
```

paragraphs `class-attribute`

```
paragraphs: List[WDCParagraph] = []
```

s `class-attribute`

```
s: int = -1
```

Functions

addParagraph

```
addParagraph(paragraph: WDCParagraph)
```

WDCParagraph

Bases: `SQLModel`

Attributes

content `class-attribute`

```
content: str = ''
```

id `class-attribute`

```
id: int = -1
```

lang `class-attribute`

```
lang: Optional[str] = None
```

ndepends `class-attribute`

```
ndepends: int = 0
```

nentities `class-attribute`

```
nentities: int = 0
```

nsentences `class-attribute`

```
nsentences: int = 0
```

ntokens `class-attribute`

```
ntokens: int = 0
```

nwords `class-attribute`

```
nwords: int = 0
```

position `class-attribute`

```
position: WDCPosition = WDCPosition()
```

semantic `class-attribute`

```
semantic: str = ''
```

sentences `class-attribute`

```
sentences: List[WDCSentence] = []
```

Functions

addPosition

```
addPosition(pos: WDCPosition)
```

addSentence

```
addSentence(sentence: WDCSentence)
```

getTextNoLF

```
getTextNoLF()
```

WDCPosition

Bases: `SQLModel`

Attributes

e `class-attribute`

```
e: int = -1
```

id `class-attribute`

```
id: int = 0
```

pageid `class-attribute`

```
pageid: int = -1
```

paraid `class-attribute`

```
paraid: int = -1
```

s `class-attribute`

```
s: int = -1
```

senid `class-attribute`

```
senid: int = -1
```

WDCSentence

Bases: `SQLModel`

Attributes

density `class-attribute`

```
density: float = 0.0
```

dependencies `class-attribute`

```
dependencies: List = []
```

en_tokens `class-attribute`

```
en_tokens: List[str] = []
```

en_upos `class-attribute`

```
en_upos: List[str] = []
```

en_xpos `class-attribute`

```
en_xpos: List[str] = []
```

id `class-attribute`

```
id: int = -1
```

lng_tokens `class-attribute`

```
lng_tokens: List[str] = []
```

lng_upos `class-attribute`

```
lng_upos: List[str] = []
```

lng_xpos `class-attribute`

```
lng_xpos: List[str] = []
```

misc `class-attribute`

```
misc: Dict = {}
```

ndepends `class-attribute`

```
ndepends: int = 0
```

nentities `class-attribute`

```
nentities: int = 0
```

ntokens `class-attribute`

```
ntokens: int = 0
```

ntriples `class-attribute`

```
ntriples: int = 0
```

nwords `class-attribute`

```
nwords: int = 0
```

position `class-attribute`

```
position: WDCPosition = WDCPosition()
```

sentiment `class-attribute`

```
sentiment: str = ''
```

text `class-attribute`

```
text: str = ''
```

text_en `class-attribute`

```
text_en: str = ''
```

tokens `class-attribute`

```
tokens: List[WDCToken] = []
```

triples `class-attribute`

```
triples: List[WDCTriple] = []
```

Functions

addPosition

```
addPosition(pos: WDCPosition)
```

addToken

```
addToken(tok: WDCToken)
```

addTriple

```
addTriple(triple: WDCTriple)
```

WDCSpan

Bases: `SQLModel`

Attributes

Dict `class-attribute`

```
Dict = {}
```

id `class-attribute`

```
id: int = -1
```

misc `class-attribute`

```
misc = {}
```

npos `class-attribute`

```
npos: int = 0
```

ntokens `class-attribute`

```
ntokens: int = 0
```

positions `class-attribute`

```
positions: List[WDCPosition] = []
```

text `class-attribute`

```
text: str = ''
```

tokens `class-attribute`

```
tokens: List[WDCToken] = []
```

type `class-attribute`

```
type: str = ''
```

Functions

addPosition

```
addPosition(pos: WDCPosition)
```

WDCToken

Bases: `SQLModel`

Attributes

density `class-attribute`

```
density: float = 0.0
```

id `class-attribute`

```
id: int = -1
```

misc `class-attribute`

```
misc: Dict = {}
```

ner `class-attribute`

```
ner: str = ''
```

nwords `class-attribute`

```
nwords: int = 0
```

position `class-attribute`

```
position: WDCPosition = WDCPosition()
```

text `class-attribute`

```
text: str = ''
```

words `class-attribute`

```
words: List[WDCWord] = []
```

Functions

addWord

```
addWord(wrd: WDCWord)
```

WDCTriple

Bases: `SQLModel`

Attributes

id `class-attribute`

```
id: int = -1
```

object `class-attribute`

```
object: Dict = {}
```

perspective `class-attribute`

```
perspective: Dict = {}
```

position `class-attribute`

```
position: WDCPosition = WDCPosition()
```

predicate `class-attribute`

```
predicate: Dict = {}
```

score `class-attribute`

```
score: float = 0.0
```

subject `class-attribute`

```
subject: Dict = {}
```

utterance `class-attribute`

```
utterance: str = ''
```

WDCWord

Bases: `SQLModel`

Attributes

deps `class-attribute`

```
deps: str = ''
```

head `class-attribute`

```
head: int = -1
```

id `class-attribute`

```
id: int = -1
```

label `class-attribute`

```
label: str = ''
```

lemma `class-attribute`

```
lemma: str = ''
```

misc `class-attribute`

```
misc: Optional[str] = None
```

morph `class-attribute`

```
morph: str = ''
```

pos `class-attribute`

```
pos: str = ''
```

role `class-attribute`

```
role: str = ''
```

text `class-attribute`

```
text: str = ''
```

type `class-attribute`

```
type: Optional[str] = ''
```

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