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**parstdex**

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Parstdex is a python package to extract time and date markers with high performance. Parstdex only uses regexes to extract markers.



## GETTING STARTED!

### 1.1 How to Install parstdex

```
pip install parstdex
```

### 1.2 How to use

```
from parstdex import Parstdex

model = Parstdex()

sentence = """                ..            """
```

#### 1.2.1 Extract spans

```
model.extract_span(sentence)
```

output :

```
{"datetime": [[6, 47], [68, 78], [82, 111]], "date": [[6, 10], [68, 78], [82, 111]],  
↪ "time": [[11, 47]]}
```

#### 1.2.2 Extract markers

```
model.extract_marker(sentence)
```

```
{  
  "datetime": {  
    "[6, 47]": "    ",  
    "[68, 78]": "  ",  
    "[82, 111]": "  .."  
  },  
  "date": {  
    "[6, 10]": "",
```

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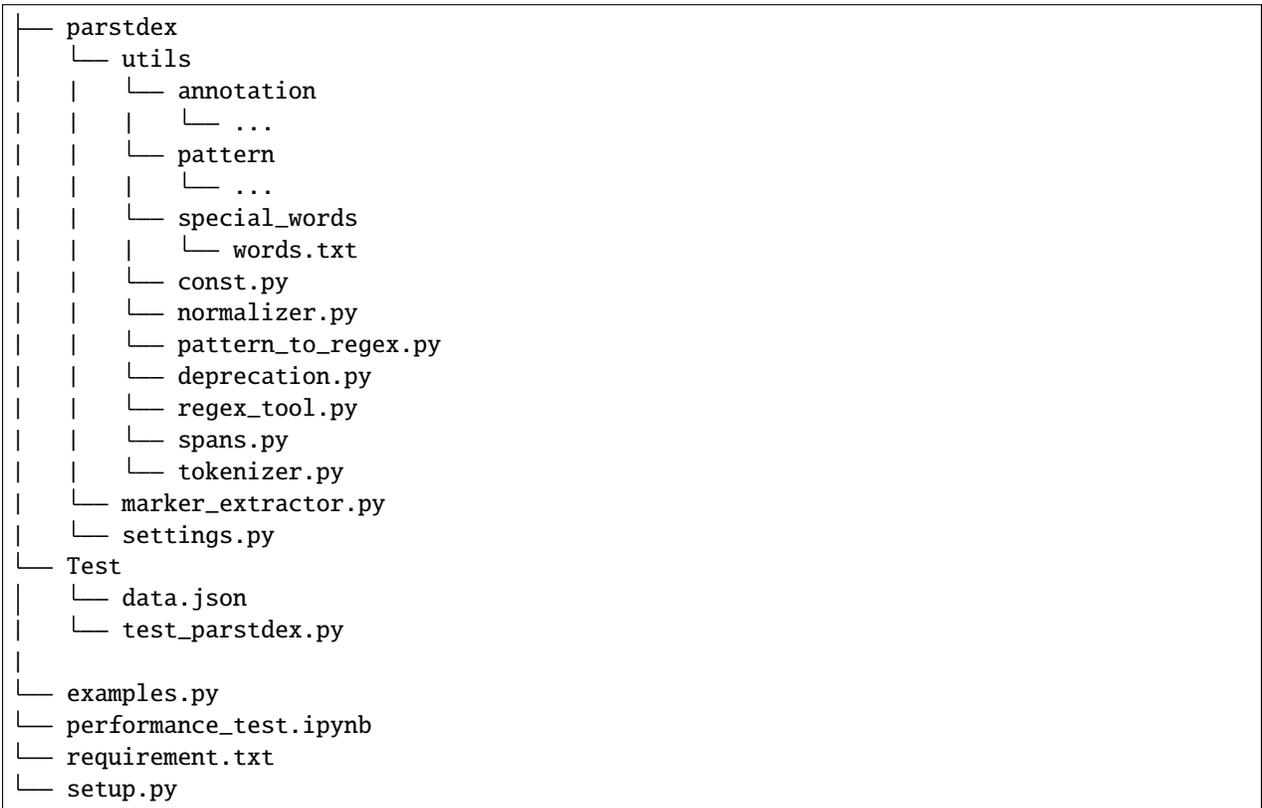


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```
("", "I-TMP"),  
(".", "I-TMP"),  
("", "I-TMP"),  
(".", "I-TMP"),  
("", "O"),  
("", "O"),  
("", "O"),  
("", "O")]
```

## FILE STRUCTURE

Parstdex architecture is very flexible and scalable and therefore suggests an easy solution to adapt to new patterns which haven't been considered yet.





## HOW TO CONTRIBUTE

Please feel free to provide us with any feedback or suggestions. You can find more information on how to contribute to Parstdex by reading the [contribution document](#).



## CITATION

If you use any part of this library in your research, please cite it using the following BibTex entry.

```
@misc{parstdex,  
  author = {Kargaran, Amir Hossein and Mirzababaei, Sajad and Jahad, Hamid},  
  title = {Parstdex: Persian Time Date Extractor Python Library},  
  year = {2021},  
  publisher = {GitHub},  
  journal = {GitHub Repository},  
  howpublished = {\url{https://github.com/kargaranamir/parstdex}},  
}
```