
DoelenCalendar Documentation

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Contents:

DEDOELEN

1.1 dedoelen Package

1.1.1 dedoelen Package

```
dedoelen.__init__.get_version(*args, **kwargs)
```

1.1.2 Subpackages

core Package

calendar Module

```
dedoelen.core.calendar.make_calendar(voorstellingen)
```

conf Module

This file contains the configuration options of the program and the code necessary to create a `Settings` instance.

```
class dedoelen.core.conf.Settings(**entries)
    Bases: object
```

A `Settings` instance contains the configuration for the program.

Parameters

- **AMSTERDAM** (`pytz.timezone`) – timezone information for Europe/Amsterdam
- **FEED_URL** (*str*) – address of the RSS feed
- **OUTFILE** (*str*) – path of the output file

convert Module

This file contains conversion functions from internal `dedoelen.core.models.Voorstelling` instances to `icalendar.Event` instances and vice versa.

```
dedoelen.core.convert.event2voorstelling(event)
```

Convert a `icalendar.Event` instance to an internal `dedoelen.core.models.Voorstelling` instance.

Parameters `event` (`icalendar.Event`) – event in the calendar

Returns event in De Doelen

Return type `dedoelen.core.models.Voorstelling`

`dedoelen.core.convert.voorstelling2event` (`voorstelling`)

Convert a `dedoelen.core.models.Voorstelling` instance to an `icalendar.Event` instance.

Parameters `voorstelling` (`dedoelen.core.models.Voorstelling`) – event in De Doelen

Returns ICS event for the event

Return type `icalendar.Event`

models Module

`class dedoelen.core.models.Voorstelling` (`title='', link='', tstart=None, tend=None, room='', desc='', seq=0`)

Bases: `object`

Een voorstelling object bevat alle informatie voor een voorstelling in De Doelen.

Parameters

- **title** (`str`) – titel van de voorstelling
- **link** (`str`) – www link voor het evenement
- **tstart** (`datetime.time`) – start tijd van het evenement
- **tend** (`datetime.time`) – eind tijd van het evenement
- **room** (`str`) – zaal waarin het evenement plaatsvind
- **description** (`str`) – beschrijving van het evenement
- **sequence** (`int`) – sequence van het evenement (wordt gebruikt wanneer het evenement wordt geupdate)

parser Module

`dedoelen.core.parser.html2voorstelling` (`page`)

scraper Module

In this file all functions related to scraping are defined.

`dedoelen.core.scraper.scrape_html` (`urls`)

Get all pages given by the `urls`. If the server returns an error when too many requests are placed, a 10 second wait is performed. If an error occurs when getting the page a 5 second wait is performed and a warning is logged. All pages are returned as (page, url) tuples.

Parameters `urls` (`list`) – urls of De Doelen events

Returns tuples of html pages and the corresponding url

Return type `list`

`dedoelen.core.scraper.scrape_rss` ()

Scrape the RSS feed for urls. All urls are collected and returned.

Returns urls scraped from RSS feed

Return type list

ui Package

cmd Module

```
class dedoelen.ui.cmd.Main
    Bases: object
    initialize()
    parse_cmdline()
    update()
    write_cal(calendar)
```

utils Package

localize Module

```
dedoelen.utils.localize.set_locale()
    Stel de taal van het programma in op Nederlands.
```

log Module

```
dedoelen.utils.log.init_logger(flushlevel)
```

progress Module

```
class dedoelen.utils.progress.AdaptiveETA(format='Elapsed Time: %s')
    Bases: progressbar.widgets.Timer
    NUM_SAMPLES = 10
    TIME_SENSITIVE = True
    update(pbar)
```

version Module

```
dedoelen.utils.version.get_git_changeset()
dedoelen.utils.version.get_version(version=None)
```


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