NtDocutils

0.1.0

Miguel Angel Rivera Notararigo

<> 0.1.0

2017-04-06 18:35:00 -04:00

© міт



NtDocutils is a **Material Design Lite** theme for **Docutils** (maybe a little more). This site was built with it, so you may see what you can do, but if you want to see all the styles, you should go to the **demo site**.

Contents

- Features
- Installation
 - From PyPI
- Usage
 - OS filtering
 - Attachments
 - Theme customization
 - Command line reference
- Uninstallation
- · Attributions and references

Features

- All features from Docutils for the rst2html5.py writer.
- Special roles for emojis and keyboard keys (see this section).
- Filter content by OS and distributions (see this section).
- Download the attachments (see this section), print the article and more from the i button.
- Theme customization (see this section).

Installation

Note



If you will install NtDocutils without a virtualeny, you will need superuser privileges.

NtDocutils requires:

- Python 3.4 or above
- Docutils 0.13.1 (autoinstalled)
- Pygments 2.2.0 (autoinstalled)

From PyPI

pip install NtDocutils==0.1.0

Usage

Basically, you have to do two things:

1. Create a . rst file:

example.rst:

```
1 =========
2 My Article
3 =========
4
5 :Author: Vultur Gryphus
6 :Contact: info@vultur.org.ve
7
8 Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
9 tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
10 quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
11 consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
12 cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
13 proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
```

2. Process your file:

ntdocutils example.rst example.html

And that's it, you already have some like this:



The following sections cover the usage of some utilities to improve your article and at the end you can see the command line reference.

OS filtering

You can create content for every OS just adding the os os-{{ OS name }} classes in the elements you want filter, NtDocutils will create the buttons dynamically at the left bottom corner and set the first OS that it finds as default. E.g:

```
1 .. class:: os os-debian
2
3 **Text for Debian**
4
5 .. class:: os os-windows
6
7 **Text for Windows**
```

Will result in:

Text for Debian

And creates the following buttons:

DEBIAN

WINDOWS

Attachments

You can set a list of useful files in the



button by adding the following lines in your article:

```
1 .. raw:: html
2
3
       <script>
4
           ATTACHMENTS = [
 5
                {
                    "url": "NtDocutils.rst",
 6
 7
                    "name": "NtDocutils 0.1.0.rst",
8
                    "icon": "code"
9
                }
10
           ];
11
       </script>
```

Syntax



ATTACHMENTS is a global array, it store the files list showed in



button, each file must be defined as

an object with the following properties:

url(String)

URL to the file, could be an external link.

name(String)

Optional. Name displayed at the list, also overwrites the attachment name.

icon(String)

Optional. **Material icon** displayed at the list, by default **NtDocutils** uses an icon related to the file extension.

```
.. raw:: html
 2
 3
       <script>
 4
           ATTACHMENTS = [
 5
                {
 6
                     "url": URL,
                     "name": DISPLAY_NAME,
 7
                     "icon": ICON_NAME
8
9
                },
10
11
                     "url": URL_N,
12
13
                     "name": DISPLAY_NAME_N,
14
                     "icon": ICON NAME N
15
                }
16
            ];
       </script>
17
```

Theme customization

You can use the customize tool from the MDL site to get a custom .css with your preferred colors, after that, you must setup some styles by creating a file with the following template:

customize.css

```
1 /* Ribbon */
2
3    .ribbon {
4         background-color: {{ Primary color }};
5    }
6
7 /* ... */
```

The recommended color for the ribbon background (line 4) is the primary color from the theme, you can get this value searching the property color at the rule .mdl-button.mdl-button-colored in the file you downloaded from MDL (material.min.css). The links (line 88) uses the accent color from the theme, but in some cases this make them a little unreadable, so you could uncomment it and use the primary color. You can feel free editing the others rules, but usually they will be fine with that values. When you are ready, you have to run NtDocutils with the following option:

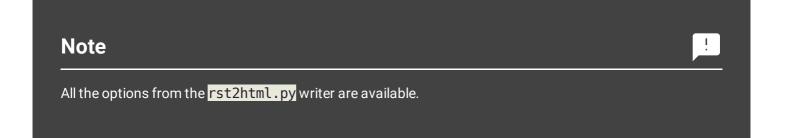
```
ntdocutils --stylesheet=path/to/material.min.css,path/to/customize.css \
source.rst destination.html
```

Command line reference

ntdocutils [-h] [-V] [-S SERVER] SOURCE DESTINATION

-S SERVER, --server SERVER

Server where assets are hosted. If **file** is passed as value, it will activate the offline mode, this will create a directory with the theme name in the **DESTINATION** parent folder and stores the necessary assets in there.



Uninstallation

Note

If you did install NtDocutils without a virtualenv, you will need superuser privileges.

Should be enough with this 😂:



pip uninstall NtDocutils

Attributions and references

NtDocutils uses:

- reStructuredText and Docutils
- Material Design Lite
- Roboto
- Material icons

Docutils Team. reStructuredText. http://docutils.sourceforge.net/rst.html

Mozilla Developer Network. JavaScript | MDN. https://developer.mozilla.org/en-US/docs/Web/JavaScript