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# **Ella Category Subdomain Documentation**

***Release 0.5.3***

**Sanoma Media s.r.o.**

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Ella Category Subdomain is an application for the [Ella](#), a [Django](#) based CMS system.

[Ella](#) CMS system uses category hierarchy to sort out it's content. An [Ella](#) It provides support for subdomains which reflect a first level of [Ella](#) categories. This feature is important for SEO optimalization.



- Installation: *Installation*
- Configuration: *Configuration*

## Installation

The application is provided via pypi. It is possible to install it using:

```
...  
pip install Ella-Category-Subdomain  
...
```

## Dependencies

For the correct functionality, only [Ella](#) CMS is required.

Please find the requirements in the requirements directory:

- file base.txt

## Source Code

The source code is provided via [GitHub](#) accessible at the following location:

`git://github.com/SanomaCZ/ella-category-subdomain.git`

# Configuration

The first step in actual code will be adding Ella Category Subdomain to your project's `INSTALLED_APPS` along with some required settings, the resulting values (unchanged values are omitted) should look:

```
...
INSTALLED_APPS = (
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.sites',
    'django.contrib.redirects',

    'ella_category_subdomain',
    'ella.core',
    'ella.photos',
    'ella.newman',
    'ella.articles',

    'djangomarkup',
)
...
```

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**Note:** Please note that the `ella_category_subdomain` application preceedes all other Ella applications. This is *REQUIRED* for the correct functionality.

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# Middleware

The `CategorySubdomainMiddleware` must be present in the application settings.:

```
...
MIDDLEWARE_CLASSES = (
    'ella_category_subdomain.middleware.CategorySubdomainMiddleware',
) + MIDDLEWARE_CLASSES
...
```

# RedirectMiddleware

Should you wish Ella to redirect the old style URL to a new ones, the `CategorySubdomainRedirectMiddleware` in the application settings:

```
...
MIDDLEWARE_CLASSES = (
    'ella_category_subdomain.middleware.CategorySubdomainRedirectMiddleware',
) + MIDDLEWARE_CLASSES
...
```



## Settings

The Ella Category Subdomain application provides a new setting parameter called `CATEGORY_SUBDOMAIN_OLD_STYLE_URL`:

```
...  
CATEGORY_SUBDOMAIN_OLD_STYLE_URL = False  
...
```

The parameter defaults to *False* and when set to *True*, it enables the old style URLs. These are URLs in the form used before the *Ella Category Subdomain* application has been used.

- When *False* only new style URLs are allowed, throwing *404* error code when the old style URL is used.
- When *True*, the both forms are allowed.
- When *True* and the *CategorySubdomainRedirectMiddleware* is configured, the old style URLs are redirected to new ones.

The Ella Category Subdomain application provides a new setting parameter called `CATEGORY_SUBDOMAIN_IGNORE_PATHS`:

```
...  
CATEGORY_SUBDOMAIN_IGNORE_PATHS = ['/feeds/rss', '/feeds/atom', ]  
...
```

The parameter is a list of URL paths which are not category related. As the list of all paths cannot be detected or found out otherwise, so this has been added to help.