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# **django-yaturbo Documentation**

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<https://github.com/idlesign/django-yaturbo>



# CHAPTER 1

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## Description

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*Reusable Django app to enable Yandex Turbo Pages for your site*

This app allows you to define Yandex Turbo pages feeds in term similar to those of Django Syndication Feed Framework contrib.





## CHAPTER 2

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### Requirements

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1. Python 2.7+, 3.5+
  2. Django 1.8+



## 3.1 Quickstart

1. Inherit your feed class from **YandexTurboFeed**:

```
# feeds.py
from yatorbo import YandexTurboFeed

class TurboFeed(YandexTurboFeed):
    """
    More information on Django Syndication Feed Framework configuration:
    https://docs.djangoproject.com/en/2.0/ref/contrib/syndication/
    """

    turbo_sanitizе = True # Let's strip HTML tags unsupported by Turbo pages.

    def item_turbo(self, item):
        # By default Turbo contents is taken from `item_description`.
        # Here we take turbo page contents from `html` attribute of an item.
        # Since we have `turbo_sanitizе = True`, our HTML will be sanitized
        # automatically.
        #
        # Take a note, that if we return falsy item would be considered
        # as not having turbo contents at all.
        #
        return item.get('html', '')

    # You can also override other item_turbo_* family members.
```

2. Pass an instantiated (and optionally configured) feed object to *urlpatterns*:

```
# urls.py
from .feeds import TurboFeed
```

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```

feed = TurboFeed()

# configure Yandex Metrika counter
feed.configure_analytics_yandex('123456789')

# configure Yandex Advertisement Network
feed.configure_ad_yandex('A-123', 'page-top')

urlpatterns = [
    ...
    path('feeds/turbo/', feed),
    ...
]

```

## 3.2 API

**class** `yaturbo.toolbox.YandexTurboFeed`  
 Yandex Turbo Pages Feed.

```

from yaturbo import YandexTurboFeed

class TurboFeed(YandexTurboFeed):
    '''
    More information on Django Syndication Feed Framework configuration:
    https://docs.djangoproject.com/en/2.0/ref/contrib/syndication/
    '''

    turbo_sanitize = True # Let's strip HTML tags unsupported by Turbo pages.

    def item_turbo(self, item):
        return 'turbo contents'

feed = TurboFeed()

# configure Yandex Metrika counter
feed.configure_analytics_yandex('123456789')

# configure Yandex Advertisement Network
feed.configure_ad_yandex('A-123', 'page-top')

urlpatterns = [
    ...
    path('turbo/', feed),
    ...
]

```

**configure\_ad\_yandex** (*ident*, *turbo\_id=u*)  
 Configure Yandex Advertisement Network.

### Parameters

- **ident** (*str/unicode*) – Ad ID.

- **turbo\_id** (*str/unicode*) – ID of a place (figure) on Turbo page where to put an Ad block.

**configure\_analytics\_google** (*ident*)

Configure Google Analytics counter.

**Parameters** *ident* (*str/unicode*) – Counter ID.

**configure\_analytics\_yandex** (*ident, params=None*)

Configure Yandex Metrika analytics counter.

**Parameters**

- **ident** (*str/unicode*) – Metrika counter ID.
- **params** (*dict*) – Additional params.

**item\_turbo** (*item*)

This can be overridden to set turbo contents.

**Parameters** *item* –

**Return type** *str/unicode*

**item\_turbo\_source** (*item*)

This can be overridden to set turbo source URL.

Can be used with Yandex Metrika.

**Parameters** *item* –

**Return type** *str/unicode*

**item\_turbo\_topic** (*item*)

This can be overridden to set turbo page topic (title).

Can be used with Yandex Metrika.

**Parameters** *item* –

**Return type** *str/unicode*

**turbo\_sanitize = False**

Whether to automatically sanitize HTML contents returned from *.item\_turbo()*.

Can be useful if you do not keep special HTML for Turbo pages.

`yaturbo.toolbox.sanitize_turbo` (*html*, *allowed\_tags*=[`'a'`, `'abbr'`, `'b'`, `'big'`, `'blockquote'`, `'br'`, `'button'`, `'code'`, `'dd'`, `'del'`, `'div'`, `'dl'`, `'dt'`, `'em'`, `'figcaption'`, `'figure'`, `'form'`, `'h1'`, `'h2'`, `'h3'`, `'h4'`, `'h5'`, `'h6'`, `'header'`, `'hr'`, `'i'`, `'iframe'`, `'img'`, `'ins'`, `'li'`, `'menu'`, `'meta'`, `'ol'`, `'p'`, `'pre'`, `'small'`, `'source'`, `'strong'`, `'sub'`, `'sup'`, `'table'`, `'td'`, `'th'`, `'tr'`, `'u'`, `'ul'`, `'video'`], *allowed\_attrs*={`'a'`: [`'data-turbo'`, `'href'`], `'abbr'`: [`'title'`], `'button'`: [`'data-agreement-company'`, `'data-agreement-link'`, `'data-background-color'`, `'data-color'`, `'data-primary'`, `'data-send-to'`, `'data-turbo'`, `'disabled'`, `'formaction'`], `'div'`: [`'data-agreement-company'`, `'data-agreement-link'`, `'data-author'`, `'data-avatar-url'`, `'data-block'`, `'data-color'`, `'data-description'`, `'data-expanded'`, `'data-height'`, `'data-icon'`, `'data-item-view'`, `'data-layout'`, `'data-network'`, `'data-send-to'`, `'data-stick'`, `'data-subtitle'`, `'data-thumb'`, `'data-thumb-position'`, `'data-thumb-ratio'`, `'data-title'`, `'data-type'`, `'data-url'`, `'data-value'`, `'data-view'`, `'itemscope'`, `'itemtype'`], `'figure'`: [`'data-platform-desktop'`, `'data-platform-mobile'`, `'data-turbo-ad-id'`], `'form'`: [`'action'`, `'data-agreement-company'`, `'data-agreement-link'`, `'data-send-to'`, `'data-type'`, `'method'`, `'name'`, `'placeholder'`, `'type'`], `'iframe'`: [`'allowfullscreen'`, `'frameborder'`, `'hd'`, `'height'`, `'referrerpolicy'`, `'sandbox'`, `'src'`, `'width'`], `'img'`: [`'src'`], `'meta'`: [`'content'`, `'itemprop'`], `'source'`: [`'data-duration'`, `'data-title'`, `'src'`, `'type'`], `'table'`: [`'data-invisible'`], `'video'`: [`'height'`, `'width'`]})

Sanitizes HTML, removing not allowed tags and attributes.

#### Parameters

- **html** (*str|unicode*) –
- **allowed\_tags** (*list*) – List of allowed tags.
- **allowed\_attrs** (*dict*) – Dictionary with attributes allowed for tags.

**Return type** unicode

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