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**django-haystack**

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**#django-  
haystack**

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# About

You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: [django-haystack](#)

It is an unofficial and free django-haystack ebook created for educational purposes. All the content is extracted from [Stack Overflow Documentation](#), which is written by many hardworking individuals at Stack Overflow. It is neither affiliated with Stack Overflow nor official django-haystack.

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# Chapter 1: Getting started with django-haystack

## Remarks

This section provides an overview of what django-haystack is, and why a developer might want to use it.

It should also mention any large subjects within django-haystack, and link out to the related topics. Since the Documentation for django-haystack is new, you may need to create initial versions of those related topics.

## Versions

Version	Release Date
<a href="#">2.5.1</a>	2016-10-28
<a href="#">2.5.0</a>	2016-07-12
<a href="#">2.4.1</a>	2015-10-29
<a href="#">2.4.0</a>	2015-06-09
<a href="#">2.3.2</a>	2015-11-11
<a href="#">2.3.1</a>	2014-09-22
<a href="#">2.3.0</a>	2014-09-19
<a href="#">2.2.1</a>	2014-09-03
<a href="#">2.2.0</a>	2015-08-03
<a href="#">2.1.0</a>	2013-07-28
<a href="#">2.0.0</a>	2013-05-12

## Examples

### Installation or Setup

### Installing the haystack package

```
pip install django-haystack
```

## Configuration

Add `haystack` to your project's `INSTALLED_APPS` inside of your `settings.py` file:

```
# settings.py
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',

    # Put haystack with above your project's apps
    'haystack',

    'myproject_app',
]
```

Now add the settings for your search backend. Haystack currently supports: solr, elasticsearch, whoosh, and xapian.

### Solr:

```
HAYSTACK_CONNECTIONS = {
    'default': {
        'ENGINE': 'haystack.backends.solr_backend.SolrEngine',
        'URL': 'http://127.0.0.1:8983/solr'
        # ...or for multicore...
        # 'URL': 'http://127.0.0.1:8983/solr/mysite',
    },
}
```

### Elasticsearch:

```
HAYSTACK_CONNECTIONS = {
    'default': {
        'ENGINE': 'haystack.backends.elasticsearch_backend.ElasticsearchSearchEngine',
        'URL': 'http://127.0.0.1:9200/',
        'INDEX_NAME': 'haystack',
    },
}
```

### Whoosh:

```
import os

HAYSTACK_CONNECTIONS = {
    'default': {
        'ENGINE': 'haystack.backends.whoosh_backend.WhooshEngine',
        'PATH': os.path.join(os.path.dirname(__file__), 'whoosh_index'),
    },
}
```

## Xapian:

```
import os

HAYSTACK_CONNECTIONS = {
    'default': {
        'ENGINE': 'xapian_backend.XapianEngine',
        'PATH': os.path.join(os.path.dirname(__file__), 'xapian_index'),
    },
}
```

Read [Getting started with django-haystack](https://riptutorial.com/django-haystack/topic/3145/getting-started-with-django-haystack) online: <https://riptutorial.com/django-haystack/topic/3145/getting-started-with-django-haystack>

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# Credits

S. No	Chapters	Contributors
1	Getting started with django-haystack	<a href="#">blackrobot</a> , <a href="#">Community</a> , <a href="#">MicroPyramid</a> , <a href="#">Nathan Jones</a>