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# **django-realestate Documentation**

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# CHAPTER 1

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## Installing

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Install **django-realestate** with `pip install -e git+https://github.com/wm3ndez/realestate.git#egg=realestate`.



Add dependencies to `INSTALLED_APPS`:

```
INSTALLED_APPS =(  
    # other apps  
  
    'realestate',  
    'realestate.listing',  
    'realestate.home',  
  
    #django-constance  
    'constance',  
    # see django-constance documentation  
    'constance.backends.database',  
    'widget_tweaks',  
    'haystack',  
  
)
```

Add the url patterns:

```
url('^', include('realestate.urls'))
```

Configure Constance:

```
CONSTANCE_CONFIG = {  
    'PROPERTIES_PER_PAGE': (16, 'Properties per page'),  
    'RECENTLY_ADDED': (6, 'Recently Added'),  
    'CONTACT_DEFAULT_EMAIL': ('contact@example.com', 'Contact form email')  
}
```

Assuming that you are storing Constance values in the Database:

```
CONSTANCE_BACKEND = 'constance.backends.database.DatabaseBackend'
```

Though, the default and recommended backend is Redis. You can read more here: <https://github.com/comoga/django-constance#redis-default>



We're using Haystack to handle the search. Here is an example using Elasticsearch:

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

You might use a simpler configuration for development:

```
HAYSTACK_CONNECTIONS = {
    'default': {
        'ENGINE': 'haystack.backends.simple_backend.SimpleEngine',
    },
}
```

For more info you can look at Haystack documentation: <http://django-haystack.readthedocs.org/en/latest/tutorial.html#modify-your-settings-py>



# CHAPTER 4

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## RESTful API

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**djangoestframework**