

# ElasticSearch

## Install

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- In your shell, execute the following commands do install the server

```
wget https://download.elasticsearch.org/elasticsearch/elasticsearch/elasticsearch-1.4.2.deb
sudo dpkg -i elasticsearch-1.4.2.deb
```

- To execute the server, execute in the shell

```
sudo /etc/init.d/elasticsearch start
```

## Configure eZ Publish

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- Edit EzPublishKernel.php and add the following lines

```
use eZ\Bundle\EzPublishElasticsearchBundle\EzPublishElasticsearchBundle
;
new EzPublishElasticsearchBundle()
```

- Edit ezpublish.yml and change the engine line

```
ezpublish:
  repositories:
    eng_repository:
      #engine: legacy
      engine: legacy_elasticsearch
      connection: eng_repository_connection
```

## Create Mapping Settings

- Create mappings folder and copy the necessary files

```
mkdir ezpublish/config/mappings
cp vendor/ezsystems/ezpublish-kernel/eZ/Publish/Core/Persistence/Elasticsearch/Content/Search/Resources/mappings/location.json ezpublish/confi
```

```
g/mappings/  
cp vendor/ezsystems/ezpublish-kernel/eZ/Publish/Core/Persistence/Elasticsearch/Content/Search/Resources/mappings/content.json ezpublish/config/mappings/
```

## Index content

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- You can index your content, with the following command

```
php ezpublish/console ezpublish:elasticsearch_create_index --verbose
```

- To test elasticsearch, just execute the following command replacing 'started' with some word existent in your content

```
curl 'http://localhost:9200/_search?q=started'
```