

## 2.9. Text Search

After MongoDB 2.4 version, supports search documents by text indexes.

### 2.9.1. Defining a Document with text index

Use the \$ prefix to set a text index, Look the declaration:

```
class News(Document):
    title = StringField()
    content = StringField()
    is_active = BooleanField()

    meta = {'indexes': [
        {'fields': ['$title', '$content'],
         'default_language': 'english',
         'weights': {'title': 10, 'content': 2}
        }]
    }
```

### 2.9.2. Querying

Saving a document:

```
News(title="Using mongodb text search",
     content="Testing text search").save()

News(title="MongoEngine 0.9 released",
     content="Various improvements").save()
```

Next, start a text search using `QuerySet.search_text` method:

```
document = News.objects.search_text('testing').first()
document.title # may be: "Using mongodb text search"

document = News.objects.search_text('released').first()
document.title # may be: "MongoEngine 0.9 released"
```

## 2.9.3. Ordering by text score

```
objects = News.objects.search_text('mongo').order_by('$text_score')
```