2.9. 文本搜索

MongoDB 2.4版本后，支持通过文本索引搜索文档。

2.9.1. 定义带有文本索引的文档

使用$前缀设置文本索引，看声明：

```python
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. 查询

保存文档：

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

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

接下来，使用方法开始文本搜索 `QuerySet.search_text` ：

```python
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. 按文本分数排序

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