# Elasticsearch查询

## [查询和过滤上下文](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html)

下面是在searchAPI 中的查询和过滤器上下文中使用的查询子句的示例。此查询将匹配满足以下所有条件的文档：

* 该title字段包含单词search。
* 该content字段包含单词elasticsearch。
* 该status字段包含确切的单词published。
* 该publish\_date字段包含从2015年1月1日起的日期。

GET /\_search

{

"query": { https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/1.png

"bool": { https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/2.png

"must": [

{ "match": { "title": "Search" }}, https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/3.png

{ "match": { "content": "Elasticsearch" }} https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/4.png

],

"filter": [ https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/5.png

{ "term": { "status": "published" }}, https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/6.png

{ "range": { "publish\_date": { "gte": "2015-01-01" }}} https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/7.png

]

}

}

}

[在控制台中](http://localhost:5601/app/kibana#/dev_tools/console?load_from=https://www.elastic.co/guide/en/elasticsearch/reference/6.0/snippets/query-filter-context/1.json)**复制为CURL**[视图](http://localhost:5601/app/kibana#/dev_tools/console?load_from=https://www.elastic.co/guide/en/elasticsearch/reference/6.0/snippets/query-filter-context/1.json)

|  |  |
| --- | --- |
| [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/1.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-1) | 该query参数表示查询上下文。 |
| [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/2.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-2) [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/3.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-3) [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/4.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-4) | 该bool两个match子句查询相关内容，这意味着它们被用来评定每个文档匹配如何使用。 |
| [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/5.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-5) | 该filter参数表示过滤器上下文。 |
| [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/6.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-6) [https://www.elastic.co/guide/en/elasticsearch/reference/6.0/images/icons/callouts/7.png](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-filter-context.html#CO156-7) | 的term和range子句在过滤器上下文中使用。他们会过滤掉不匹配的文件，但不会影响匹配文件的分数。 |

## 匹配所有查询

匹配所有查询

最简单的查询，匹配所有文档，给他们所有\_score 的1.0。

GET /\_search

{

"query": {

"match\_all": {}

}

}

该\_score可与被改变boost参数：

GET /\_search

{

"query": {

"match\_all": { "boost" : 1.2 }

}

}

匹配无查询

这是match\_all查询的反转，它不匹配任何文档。

GET /\_search

{

"query": {

"match\_none": {}

}

}

## [全文查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/full-text-queries.html)

## [术语级别查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/term-level-queries.html)

## [复合查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/compound-queries.html)

## [加入查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/joining-queries.html)

## [地理查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/geo-queries.html)

## [专业查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/specialized-queries.html)

## [跨度查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/span-queries.html)

## [最低应该匹配](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-dsl-minimum-should-match.html)

## [多项查询重写](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-dsl-multi-term-rewrite.html)

## [匹配所有查询](https://www.elastic.co/guide/en/elasticsearch/reference/6.0/query-dsl-match-all-query.html)