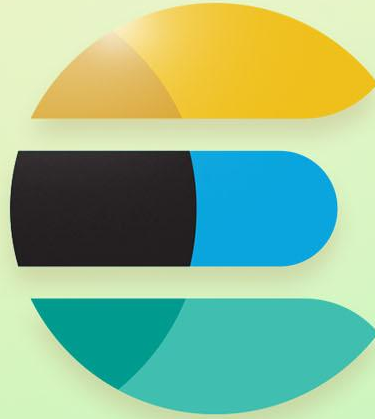


Introduction to searching



URI Searches

```
GET /products/_search?q=name:sauvignon AND tags:wine
```

Apache Lucene syntax

Query DSL

```
GET /products/_search
{
  "query": {
    "bool": {
      "must": [
        {
          "match": {
            "name": "sauvignon"
          }
        },
        {
          "match": {
            "tags": "wine"
          }
        }
      ]
    }
  }
}
```

Lecture summary

- There are two ways of searching;
- Request URI
 - Search queries are added to the URL
 - Uses Apache Lucene's query syntax
 - Only supports relatively simple queries
- Query DSL
 - Search queries are defined as JSON within the request body
 - More verbose, but supports all features
 - We will be using it throughout this course