

How to install and browse through Elasticsearch

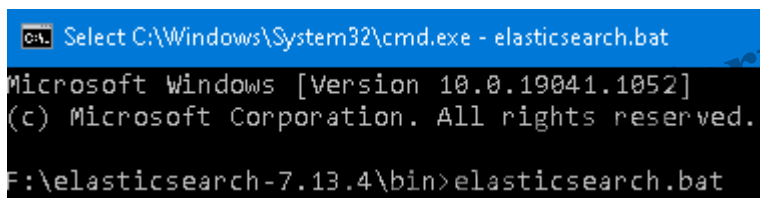
Description

Downloading Elasticsearch

You can head over to <https://www.elastic.co/downloads/elasticsearch> and download the package based on the operating system you are using. It will be a zip file which you will have to extract wherever you want.

Starting the Elasticsearch Instance

After you extracted the file, you will have to go inside the folder named “bin” and open a command prompt there. Else you can just copy the path up to bin and open it in command prompt. Type “elasticsearch.bat”

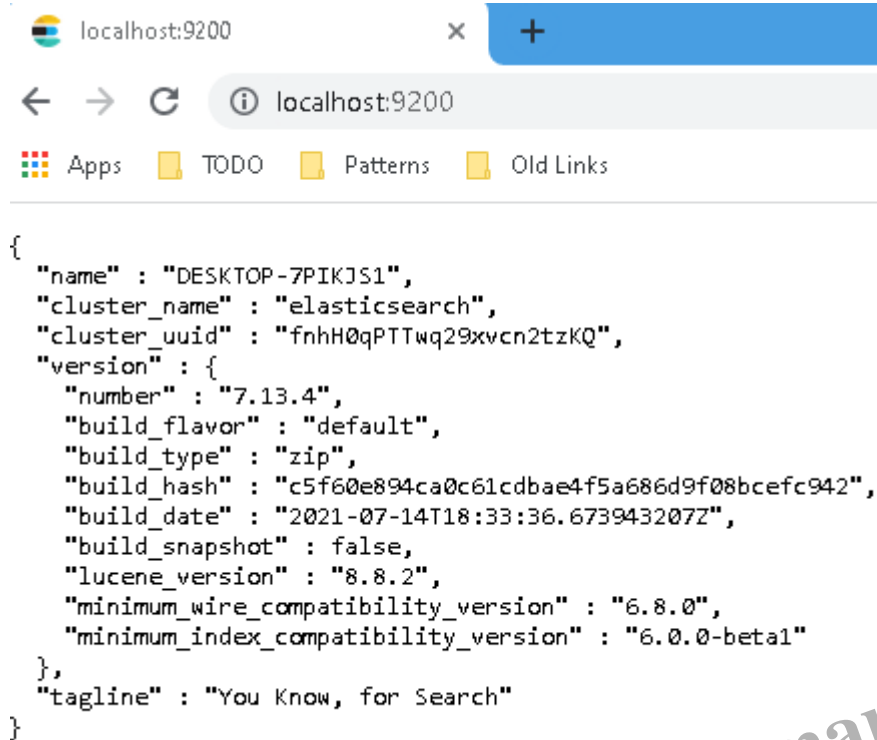


```
C:\> Select C:\Windows\System32\cmd.exe - elasticsearch.bat
Microsoft Windows [Version 10.0.19041.1052]
(c) Microsoft Corporation. All rights reserved.

F:\elasticsearch-7.13.4\bin>elasticsearch.bat
```

Once you execute this command, Elasticsearch instance will startup. I have experienced some issue as my Java environment variables were not configured properly.

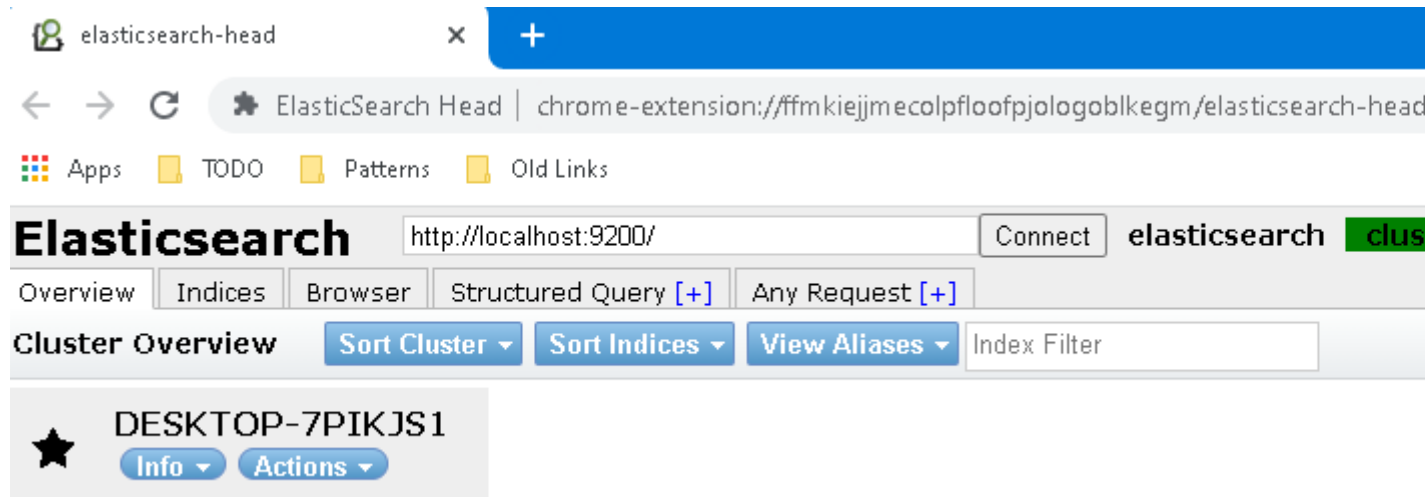
If everything goes well, you can check if the instance is up and running or not by heading over to localhost:9200 on your browser. By default Elasticsearch runs on 9200 port. It will show you the metadata which states your Elasticsearch is up and running.



```
{
  "name" : "DESKTOP-7PIKJS1",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "fnhH0qPTTqw29xvcn2tzKQ",
  "version" : {
    "number" : "7.13.4",
    "build_flavor" : "default",
    "build_type" : "zip",
    "build_hash" : "c5f60e894ca0c61cdbae4f5a686d9f08bcefc942",
    "build_date" : "2021-07-14T18:33:36.673943207Z",
    "build_snapshot" : false,
    "lucene_version" : "8.8.2",
    "minimum_wire_compatibility_version" : "6.8.0",
    "minimum_index_compatibility_version" : "6.0.0-beta1"
  },
  "tagline" : "You Know, for Search"
}
```

Accessing and Browsing Elasticsearch

If you are using Chrome then then you can install an extension named “Elastic Head” I have found pretty handy. Google search “Elastic head for chrome” and add the extension. Since I haven’t created any index, this is how it looks once you open it.



Using the tabs present you can browse throw the index and fire any kind of query against the data. Retrieve all data or partial based on your requirements.

If you have any queries you can comment down below and I shall answer.

Category

1. Elasticsearch

Tags

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Date Created

October 18, 2021

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