

## 1. Download SOLR

- Use this link: <https://solr.apache.org/downloads.html>
- Download the release indicated in the image below

### Solr 8.11.3

Solr 8.11.3 is the last release in the 8.x series.

- Source release: [solr-8.11.3-src.tgz](#) [PGP] [SHA512]
- Binary releases: [solr-8.11.3.tgz](#) [PGP] [SHA512] / [solr-8.11.3.zip](#) [PGP] [SHA512]
- Docker: [solr:8.11.3](#)
- [Change log](#)

## 2. Package Installation

1. Open your command line window based on your operating system
  - a. Windows: Command Prompt
  - b. macOS: Terminal
  - c. Linux: Terminal
2. Run the following command to extract the Solr distribution archive to your local home directory

```
cd solr-8.11.3
```

### 3. Start Solr

1. In your command window, use the following command to start Solr

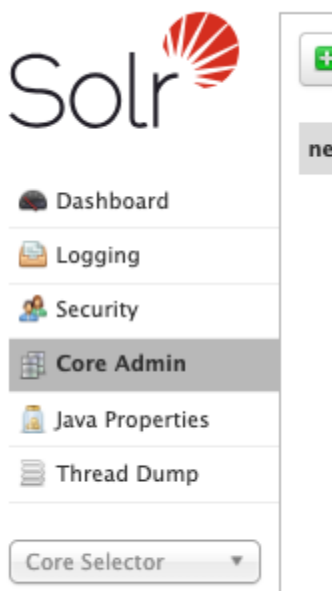
```
bin/solr start or  
bin\solr.cmd start (Windows only)
```

2. Solr will listen on **port 8983**.
3. To view admin console, use this following in a web browser

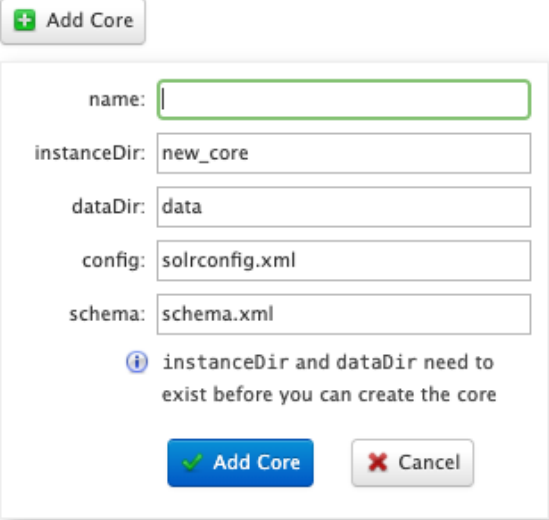
```
http://localhost:8983/solr/
```

### 3. Creating a core

1. Click on 'Core Admin'



2. Click on 'Add Core' and input the core name 'covid-vaccine'. The other fields can remain unchanged.




name:

instanceDir:

dataDir:

config:

schema:

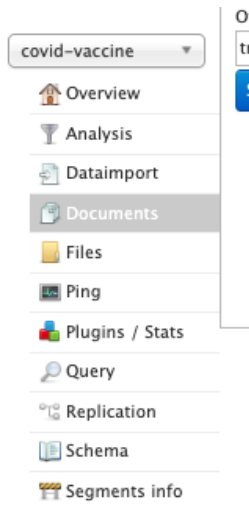
 instanceDir and dataDir need to exist before you can create the core

3. Access the newly created core by selecting it in the 'Core Selector' dropdown

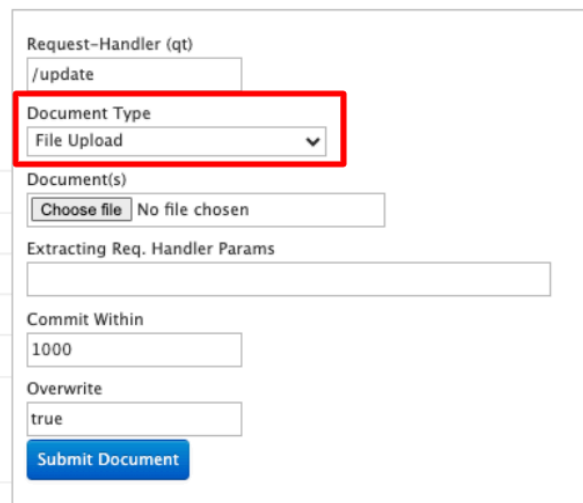


## 4. Uploading Files

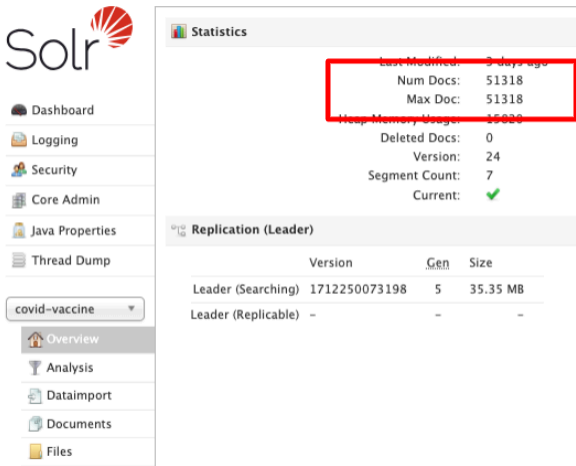
1. Click on the 'Document' button




2. To upload files from your local device, change the 'Document Type' to 'File Upload' and upload the provided solr\_tweets.csv file

A screenshot of the Solr Admin UI document upload form. The form has several fields: 'Request-Handler (qt)' with the value '/update', 'Document Type' with a dropdown menu showing 'File Upload' (highlighted with a red box), 'Document(s)' with a 'Choose file' button and the text 'No file chosen', 'Extracting Req. Handler Params' with an empty text area, 'Commit Within' with the value '1000', and 'Overwrite' with the value 'true'. At the bottom of the form is a blue 'Submit Document' button.

3. To check if the files are successfully uploaded, the 'Num Docs' in the 'Overview' tab should not be 0



The screenshot shows the Solr Admin interface. On the left is a sidebar with navigation links: Dashboard, Logging, Security, Core Admin, Java Properties, Thread Dump, a dropdown menu (currently showing 'covid-vaccine'), Overview (highlighted), Analysis, Dataimport, Documents, and Files. The main content area is titled 'Statistics' and contains the following metrics:

- Last Modified: 9 days ago
- Num Docs: 51318
- Max Doc: 51318
- Heap Memory Usage: 25000
- Deleted Docs: 0
- Version: 24
- Segment Count: 7
- Current: 

Below the statistics is a section titled 'Replication (Leader)' which contains a table:

	Version	Gen	Size
Leader (Searching)	1712250073198	5	35.35 MB
Leader (Replicable)	-	-	-