



Chicago Social Hub

Setup and Installation

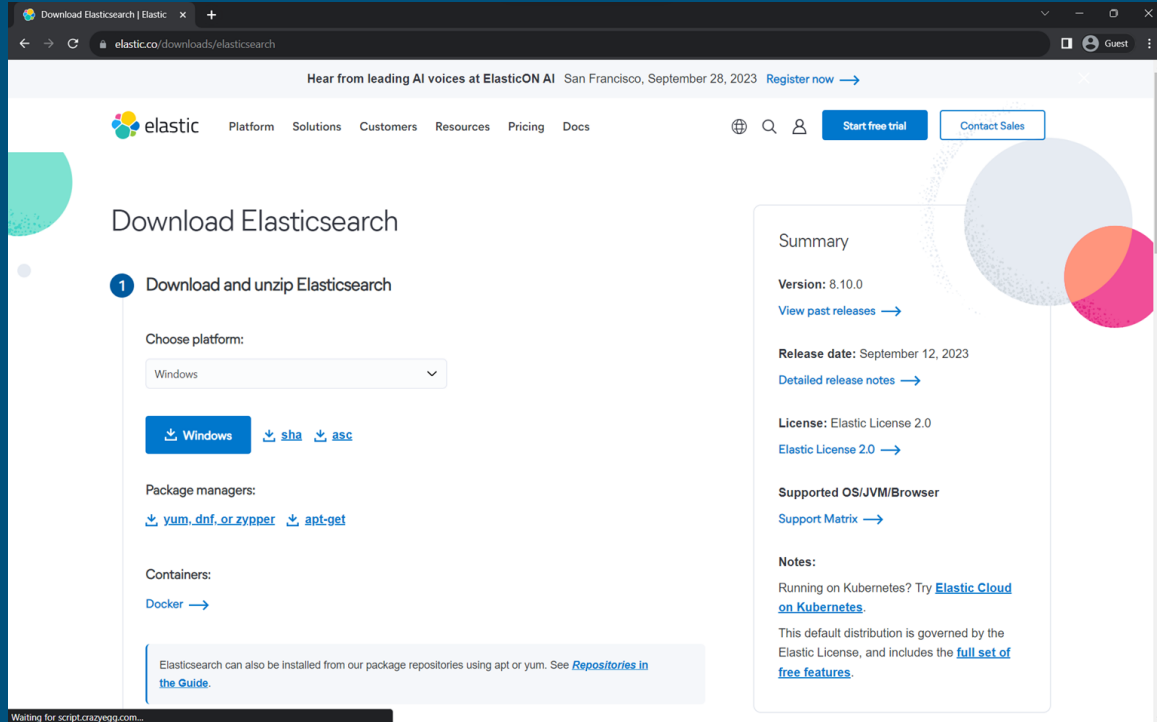


Elastic Search (7.14.0)

Download Link:

<https://www.elastic.co/downloads/elasticsearch>

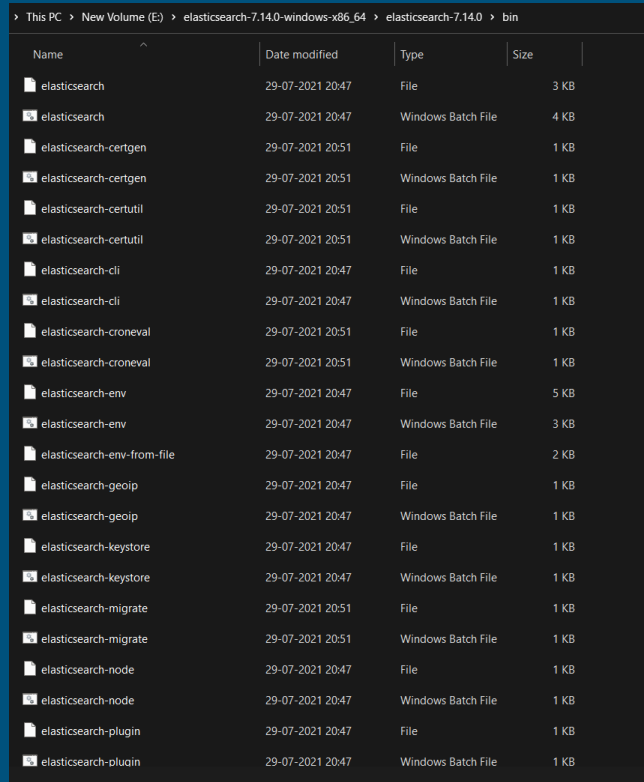
- Choose the platform (Windows/Mac/Linux) and download the zip file.



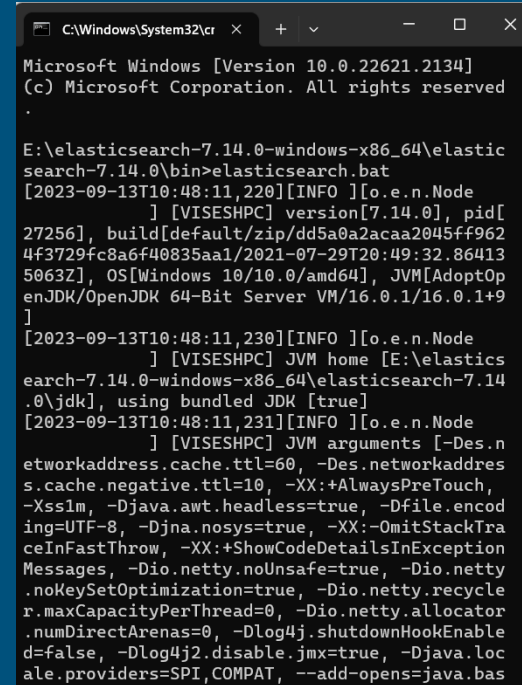
Elastic Search (7.14.0)

- Unzip the file and go to **elasticsearch-7.14.0/bin** directory.
- Open your terminal in the above directory and run

`elasticsearch.bat`



Name	Date modified	Type	Size
elasticsearch	29-07-2021 20:47	File	3 KB
elasticsearch	29-07-2021 20:47	Windows Batch File	4 KB
elasticsearch-certgen	29-07-2021 20:51	File	1 KB
elasticsearch-certgen	29-07-2021 20:51	Windows Batch File	1 KB
elasticsearch-certutil	29-07-2021 20:51	File	1 KB
elasticsearch-certutil	29-07-2021 20:51	Windows Batch File	1 KB
elasticsearch-cli	29-07-2021 20:47	File	1 KB
elasticsearch-cli	29-07-2021 20:47	Windows Batch File	1 KB
elasticsearch-croneval	29-07-2021 20:51	File	1 KB
elasticsearch-croneval	29-07-2021 20:51	Windows Batch File	1 KB
elasticsearch-env	29-07-2021 20:47	File	5 KB
elasticsearch-env	29-07-2021 20:47	Windows Batch File	3 KB
elasticsearch-env-from-file	29-07-2021 20:47	File	2 KB
elasticsearch-geoip	29-07-2021 20:47	File	1 KB
elasticsearch-geoip	29-07-2021 20:47	Windows Batch File	1 KB
elasticsearch-keystore	29-07-2021 20:47	File	1 KB
elasticsearch-keystore	29-07-2021 20:47	Windows Batch File	1 KB
elasticsearch-migrate	29-07-2021 20:51	File	1 KB
elasticsearch-migrate	29-07-2021 20:51	Windows Batch File	1 KB
elasticsearch-node	29-07-2021 20:47	File	1 KB
elasticsearch-node	29-07-2021 20:47	Windows Batch File	1 KB
elasticsearch-plugin	29-07-2021 20:47	File	1 KB
elasticsearch-pluain	29-07-2021 20:47	Windows Batch File	1 KB



```
Microsoft Windows [Version 10.0.22621.2134]
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.

E:\elasticsearch-7.14.0-windows-x86_64\elasticsearch-7.14.0\bin>elasticsearch.bat
[2023-09-13T10:48:11,220][INFO ][o.e.n.Node
] [VISESHPC] version[7.14.0], pid[
27256], build[default/zip/dd5a0a2acaa2045ff962
4f3729fc8a6f40835aa1/2021-07-29T20:49:32.86413
5063Z], OS[Windows 10/10.0/amd64], JVM[AdoptOp
enJDK/OpenJDK 64-Bit Server VM/16.0.1/16.0.1+9
]
[2023-09-13T10:48:11,230][INFO ][o.e.n.Node
] [VISESHPC] JVM home [E:\elastics
earch-7.14.0-windows-x86_64\elasticsearch-7.14
.0\jdk], using bundled JDK [true]
[2023-09-13T10:48:11,231][INFO ][o.e.n.Node
] [VISESHPC] JVM arguments [-Des.n
etworkaddress.cache.ttl=60, -Des.networkaddres
s.cache.negative.ttl=10, -XX:+AlwaysPreTouch,
-Xss1m, -Djava.awt.headless=true, -Dfile.encod
ing=UTF-8, -Djna.nosys=true, -XX:-OmitStackTra
ceInFastThrow, -XX:+ShowCodeDetailsInException
Messages, -Dio.netty.noUnsafe=true, -Dio.netty
.noKeySetOptimization=true, -Dio.netty.recycle
r.maxCapacityPerThread=0, -Dio.netty.allocator
.numDirectArenas=0, -Dlog4j.shutdownHookEnable
d=false, -Dlog4j2.disable.jmx=true, -Djava.loc
ale.providers=SPI,COMPAT, --add-opens=java.bas
```

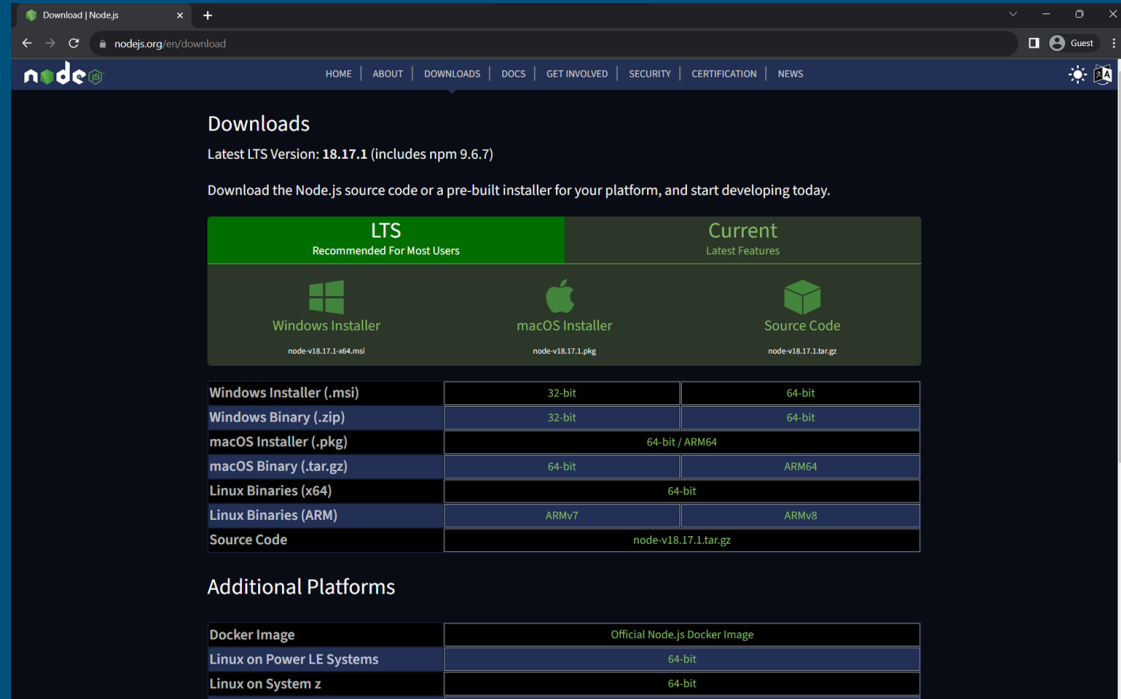
Angular (14 or higher)

Prerequisites:

<https://angular.io/guide/setup-local#prerequisites>

Download and install Node.js
(16.20) from

<https://nodejs.org/en/download>



The screenshot shows the Node.js download page in a web browser. The page title is "Download | Node.js" and the URL is "nodejs.org/en/download". The navigation bar includes links for HOME, ABOUT, DOWNLOADS, DOCS, GET INVOLVED, SECURITY, CERTIFICATION, and NEWS. The main heading is "Downloads" with the text "Latest LTS Version: 18.17.1 (includes npm 9.6.7)". Below this, it says "Download the Node.js source code or a pre-built installer for your platform, and start developing today." There are two main sections: "LTS Recommended For Most Users" and "Current Latest Features". Under "LTS", there are three options: "Windows Installer" (node-v18.17.1-x64.msi), "macOS Installer" (node-v18.17.1.pkg), and "Source Code" (node-v18.17.1.tar.gz). Under "Current", there are three options: "Windows Installer" (node-v18.17.1-x64.msi), "macOS Installer" (node-v18.17.1.pkg), and "Source Code" (node-v18.17.1.tar.gz). Below these, there are two tables. The first table lists download options for Windows, macOS, Linux, and ARM. The second table lists additional platforms like Docker Image, Linux on Power LE Systems, and Linux on System z.

	LTS	Current
	Recommended For Most Users	Latest Features
Windows Installer	node-v18.17.1-x64.msi	
macOS Installer	node-v18.17.1.pkg	
Source Code	node-v18.17.1.tar.gz	

	32-bit	64-bit
Windows Installer (.msi)		
Windows Binary (.zip)	32-bit	64-bit
macOS Installer (.pkg)		64-bit / ARM64
macOS Binary (.tar.gz)	64-bit	ARM64
Linux Binaries (x64)		64-bit
Linux Binaries (ARM)	ARMv7	ARMv8
Source Code		node-v18.17.1.tar.gz

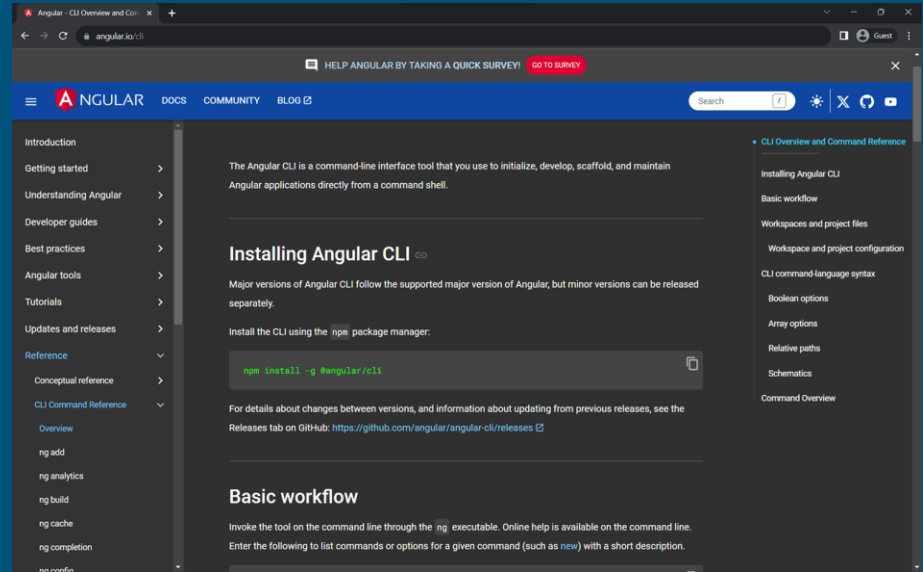
	Official Node.js Docker Image
Docker Image	
Linux on Power LE Systems	64-bit
Linux on System z	64-bit

Angular (14 or higher)

- Use npm package manager to install the angular cli -

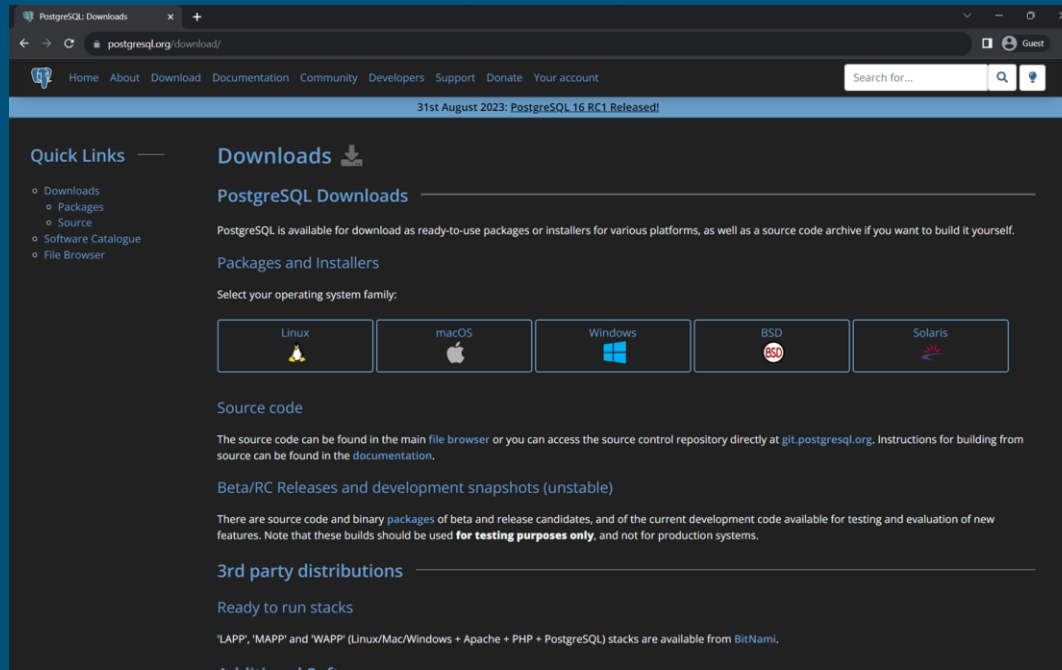
```
npm install -g @angular/cli
```

- Reference: <https://angular.io/cli>



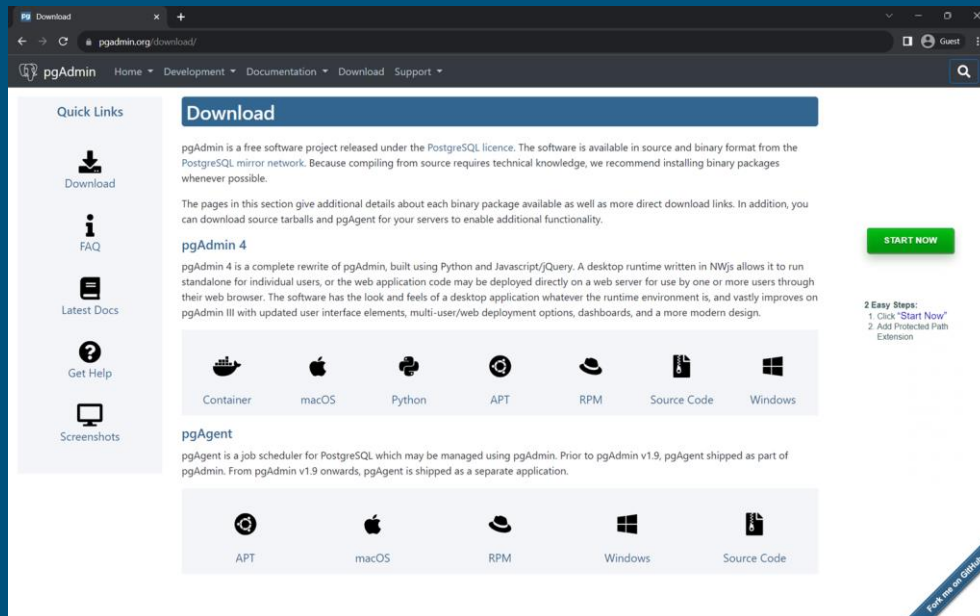
Postgres (14 or 15)

- Download and install the v14 or v15 from <https://www.postgresql.org/download/>



Postgres (14 or 15)

- Download and install pgadmin from <https://www.pgadmin.org/download/>



How to start the project

Execute the following commands from the command line window/terminal:

- 1) Start ElasticSearch: server from the command prompt
- 2) Start node.js server: `node server`
- 3) Start Angular client: `ng serve -open`