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# How To Install Apache Solr 6.2 on Ubuntu, Debian & LinuxMint

Written by [Rahul K.](#)

Linux Tutorials

2 Comments

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**Apache Solr** is an opensource search platform written on Java. Solr provides full-text search, spell suggestions, custom document ordering and ranking, Snippet generation and highlighting. This tutorial will help you to install Apache Solr on Ubuntu, Debian and Linuxmint.

## Step 1 — Verify Java

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Apache Solr 6 required Java 8 or greater to run. Make sure your system fulfill Java requirements of Apache solr. If you don't have java installed on your system visit below articles.

```
$ java -version  
  
java version "1.8.0_101"  
Java(TM) SE Runtime Environment (build 1.8.0_101-b13)  
Java HotSpot(TM) 64-Bit Server VM (build 25.101-b13, mixed mode)
```

If you don't have java installed, Use [this tutorial to install Java](#).

## Step 2 — Install Apache Solr

Now download the required solr version from its official site or mirrors. Or simply use following command to download Apache Solr 6.2.0.

```
$ cd /opt
$ wget http://apache.mirror1.spango.com/lucene/solr/6.2.0/solr-6.2.0.tgz
```

Now extract solr service installer shell script from the downloaded Solr archive file and run installer using following commands.

```
$ tar xzf solr-6.2.0.tgz solr-6.2.0/bin/install_solr_service.sh
$ sudo bash ./install_solr_service.sh solr-6.2.0.tgz
```

## Step 3 — Start / Stop Solr Service

Use the following commands to Start, Stop and check status of Solr service.

```
$ sudo service solr stop
$ sudo service solr start
$ sudo service solr status
```

## Step 4- Create First Solr Collection

After successful installation of Solr on your system. Create first collection on solr using following command.

```
$ sudo su - solr -c "/opt/solr/bin/solr create -c mycollect
```

Sample output:

```
Copying configuration to new core instance directory:
/var/solr/data/mycollection1

Creating new core 'mycollection1' using command:
http://localhost:8983/solr/admin/cores?action=CREATE&name=m

{
  "responseHeader":{
    "status":0,
    "QTime":15292},
  "core":"mycollection1"}
```

## Step 5 – Access Solr Admin Panel

Default Solr runs on port 8983. You can access Solr port in your web browser and you will get Solr dashboard.

```
http://svr1.tecadmin.net:8983/
```

Here you can view statics of created collection in previous steps named “mycollection1”. Click on “Core Selector” on left sidebar and select created collection.

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**RAHUL K.**

I, Rahul Kumar is the founder and chief editor of TecAdmin.net. I am Red Hat Certified Engineer (RHCE) and working as IT professional since 2009.

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**ARSHAD**

March 17, 2017 at 8:00 am

Nice article, Thank for the one.

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**REPLY TO ARSHAD**

**BJØRN STENFELDT**

October 23, 2016 at 8:54 pm

I followed this guide and it worked. However, it didn't say so directly in the text, but this will install Solr as a service that auto-starts when you (re)boot Ubuntu. I'm just saying, because I had a doubt and actually went and rebooted my Ubuntu server just to test if it would.

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**REPLY TO BJØRN**