



Instalasi

14-9-2022

Outline



- Install Java
- Install Hadoop
- Running Hadoop
- Code

Install Java

Instalasi



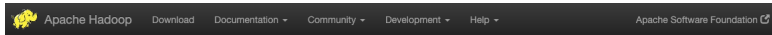
- Install Java
 - `sudo apt update`
 - `sudo apt install openjdk-8-jdk -y`
- Verifikasi Java
 - `java -version`

Install Hadoop

Instalasi



- Buat folder
 - mkdir ~/hadoop
- Pindah ke folder hadoop
 - cd hadoop
- Download Hadoop (<https://hadoop.apache.org/releases.html>)



Download

Hadoop is released as source code tarballs with corresponding binary tarballs for convenience. The downloads are distributed via mirror sites and should be checked for tampering using GPG or SHA-512.

| Version | Release date | Source download | Binary download | Release notes |
|---------|--------------|---|--|------------------------------|
| 3.3.4 | 2022 Aug 8 | source (checksum signature) | binary (checksum signature) binary-aarch64 (checksum signature) | Announcement |
| 3.2.4 | 2022 Jul 22 | source (checksum signature) | binary (checksum signature) | Announcement |
| 2.10.2 | 2022 May 31 | source (checksum signature) | binary (checksum signature) | Announcement |

Running Hadoop

Instalasi



```
/usr/local/hadoop/bin/hadoop
```

Code Instalasi



```
1 import numpy as np
2
3 def incmatrix(genl1,genl2):
4     m = len(genl1)
5     n = len(genl2)
6     M = None #to become the incidence matrix
7     VT = np.zeros((n*m,1), int) #dummy variable
8
9     #compute the bitwise xor matrix
10    M1 = bitxormatrix(genl1)
11    M2 = np.triu(bitxormatrix(genl2),1)
```



POLITEKNIK NEGERI LHOKESEUMAWE

Terima kasih

