

alternative

alternatives

Master - Slave

Master-Slave

1.

2. Master-Slave

3. Master-Slave

Master-Slave

alternatives

python

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alternative

alternatives

```
. , java, editor, (x)emacs, (n)vi(m)
, alternatives
```

alternatives

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- : ,
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em 가 , nem :

- em /opt/em-legacy/em2 , nem
/usr/local/bin/nem .
- uemacs :

```
alternatives --install /usr/bin/em uemacs /opt/em-legacy/em2 1
alternatives --install /usr/bin/em uemacs /usr/local/bin/nem 99
```

, alternatives --config uemacs :

```
alternatives --config uemacs
```

, 가 ,
.

- alternatives
- (: EDITOR, CC) /etc (\$HOME/.profile)
- alternatives ,
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Master - Slave

```
Master-Slave      ?alternatives      ( :/usr/bin/java)      ,
                  ( : javac, javadoc, javaws )
```

Master-Slave

alternatives

master-slave

1.

가 :

- /usr/lib/jvm/java-8-openjdk/bin/java
- /usr/lib/jvm/java-11-openjdk/bin/java

2. Master-Slave

■ ■ ■

```
alternatives --install /usr/bin/java java /usr/lib/jvm/java-8-  
openjdk/bin/java 1 \  
    --slave /usr/bin/javac javac /usr/lib/jvm/java-8-openjdk/bin/javac \  
    --slave /usr/bin/javadoc javadoc /usr/lib/jvm/java-8-openjdk/bin/javadoc  
\  
    --slave /usr/bin/javaws javaws /usr/lib/jvm/java-8-openjdk/bin/javaws  
  
alternatives --install /usr/bin/java java /usr/lib/jvm/java-11-  
openjdk/bin/java 2 \  
    --slave /usr/bin/javac javac /usr/lib/jvm/java-11-openjdk/bin/javac \  
    --slave /usr/bin/javadoc javadoc /usr/lib/jvm/java-11-  
openjdk/bin/javadoc \  
    --slave /usr/bin/javaws javaws /usr/lib/jvm/java-11-openjdk/bin/javaws
```

3. Master-Slave

1. `/usr/bin/java`가 .
2. `javac, javadoc, javaws` .
3. 가 alternatives `-config java` , (javac, javadoc, javaws) .

Master-Slave

```
alternatives --display java
```

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```
java - status is auto.  
  link currently points to /usr/lib/jvm/java-11-openjdk/bin/java  
/usr/lib/jvm/java-8-openjdk/bin/java - priority 1  
  slave javac: /usr/lib/jvm/java-8-openjdk/bin/javac  
  slave javadoc: /usr/lib/jvm/java-8-openjdk/bin/javadoc  
  slave javaws: /usr/lib/jvm/java-8-openjdk/bin/javaws  
/usr/lib/jvm/java-11-openjdk/bin/java - priority 2  
  slave javac: /usr/lib/jvm/java-11-openjdk/bin/javac  
  slave javadoc: /usr/lib/jvm/java-11-openjdk/bin/javadoc  
  slave javaws: /usr/lib/jvm/java-11-openjdk/bin/javaws
```

1. alternatives **Master-Slave** ,
- 2.
3. (: python)

alternatives **python**

python

```
alternatives --install /usr/bin/python python /usr/bin/python3.9 1
alternatives --install /usr/bin/python python /usr/bin/python3.12 2

alternatives --config python
```

python3

```
alternatives --install /usr/bin/python3 python3 /usr/bin/python3.9 1
alternatives --install /usr/bin/python3 python3 /usr/bin/python3.12 2

alternatives --config python3
```

- master-slave

```
alternatives --install /usr/bin/python python /usr/bin/python3.9 1 \  
--slave /usr/bin/python3 python3 /usr/bin/python3.9
```

```
alternatives --install /usr/bin/python python /usr/bin/python3.12 2 \  
--slave /usr/bin/python3 python3 /usr/bin/python3.12
```

```
alternatives --config python
```

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