sbt

Contents

Preface 2
sbt 2
. 2
Mac sbt 2
. 2
. 3
. 3
Windows sbt 3
Windows 3
. 3
. 3
Linux sbt 3
. 3
RPM DEB 4
Gentoo 4
. 4
sbt 4
Unix 4
Windows 5
Hello, World 5
. 6
. 6

.sbt 6
Scopes 6
. 6
. 6
. 6
. 6
. 6
.scala 6
. 7

Preface

sbt

sbt , :

- sbt
- hello world
  –
  –
- sbt sbt
- .sbt

, Jar Shell , , Mac,Windows,Linux,

sbt , ,HTTP ,JVM

Mac sbt

: ,

Macports

```
$ port install sbt
```

Homebrew

```
$ brew install sbt
```

ZIP TGZ

Windows sbt

Windows

msi

ZIP TGZ

Linux sbt

ZIP TGZ

RPM DEB

:

- RPM
- DEB

: sbt-launcher-package

Gentoo

sbt ebuild sbt ebuilds ebuilds sbt:

```
$ mkdir -p /usr/local/portage && cd /usr/local/portage
$ git clone git://github.com/whiter4bbit/overlays.git
$ echo "PORTDIR_OVERLAY=$PORTDIR_OVERLAY /usr/local/portage/overlays" >> /etc/make.conf
$ emerge sbt-bin
```

: ebuild

sbt

sbt-launch.jar,

Unix

sbt-launch.jar `~/bin`

jar, `~/bin/sbt` :

```
SBT_OPTS="-Xms512M -Xmx1536M -Xss1M -XX:+CMSClassUnloadingEnabled -XX:MaxPermSize=256M"
java $SBT_OPTS -jar `  $0`/sbt-launch.jar "$@"
```

:

```
$ chmod u+x ~/bin/sbt
```

Windows

Windows Cygwin , batch path , `sbt`
sbt , , JVM

Non-Cygwin Windows Cygwin , `sbt.bat` batch :

```
set SCRIPT_DIR=%~dp0
java -Xms512M -Xmx1536M -Xss1M -XX:+CMSClassUnloadingEnabled -XX:MaxPermSize=256M -jar "%SCRIP
```

sbt-launch.jar `sbt.bat`

Cygwin Windows Cygwin Windows , bash `~/bin/sbt`:

```
SBT_OPTS="-Xms512M -Xmx1536M -Xss1M -XX:+CMSClassUnloadingEnabled -XX:MaxPermSize=256M"
java $SBT_OPTS -jar sbt-launch.jar "$@"
```

sbt-launch.jar sbt-launch.jar, cygpath :

```
$ chmod u+x ~/bin/sbt
```

Cygwin Ansi Cygwin Ansi (Ansi stty), bash
`~/bin/sbt`:

```
SBT_OPTS="-Xms512M -Xmx1536M -Xss1M -XX:+CMSClassUnloadingEnabled -XX:MaxPermSize=256M"
stty -icanon min 1 -echo > /dev/null 2>&1
java -Djline.terminal=jline.UnixTerminal -Dsbt.cygwin=true $SBT_OPTS -jar sbt-launch.jar "$@"
stty icanon echo > /dev/null 2>&1
```

sbt-launch.jar sbt-launch.jar, cygpath :

```
$ chmod u+x ~/bin/sbt
```

(backspace) scala , (erase character), stty cygwin
(mintty), -> ,“ ^H” cygwin ^H

: pull request

Hello, World

.sbt

Scopes

.scala