

# Hashpipe && rb-Hashpipe install

Chenhui Niu ([peterniu@nao.cas.cn](mailto:peterniu@nao.cas.cn))

## Source :

Hashpipe : <http://astro.berkeley.edu/~davidm/hashpipe.git>  
(<https://github.com/david-macmahon/hashpipe.git>)  
**serendip6**:<https://github.com/UCBerkeleySETI/serendip6>

rb-Hashpipe: <https://github.com/david-macmahon/rb-hashpipe.git>  
(One Hashpipe monitor)

Peixin's demo:

demo1: [https://github.com/SparkePei/demo1\\_hashpipe.git](https://github.com/SparkePei/demo1_hashpipe.git)

demo2: [https://github.com/SparkePei/demo2\\_hashpipe.git](https://github.com/SparkePei/demo2_hashpipe.git)

## require:

### Ruby:

Using RVM could help install ruby conveniently:

(<https://rvm.io/rvm/install>)

1) `gpg --keyserver hkp://keys.gnupg.net --recv-keys 409B6B1796C275462A1703113804BB82D39DC0E3`

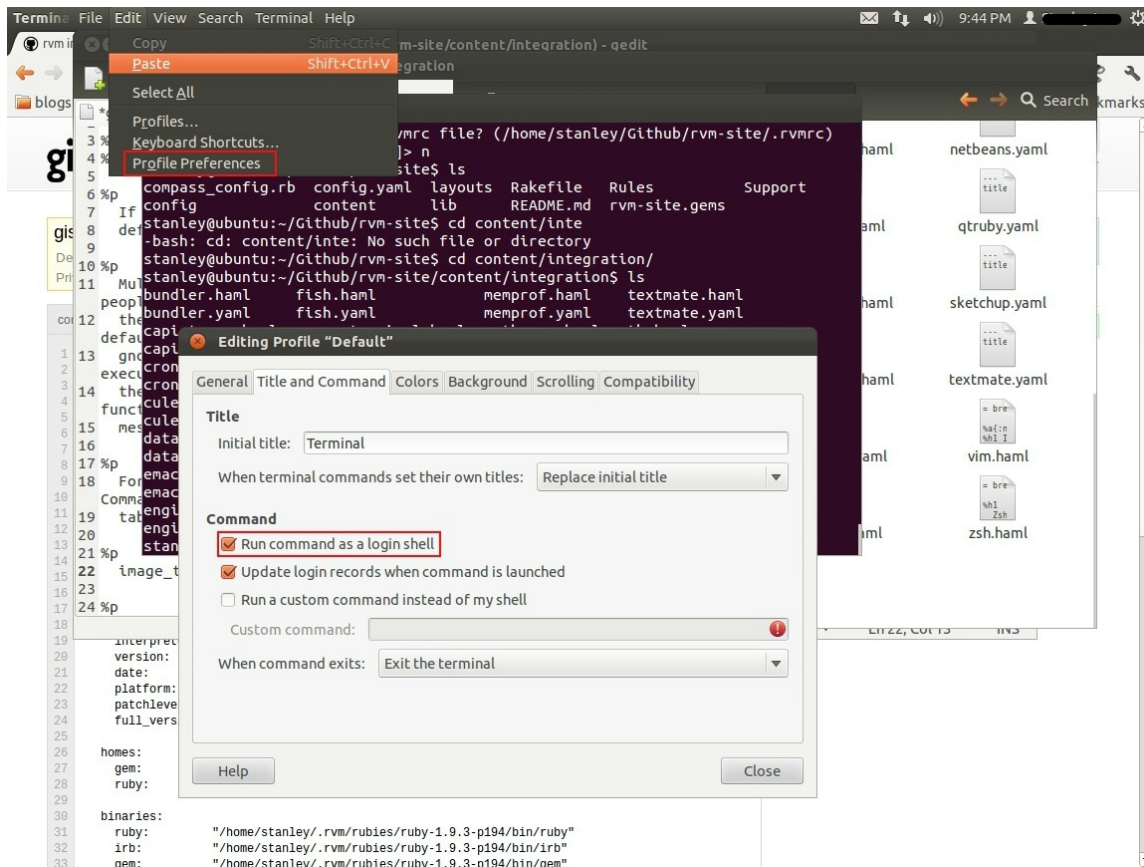
2)

`\curl -sSL https://get.rvm.io | bash`

`\curl -sSL https://get.rvm.io | bash -s stable --ruby`

When using this should make the terminal in status : “run command as a login shell”

(<https://rvm.io/integration/gnome-terminal>)



Then source .bashrc

To install ruby :

```
rvm list known
rvm install 2.1.1
```

To make default version:

```
rvm use 2.1.1 --default
```

## Other support software:

```
sudo gem install curses
sudo gem install dev
sudo gem install bundle
sudo apt-get install autoconf
sudo apt-get install libtool
```

## Install:

1) Hashpipe:

```
cd src
autoreconf -is
./configure
make && make install (sudo may require)
```

2) rb-Hashpipe:

```
rake gem
sudo gem install pkg/****.gem
```

3)Variable environment Setting up:

```
vi ~/.bashrc
```

```
export LD_LIBRARY_PATH="/usr/local/lib:$LD_LIBRARY_PATH"
```

```
source ~/.bashrc
```