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Ssh, presentation in progress

A little lighting talk on SSH for
Railsists

Basics

```
ssh some.domain.com
```

```
user@some.domain.com's password: **
```

Configuration

Put something like this in your `~/.ssh/config` file

Host codename

Port 8000

User deploy

IdentityFile ~/.ssh/codename

Hostname some.domain.com

KeepAlive yes

Then;

```
ssh codename (mmm)
```

Keys

Takes the pain out of repeatedly connecting, you can create a key and put it on the remote server with the following commands.

```
cd ~/.ssh/  
ssh-keygen -t dsa -f codename  
  
scp codename.pub user@domain:.  
ssh user@domain  
cat id_dsa.pub >> .ssh/authorized_keys  
mv id_dsa.pub .ssh  
exit
```

On a Mac?

Download and install ssh keychain from.

<http://www.sshkeychain.org/>

It is a little buggy sometimes, but is a very useful tool.

You can accomplish this with Unix binary **keychain** on linux.

On Leopard?

You don't need SSH agent.

OSX should recognise the identity files if you have configured things correctly.

You might need to provide the name of the identity file with;

```
ssh -i identity_file
```

Leopard will store your passwords in the keychain. Great!

Port Forwarding

Great for quickly checking a remote db with;

- Local rails app
- Local MySQL gui or command line

```
ssh codename -L 10293:127.0.0.1:3306
```

For extra automated fun, turn it into an alias

```
alias rmysql="ssh codename -L 10293:127.0.0.1:3306"
```



**In ur databasez stealin
dem recordz**

Remote Forwarding

Great for logging in to your work machine from home.

On the work machine

```
ssh home -R 2323:localhost:23 sleep 99999
```

Then at home

```
ssh localhost:2323
```

Proxying

Are you worried about unencrypted wifi hotspots?

```
alias btproxy="ssh -c blowfish -D 8095 codename -Nf"
```

More?

man ssh

and google of course :)

Bonus Aliases

Almost off topic aliases for your ~/.bash_login

```
alias saa="svn status | grep "^\?" | sed -e 's/? */' | sed -e 's/ \ /g' | xargs svn add"
```

```
alias sdm="svn status | grep "^\!" | sed -e 's/! */' | sed -e 's/ \ /g' | xargs svn delete"
```

```
alias srr="find . -name .svn -print0 | xargs -0 rm -rf"
```

```
alias ffla="flac -d *.flac --force-aiff-format -f && open -a iTunes *.aiff"
```