

# Install Sshpass on OSX

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Ever needed to run ssh commands from a non-interactive shell, and not being able to use keys? Well [sshpass](#) is what you need!

I use it for running ssh commands from Automator scripts on OSX. It is quite similar in function to [Putty's Pageant](#) handling of keys.

## Pre-reqs:

Please not that Xcode is required to compile as we download the source, which works on most \*nix systems.

## Download the source files

```
et/project/sshpass/sshpass/1.06/sshpass-1.06.tar.gz && tar xvzf sshpass-1.06.tar.gz
```

```
tinboy:blog admin$ curl -O -L http://downloads.sourceforge.net/project/sshpass/sshpass/1.06/
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
  0   345    0     0    0     0      0  0 --:--:-- --:--:-- --:--:--    0
100 109k 100 109k    0     0  99559    0  0:00:01  0:00:01 --:--:-- 13.2M
x sshpass-1.06/
x sshpass-1.06/main.c
x sshpass-1.06/install-sh
x sshpass-1.06/AUTHORS
x sshpass-1.06/config.h.in
x sshpass-1.06/depcomp
x sshpass-1.06/aclocal.m4
x sshpass-1.06/configure
x sshpass-1.06/NEWS
x sshpass-1.06/compile
x sshpass-1.06/ChangeLog
x sshpass-1.06/INSTALL
x sshpass-1.06/Makefile.am
x sshpass-1.06/sshpass.1
x sshpass-1.06/COPYING
x sshpass-1.06/README
x sshpass-1.06/Makefile.in
x sshpass-1.06/configure.ac
x sshpass-1.06/missing
tinboy:blog admin$
```

## Prepare for make

```
cd sshpass-1.06
./configure
```

```
checking for vfork... yes
checking for working fork... yes
checking for working vfork... (cached) yes
checking whether gcc needs -traditional... no
checking for stdlib.h... (cached) yes
checking for GNU libc compatible malloc... yes
checking sys/select.h usability... yes
checking sys/select.h presence... yes
checking for sys/select.h... yes
checking sys/socket.h usability... yes
checking sys/socket.h presence... yes
checking for sys/socket.h... yes
checking types of arguments for select... int,fd_set *,struct timeval *
checking return type of signal handlers... void
checking for select... yes
checking for posix_openpt... yes
checking for strdup... yes
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
config.status: creating config.h
config.status: executing depfiles commands
tinboy:sshpass-1.06 admin$
```

## make and install

```
sudo make install
```

```
tinboy:sshpass-1.06 admin$ sudo make install
Password:
./install-sh -c -d '/usr/local/bin'
/usr/bin/install -c sshpass '/usr/local/bin'
./install-sh -c -d '/usr/local/share/man/man1'
/usr/bin/install -c -m 644 sshpass.1 '/usr/local/share/man/man1'
tinboy:sshpass-1.06 admin$ sshpass
Usage: sshpass [-f|-d|-p|-e] [-hV] command parameters
  -f filename      Take password to use from file
  -d number        Use number as file descriptor for getting password
  -p password      Provide password as argument (security unwise)
  -e              Password is passed as env-var "SSHPASS"
With no parameters - password will be taken from stdin

  -P prompt        Which string should sshpass search for to detect a password prompt
  -v              Be verbose about what you're doing
  -h              Show help (this screen)
  -V              Print version information
At most one of -f, -d, -p or -e should be used
tinboy:sshpass-1.06 admin$
```

## Command parameters

```
Usage: sshpass [-f|-d|-p|-e] [-hV] command parameters
  -f filename      Take password to use from file
  -d number        Use number as file descriptor for getting password
  -p password      Provide password as argument (security unwise)
  -e              Password is passed as env-var "SSHPASS"
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  -P prompt        Which string should sshpass search for to detect a password prompt
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