

Server Manual

Installation:

1. Download the UpStage source package from GitHub

- For stable versions: see [Release page](#)
- For development versions: clone the master branch or [download the zip file](#)

2. Extract the package to a desired location

The full system path to the destination folder should not contains any spaces. For example, the path

`/home/johndoe/awesome projects/UpStage` contains a space, so the folder `awesome projects` should be renamed to `awesome-projects` or `awesome_projects`.

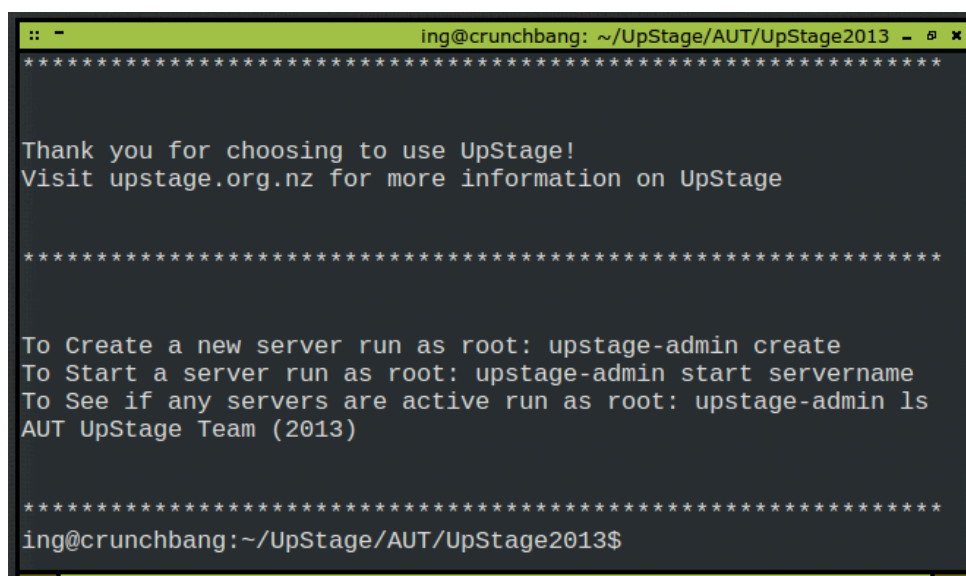
3. Open Terminal and navigate to the folder

For example, execute `cd home/johndoe/awesome_projects/UpStage`. (For a quick guide on how to use Terminal, [see below](#).)

4. Use the `install.py` script to perform desired actions:

- `sudo python install.py` to install UpStage. You will need to make sure all UpStage dependencies are installed. Please see Readme.md for dependencies list.
- `python install.py cc` to recompile the client.swf file. `swfmill` and `mtasc` must be installed on the system. If you just downloaded UpStage from GitHub, client.swf is provided, but if any development activities using `ant` have been done, the client.swf will be need to be recompiled.
- `python install.py deb` to generate a .deb package. When installing UpStage using the deb package, required dependencies will be checked automatically.

Welcome message after successful installation



```
ing@crunchbang: ~/UpStage/AUT/UpStage2013 - [?] x
*****
Thank you for choosing to use UpStage!
Visit upstage.org.nz for more information on UpStage

*****

To Create a new server run as root: upstage-admin create
To Start a server run as root: upstage-admin start servername
To See if any servers are active run as root: upstage-admin ls
AUT UpStage Team (2013)

*****
ing@crunchbang:~/UpStage/AUT/UpStage2013$
```

Note: Doing a fresh installation or generating a deb package will remove the git repository aspect of the folder.

Server Management

After successful installation, use `upstage-admin` command to manage UpStage servers. Basic options are as follow:

- `upstage-admin --help` to list all available options
- `upstage-admin create` to create a server
- `upstage-admin start [server-name]` to start a server
- `upstage-admin stop [server-name]` to stop a server
- `upstage-admin ls` or `upstage-admin list` to list all created servers

Note: root permission is probably required.

Example: Creating a new server named 'Banana' on port 8085, 7235, and 3005.

```

ing@crunchbang: ~/UpStage/AUT/UpStage2013
ing@crunchbang:~/UpStage/AUT/UpStage2013$ sudo upstage-admin create
Setting up a new server
What name should the server have? [8081]Banana
Which port should the web server listen on? (1024-65534) [8081]8085
Which port should the flash sockets use? (1024-65534) [7230]7235
Which port should policy files be served over? (1024-65534) [3000]3005
Where should the logs go? [/var/local/log/upstage/upstage-banana.log] [/var/local/log/upstage/upstage-banana.log]
Where should the server's data go? [/usr/local/share/upstage/banana] [/usr/local/share/upstage/banana]
Where should the process identifier (PID) file go? [/var/local/run/upstage/upstage-banana.pid] (just press enter) [/var/local/run/upstage/upstage-banana.pid]
making directory /usr/local/share/upstage/banana
You'll need to set up an admin user for this server (you can add more later)
what is the admin's username? [superman]
enter the admin password
the same password againNOTE: these files and directories need to be writeable by the user that will be running the server:
/var/local/log/upstage/upstage-banana.log
/var/local/run/upstage/upstage-banana.pid
/usr/local/share/upstage/banana
Let me chown the UpStage folders for you!
ing@crunchbang:~/UpStage/AUT/UpStage2013$

```

Backup

UpStage provides the `upstage-backup` script to create a backup of UpStage's media and configuration files. You can execute `sudo upstage-backup` manually at any time, but UpStage also creates a cron job to do it automatically every week during installation. The backup .tar files will be created in `/home/UpStage Media Backup` folder.

Uninstallation

To uninstall UpStage, navigate to UpStage source folder and run the `uninstall.sh` script or execute `sudo ./uninstall.sh` in Terminal. The script will kill all running servers and remove all associated files (except backup files).

```
ing@crunchbang: ~/UpStage/AUT/UpStage2013 - 5 x
ing@crunchbang:~/UpStage/AUT/UpStage2013$ sudo ./uninstall.sh
#####
Killing all UpStage processes
Processes found.
Stopping 4256
4256 stopped.
Stopping 4257
4257 stopped.

Complete!
#####
Cleaning up.
#####

Removing /usr/local/etc/upstage/
Removing /var/local/run/upstage/
Removing /var/local/log/upstage/
Removing /usr/local/upstage/
Removing /usr/local/bin/upstage
Removing /usr/local/share/upstage/
Removing /etc/cron.weekly/upstage-backup
Removing symbolic links in /usr/local/bin

Thank you for using UpStage!
#####
ing@crunchbang:~/UpStage/AUT/UpStage2013$
```

Terminal Guide: Basic Commands

- `ls [directory]` to list files and directories in a directory or just `ls` to list the current directory
- `cd [destination]` to change current working directory
- `cd ..` to go up a directory
- `mkdir [new directory name]` to create a new directory

Tip: When typing an existing directory name, you can type the first few characters and hit `tab` to autocomplete its name.

Last edited by Nitkalya Wiriyannuparb, 3 hours ago