

# Release Steps

## Update Version Number

Edit config/application.rb and change the VERSION variable to whatever version we're at. You could put RC for release candidate, but it probably isn't needed.

## Prepare Puppet

### Run the puppet install from the develop branch

Puppet Repositories to check:

[avalon-installer](#) - the main installer

#### Submodules that we maintain

[puppet-fcrepo](#)

[puppet-matterhorn](#)

[puppet-solr](#)

[puppet-tomcat](#)

From a clean VM (if you need one, I have a few to spare), run [the puppet install steps](#) to the point before you have to download avalon-installer-flat. Instead of downloading the flat, clone the git repository and initialize the submodules. Changes will have to be made, let's make those changes easy to track and push back up! --Make your own branch please--

```
git clone git@github.com:avalonmediasystem/avalon-installer.git
git checkout -b release-3.2 #change the release number obviously
git submodule update --init --recursive
vim modules/avalon/manifests/params.pp #change branch from master to develop -- do not commit, just for testing
```

Edit modules/avalon/manifests/params.pp so that "master" is changed to "develop".

The following command is your friend if the deploy keeps failing. The error messages are more detailed.

```
tail -f /opt/staging/avalon/deploy.log
```

Run the rest of the install, see what breaks, fix the breaks, push changes back up.

## Puppet Upgrade

### Run the puppet upgrade on a previous version

#### How to build a flat installer archive:

```
First clone this and put its bin directory in your path. https://github.com/mbklein/git-tweaks
All you have to do to flatten is switch to the branch you want to flatten (master), then git flatten -f flat
Then git push -f origin flat
To get back to the modularized master:
rm -rf modules
git checkout master
git reset --hard
git submodule update
//You need to get the modules directory out of the way or git will complain of conflicts when you try to switch
back to master
//Then the reset --hard fixes that
```