

Upgrading between Moodle Stable Versions with Git

Due to the large divergences between moodle stable versions in the Moodle git repository (e.g. `MOODLE_37_STABLE`, `MOODLE_38_STABLE`, `MOODLE_39_STABLE`) it can be a challenge to upgrade between major Moodle versions. Here's one approach you can use if you have minimal customisations (e.g. just additional plugins):

First, add the moodle code tree as an upstream e.g. called Moodle

```
git remote add moodle git://git.moodle.org/moodle.git
```

Checkout a new branch e.g. lets say we are going from Moodle 3.8 to Moodle 3.9, we'll call this branch `upgrade39` and base it from say `master` where we have the current Moodle 3.8 code base.

```
git checkout -b upgrade39
```

Fetch the latest Moodle 3.8 and perform a minor version upgrade to the very latest Moodle 3.8 code. If you hit any conflicts here, they need to be resolved before moving on (e.g. core code customisations).

```
git fetch moodle MOODLE_38_STABLE
git pull moodle MOODLE_38_STABLE
```

Next, fetch the last Moodle 3.9 code from the upstream Moodle code repository:

```
git fetch moodle MOODLE_39_STABLE
```

Now we can attempt the rebase, rebasing our Moodle 3.8 code with the latest Moodle 3.9 stable code on the upgrade 3.9 branch:

```
git rebase --onto moodle/MOODLE_39_STABLE moodle/MOODLE_38_STABLE upgrade39
```

Hopefully the rebase works with any issues. Of course if there are problems you'll need to work through the rebase conflicts accordingly.

Revision #1

Created Sun, Oct 18, 2020 9:35 AM by [Moodle Wiki](#)

Updated Sun, Oct 18, 2020 10:17 AM by [Moodle Wiki](#)