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# Developer Workflow

work in progress, not final

## General Overview

The dev server has the linux firewall enabled and only IPs that are on the list are allowed to connect to the server.

There is a dev site that can be accessed at <https://master.beacontechnology.com>

It is possible for the developer to make changes to dev and preview them without affecting production.

Since the database is synced from prod to dev, work must be performed with this in mind.

code is to be modified, then when the code is in a state that you are ready to publish, commit work to the local dev repo, then push from dev to prod

## Making Changes

To make changes, ssh to `username@dev.beacontechnology.com`

You should be automatically logged in as `masterbeacon` user.

The website files are located at `/home/masterbeacon/public_html`

Modify the files to your liking with your preferred editor.

When done and ready to publish, stage and commit all changes using `git commit -a`

This will commit changes to the local repo.

## Publishing Changes

To publish changes, just run `/root/scripts/beaconpublish.sh`

That script will push master to origin.

Then it pulls

## Syncing Database and Files

The database and static files are copied from prod to dev on a daily basis between 3AM and 4AM.

To make the script run early, just run the command: `sudo /root/scripts/beaconsync.sh`

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<https://wiki.beacontechnology.com/> - **Guide**

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