Meeting with Troy from MetOcean

**Time:** 4:00 PM, 27/8/2016

**Place:** G.B.04

**Attendance:** Ben, Hakau, Jasnil, Fraser, Nathan

**Meeting Schedule:** Every 2 weeks, Wednesday 4PM G.B.04. (Next meeting: 10th July 2016)

**The Problem:** MetOcean is using 3 servers: test, development, production. The current update process, going from development to production, involves pulling the updated versions of each individual service. This is currently a manual process that is hard to manage and is very time consuming.

MetOcean may have 30 services running at the same time - On 6 different machines. Each service is built differently. Some are web services, some are back end or front end etc. The only common thing is that all services use Git.

**The Project:** To build a git GUI that automates the update process of MetOcean’s servers.

“What we really want - is to see 3 servers in the GUI and to click a button that upgrades that server.”

**Possible Project Extensions:**

* Running a script that properly releases the service (allowing it to be run again after the update).
* A GUI that shows the current versions of all services on a server.
* Integrating git tags – allowing for easy rollback to stable versions.

**Notes:**

Open source. There is no preference on where it is hosted, public / private etc…

There is another project available involving layers on google maps. However, we have chosen to stick with Shepherd

We are invited to meet the MetOcean team based in Raglan or New Plymouth.