



## User IDE

- Commits code to gitlab

## Gitlab

- Behaves as SVN would.
- Allows Jenkins to poll and trigger builds.

## Jenkins

- Triggers build based on deployment.
- Auto-packages contents to container.
- Unit tests before deploying as a live container.
- Pipeline from Dev to Prod with Jenkins Master/Workers.
- Promotion approval

## Traefik

- Example of dynamic docker LB/Port forwarder.
- Auto-detect and assign published portsfor docker container.
- Web applications are not adversely affected.
- Load balancer for all incoming traffic to better delegate across managers/workers.