

**Pragmatic Development With Plugins
and Docker - Fred Drake**
October 2016





Who Am I?



Fred Drake

- Manager of Software Engineering at 3C
- Technical Lead
- 18 Years Experience In The Software Industry
- Worked in various industries such as smart utility metering, healthcare and digital advertising.



What We Will And Won't Be Covering

- **WON'T:** Not a tutorial or dive into plugin development
- **WILL:** Our unified deployment process of plugin code
- **WILL:** Our setup of dotCMS and Docker



Identified Challenges



- Run web sites with integration of various internal third party systems
- While content management can be centralized, plugin development is not
- Keep code deployments in sync using company policies

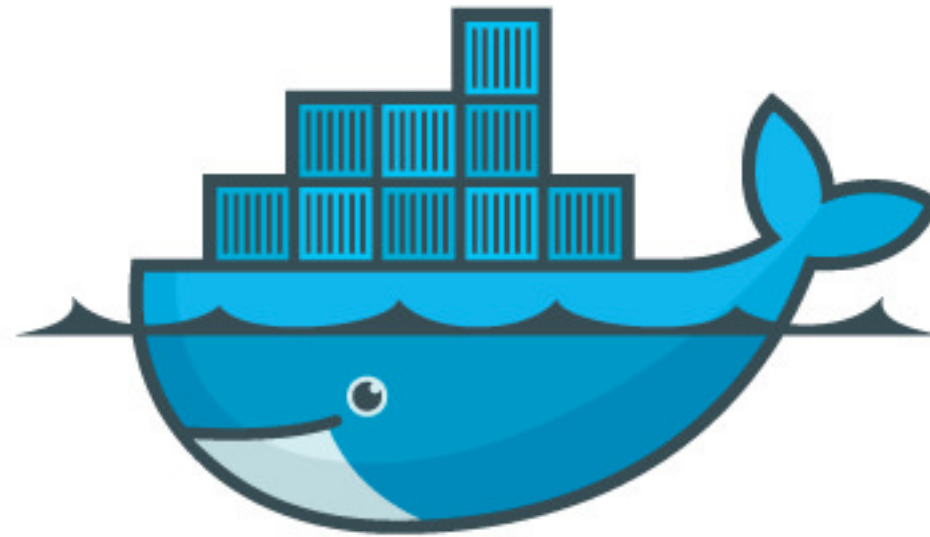


Our Environment

- dotCMS 3.5.1
- MySQL 5.6
- CentOS 6
- RPM Packages Wherever Possible
- Sys Admins use Puppet to Keep Sync



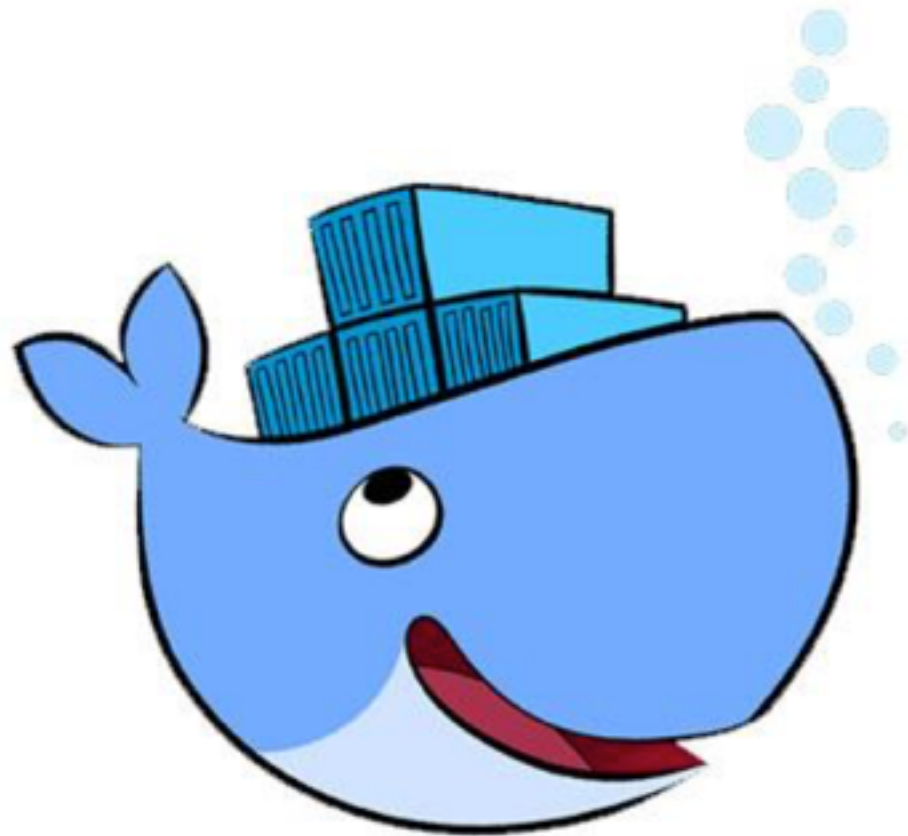
Docker



docker



Docker Advantages



- Rapid and consistent configuration
- Environments can be treated like socks instead of pets



Non-Production vs Production

- Non-Production: GOOD
- Production: NOT SO GOOD
 - dotCMS does not recommend or support
 - We aren't convinced it is ready for us for prime time production



DEMO



Docker Hub: [fdrake/dotcms](https://hub.docker.com/r/fdrake/dotcms)



Questions

