# Eclipse Docker & OpenShift tooling

Dmitrii Bocharov (dbocharo@redhat.com)



#### Contacts and materials

Software Engineer in Red Hat

- JBoss Tools plugins for Openshift and Hibernate
- LSP (language server protocol) for Eclipse Che

Email: <a href="mailto:dbocharo@redhat.com">dbocharo@redhat.com</a>
<a href="mailto:bdshadow@gmail.com">bdshadow@gmail.com</a>

GitHub: <a href="https://github.com/bdshadow">https://github.com/bdshadow</a>

Materials: <a href="https://github.com/bdshadow/devconf2018">https://github.com/bdshadow/devconf2018</a>



## Docker tooling

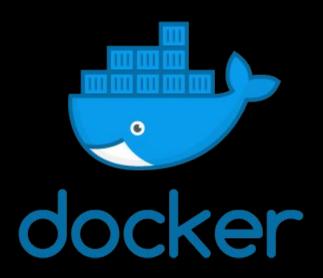
- Eclipse Foundation project
- Part of Linux Tools



#### Docker tooling

- Explorer view
- Commands: run, pull, tag...
- Dockerfile integration
  - Content assist
  - Build linked to Eclipse project
- compose integration
  - Launch a docker-compose.yml file





Demo



## OpenShift tooling

- JBossTools project
- Simplify OpenShift operations
- Integration with Docker Tooling





#### Red Hat CDK

- provides a pre-built Container Development Environment based on RHEL
- configures a pre-built, single-node OpenShift cluster locally
- CDK installs via the <u>Red Hat Development Suite</u>.
- can be run on macOS, Microsoft Windows, RHEL
- xhyve, Hyper-V, Linux KVM/libvirt, and VirtualBox hypervisors are all supported





#### Demo



#### Questions?



Materials:

https://github.com/bdshadow/devconf2018



### Thank you for your attention!

Materials: <a href="https://github.com/bdshadow/devconf2018">https://github.com/bdshadow/devconf2018</a>

