

OpenShift in Action – JBoss BusinessDay

by Sebastian Dehn

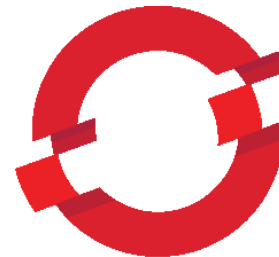
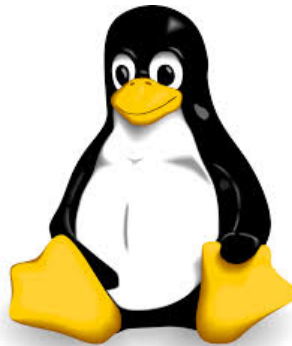
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Build and Deploy an image

Failover scenarios

Logging & Debugging

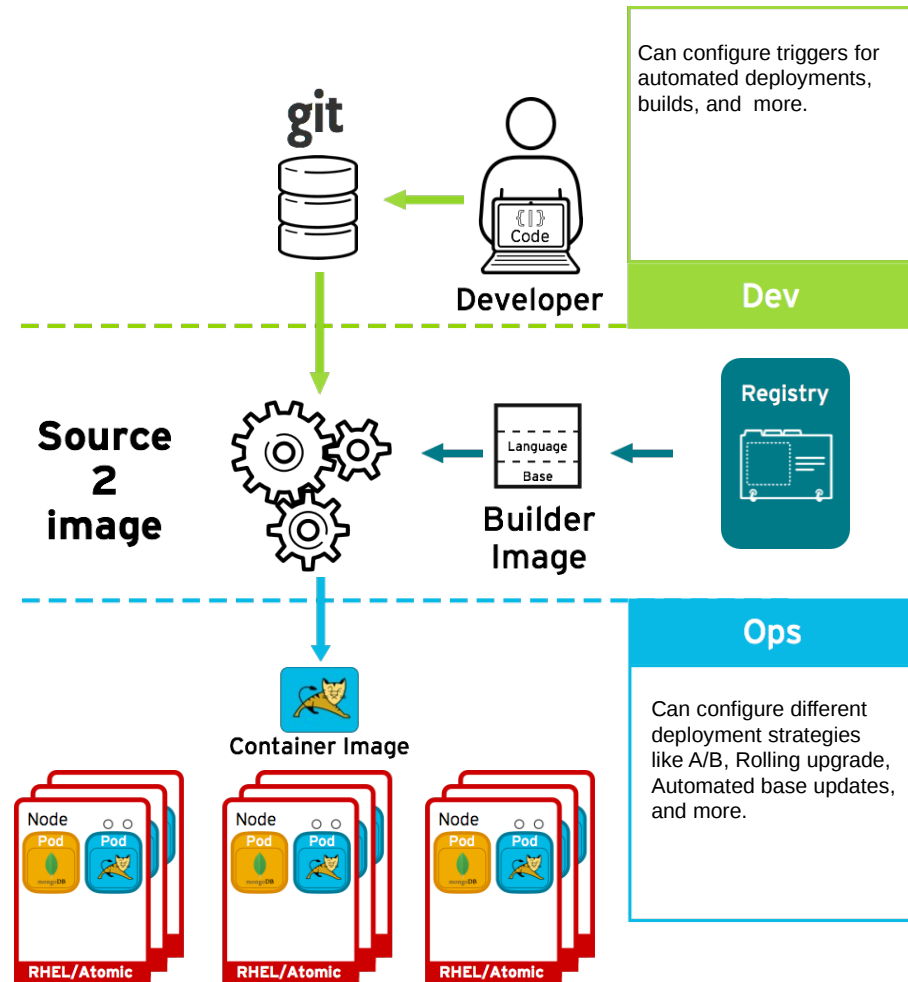
Development Tools

Source 2 Image Walk Through

Code

Build

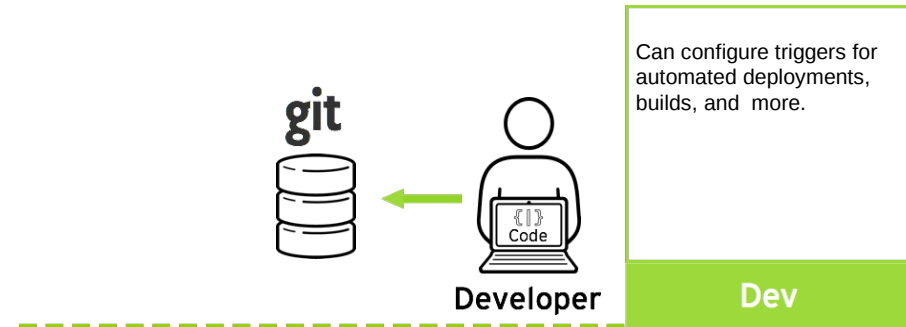
Deploy



Source 2 Image Walk Through

Code

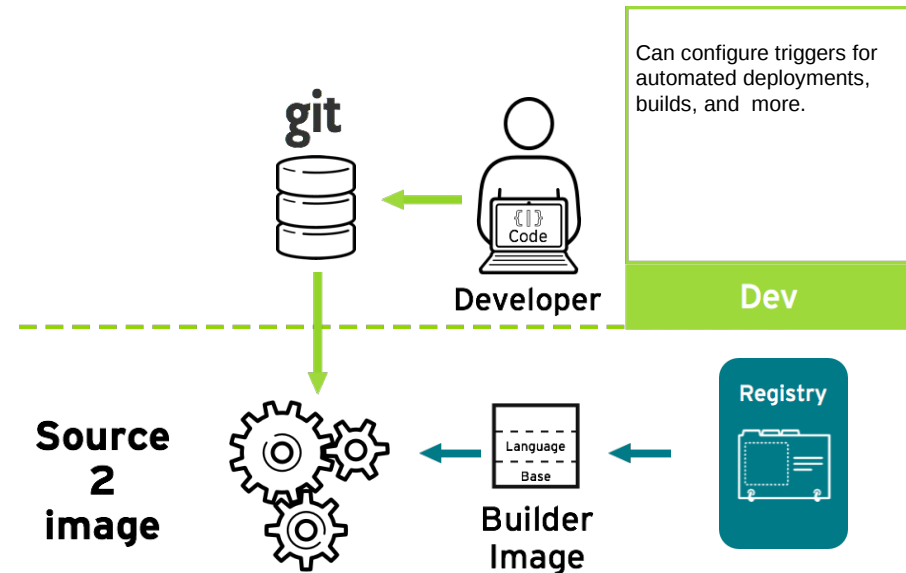
Developers can leverage existing development tools and then access the OpenShift Web, CLI or IDE interfaces to create new application services and push source code via GIT. OpenShift can also accept binary deployments or be fully integrated with a customer's existing CI/CD environment.



Source 2 Image Walk Through

Build

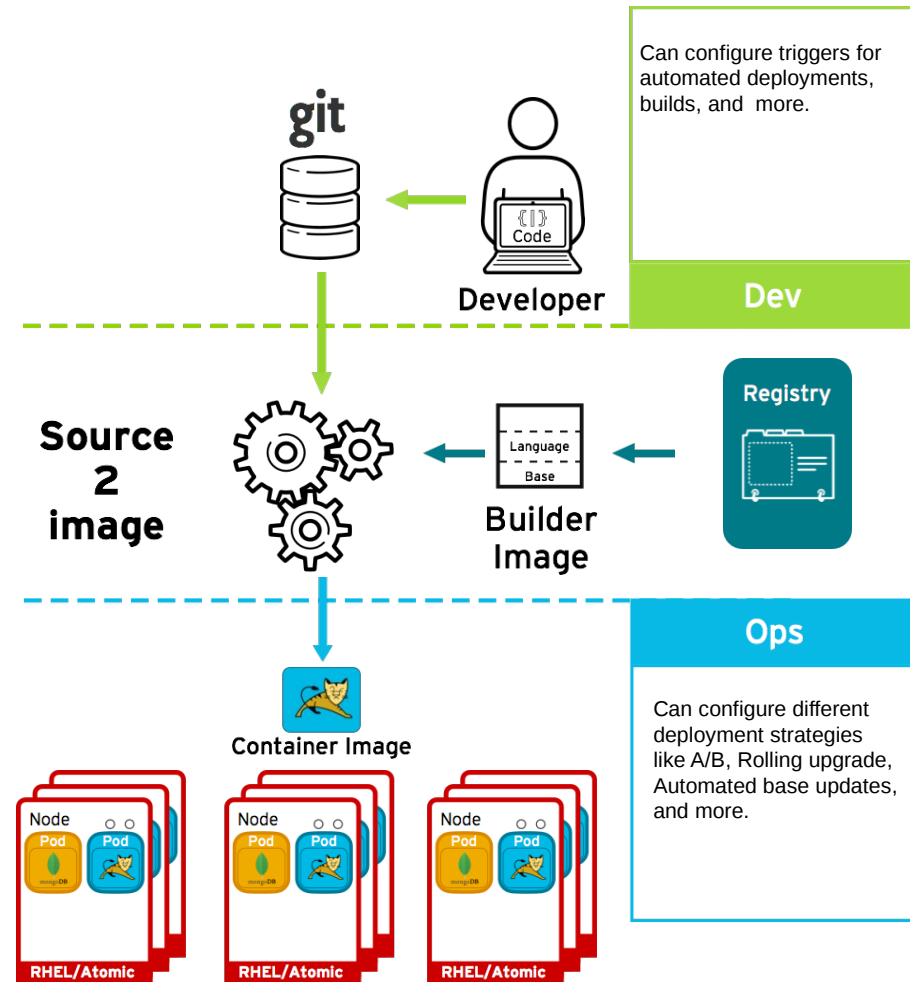
OpenShift automates the Docker image build process with Source-to-Image (S2I). S2I combines source code with a corresponding Builder image from the integrated Docker registry. Builds can also be triggered manually or automatically by setting a Git webhook.



Source 2 Image Walk Through

Deploy

OpenShift automates the deployment of application containers across multiple Node hosts via the Kubernetes scheduler. Users can automatically trigger deployments on application changes and do rollbacks, configure A/B deployments & other custom deployment types.



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