



Deploy and update microservices on the fly with Eclipse Cloud DevTools

Who we are



Software Engineer

Eclipse Che committer

workspaces.openshift.com



Software Engineer



Eclipse Che Lead



CNCF Ambassador



Software Engineer

Fabric8 Kubernetes Client

Eclipse JKube





E C L I P S E

Cloud DevTools

**The community for industry-best open source
Cloud Development Tools**



E C L I P S E

Cloud DevTools

CLOUD IDE



Eclipse Che

Eclipse Che™ is an open-source system to provision containerized development environments, IDEs included, in Kubernetes clusters.

[Get Started >](#)

OTHER TOOLS



Eclipse JKube™

Cloud-Native Java Applications without a hassle Eclipse JKube™ is a collection of plugins and libraries that are used for building container images using Docker, JIB or S2I build strategies...

[Get Started >](#)

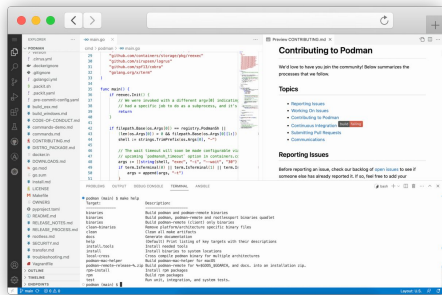


Eclipse Che



Cloud Dev Environments

Create Containerized Development Environments from your browser



Extends Kubernetes

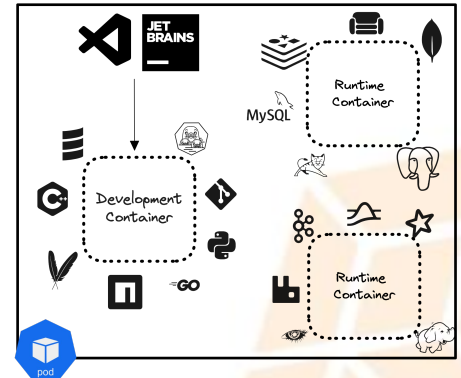
Leverage containers technology to create **repeatable, fast and scalable** CDEs.

Extends Kubernetes so that CDEs are native objects.



Add your tools and IDE

Software defined CDE using the Devfile specification





JKube



Tools and Plugins

Generate container images

Generate and deploy
configuration manifests

More



Deploy Java on K8s

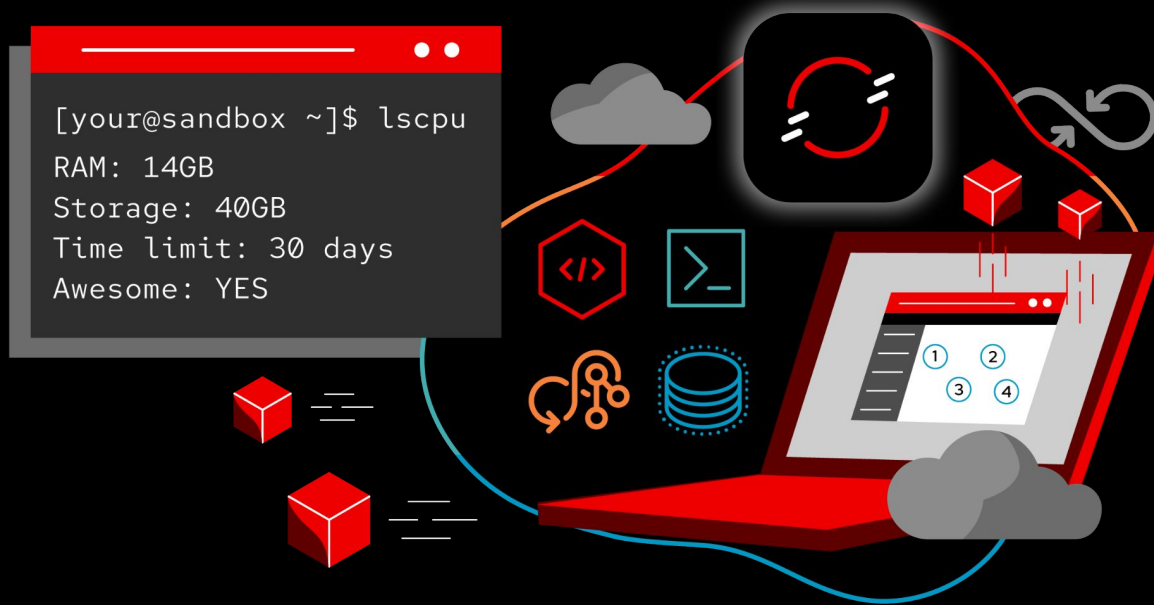


Components

JKube Kit

Kubernetes Maven/Gradle Plugin

OpenShift Maven/Gradle Plugin



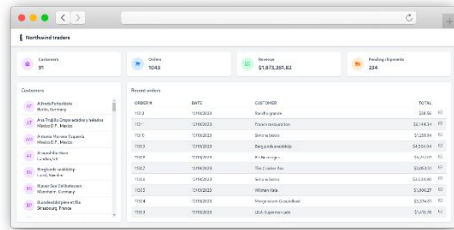
developers.redhat.com/developer-sandbox

Learn containers, Kubernetes, and OpenShift in your browser.
Start exploring in the OpenShift Sandbox.

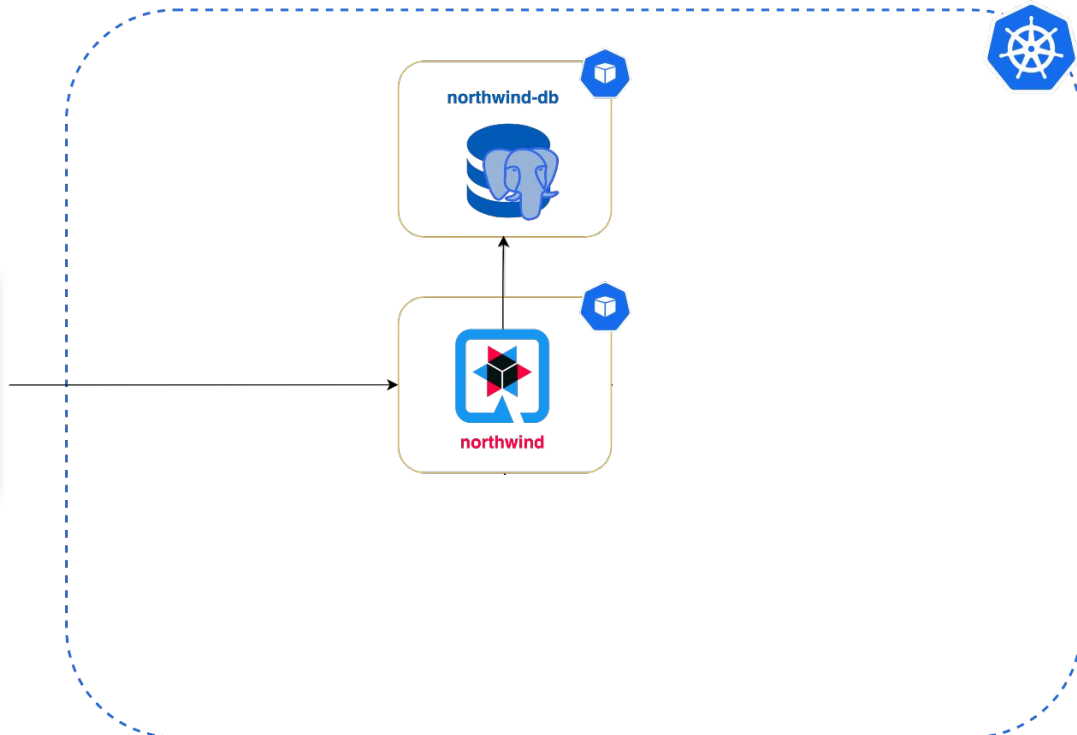
Try Red Hat's products and technologies
without setup or configuration.



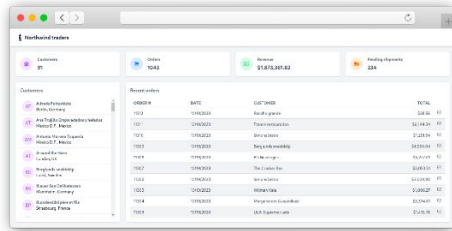
The Demo Application: Northwind Traders



Product Name	Unit Price	Units In Stock	Reorder Level	Supplier
Chai	18.00	53	10	Exotic Blends
Chocolate	12.00	41	5	Exotic Blends
Chocoloni	16.00	39	5	Exotic Blends
Chocolate	10.00	41	5	Exotic Blends
Chocolate	12.00	41	5	Exotic Blends
Chocolate	10.00	41	5	Exotic Blends
Chocolate	12.00	41	5	Exotic Blends
Chocolate	10.00	41	5	Exotic Blends
Chocolate	12.00	41	5	Exotic Blends
Chocolate	10.00	41	5	Exotic Blends

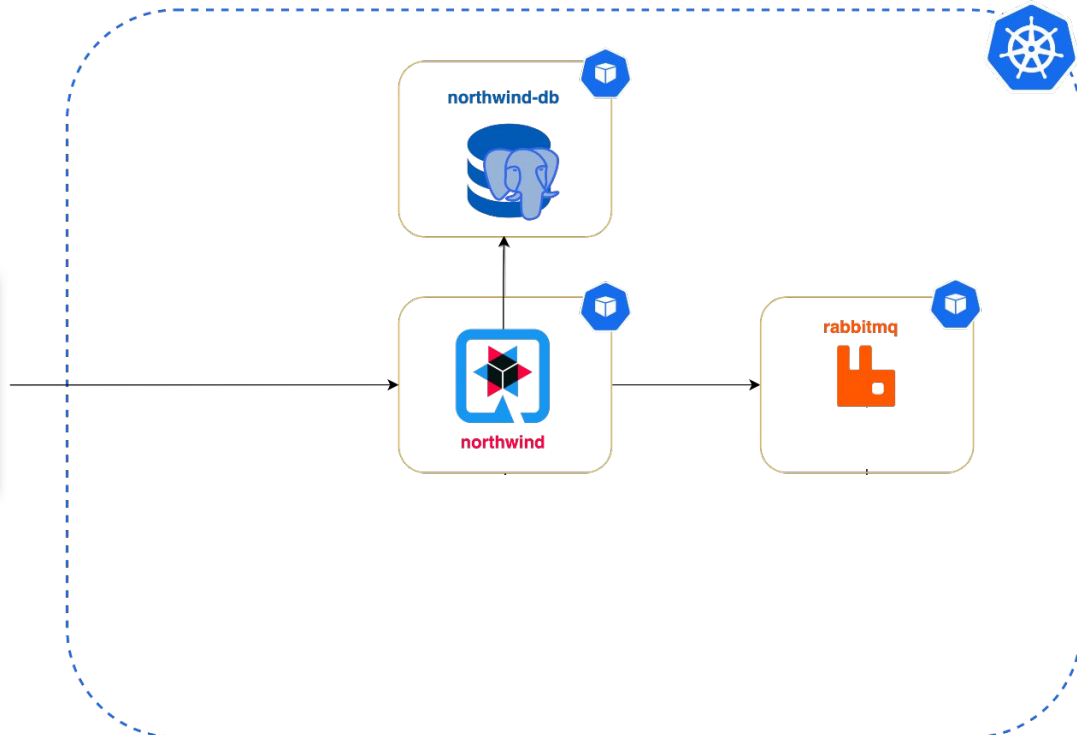


The Demo Application: Northwind Traders

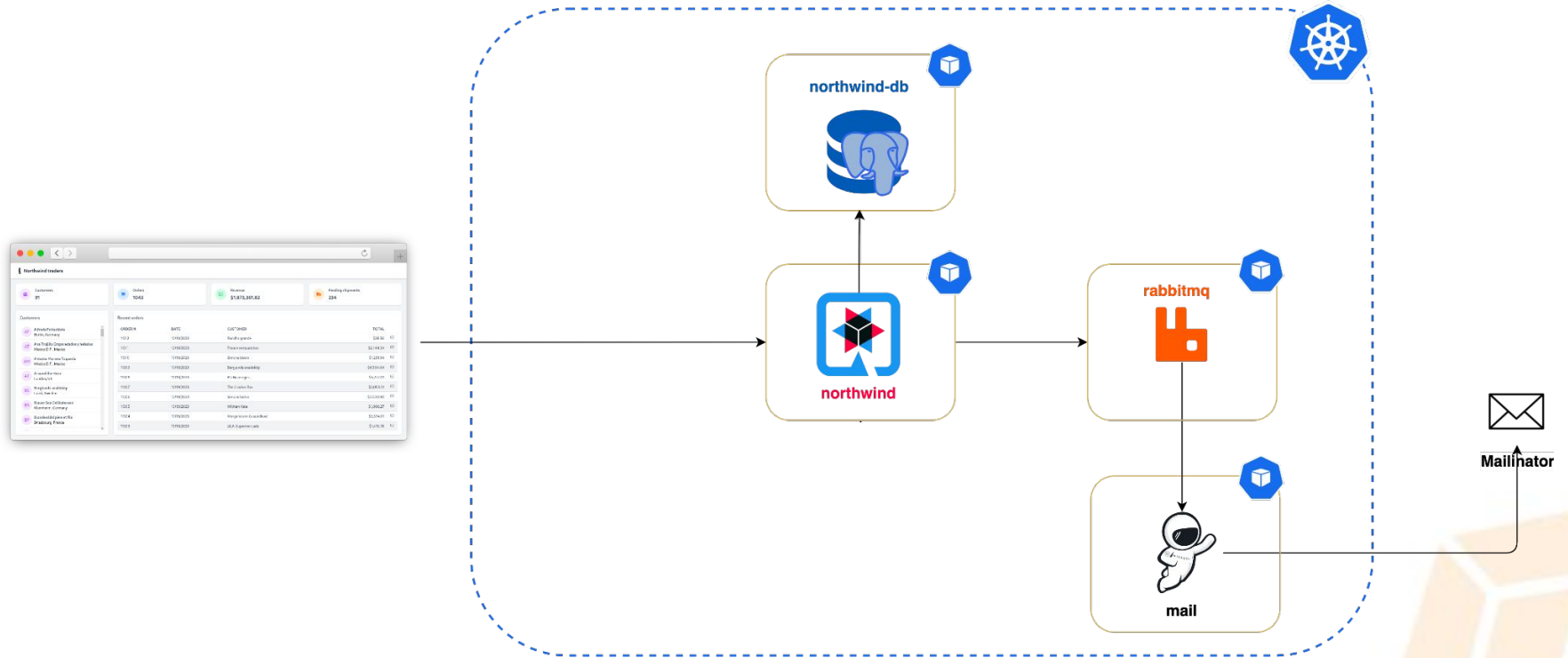


The screenshot shows a web application interface for 'Northwind Traders'. It features a sidebar with navigation links, a main content area with a table of products, and a top navigation bar. The table lists various products with columns for Product ID, Product Name, Supplier, Category, and Price.

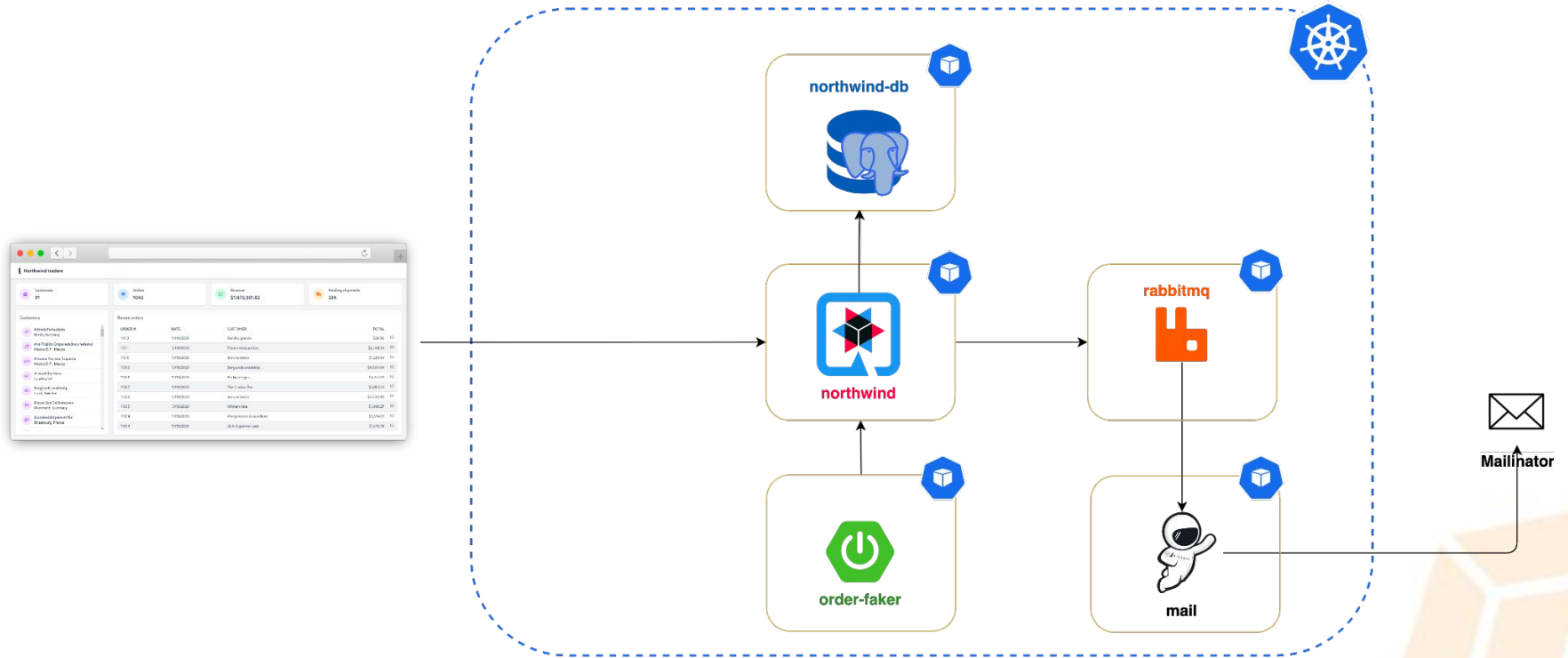
Product ID	Product Name	Supplier	Category	Price
101	Chai	Wingy Tea Co.	Tea	1.30
102	Chai	Tea Time	Tea	1.30
103	Chai	Tea Time	Tea	1.30
104	Chai	Tea Time	Tea	1.30
105	Chai	Tea Time	Tea	1.30
106	Chai	Tea Time	Tea	1.30
107	Chai	Tea Time	Tea	1.30
108	Chai	Tea Time	Tea	1.30
109	Chai	Tea Time	Tea	1.30
110	Chai	Tea Time	Tea	1.30



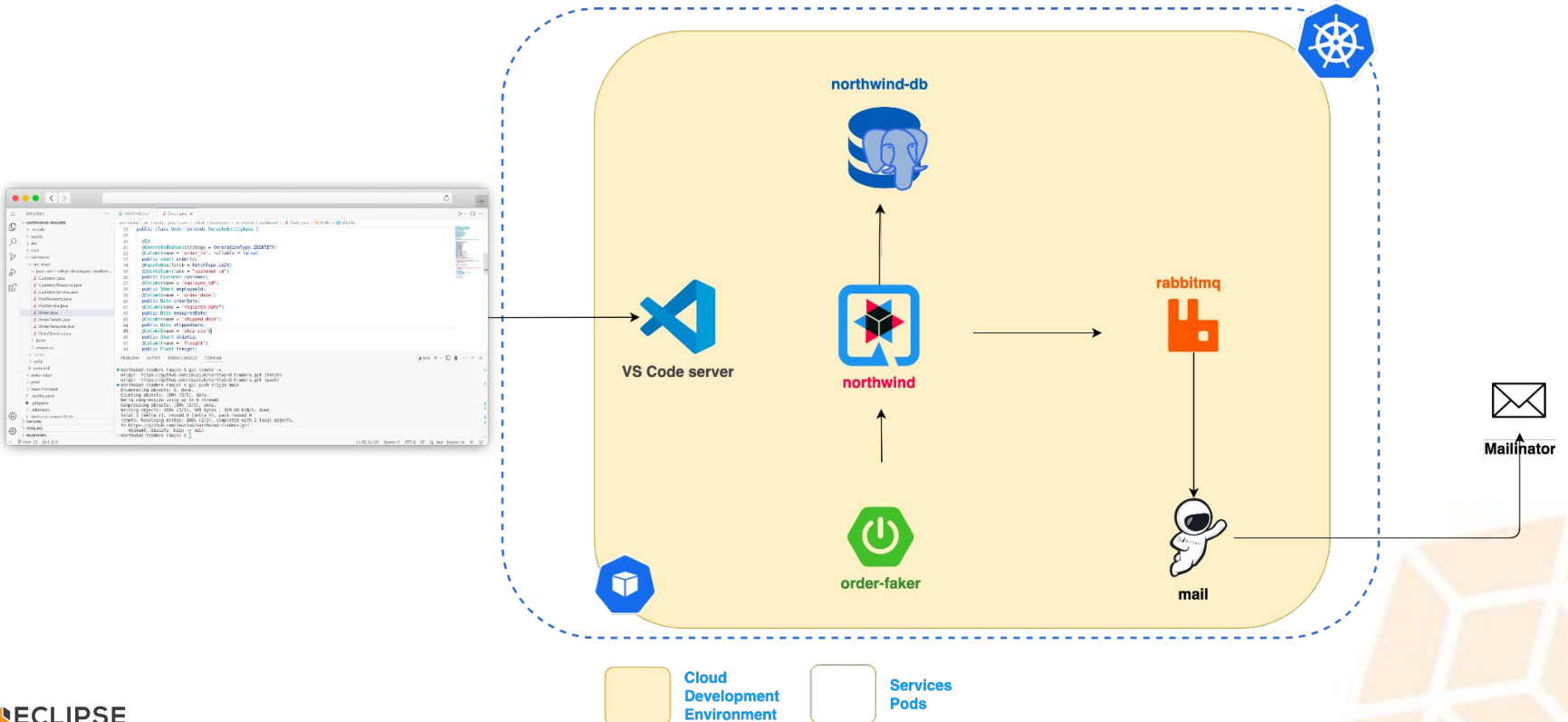
The Demo Application: Northwind Traders



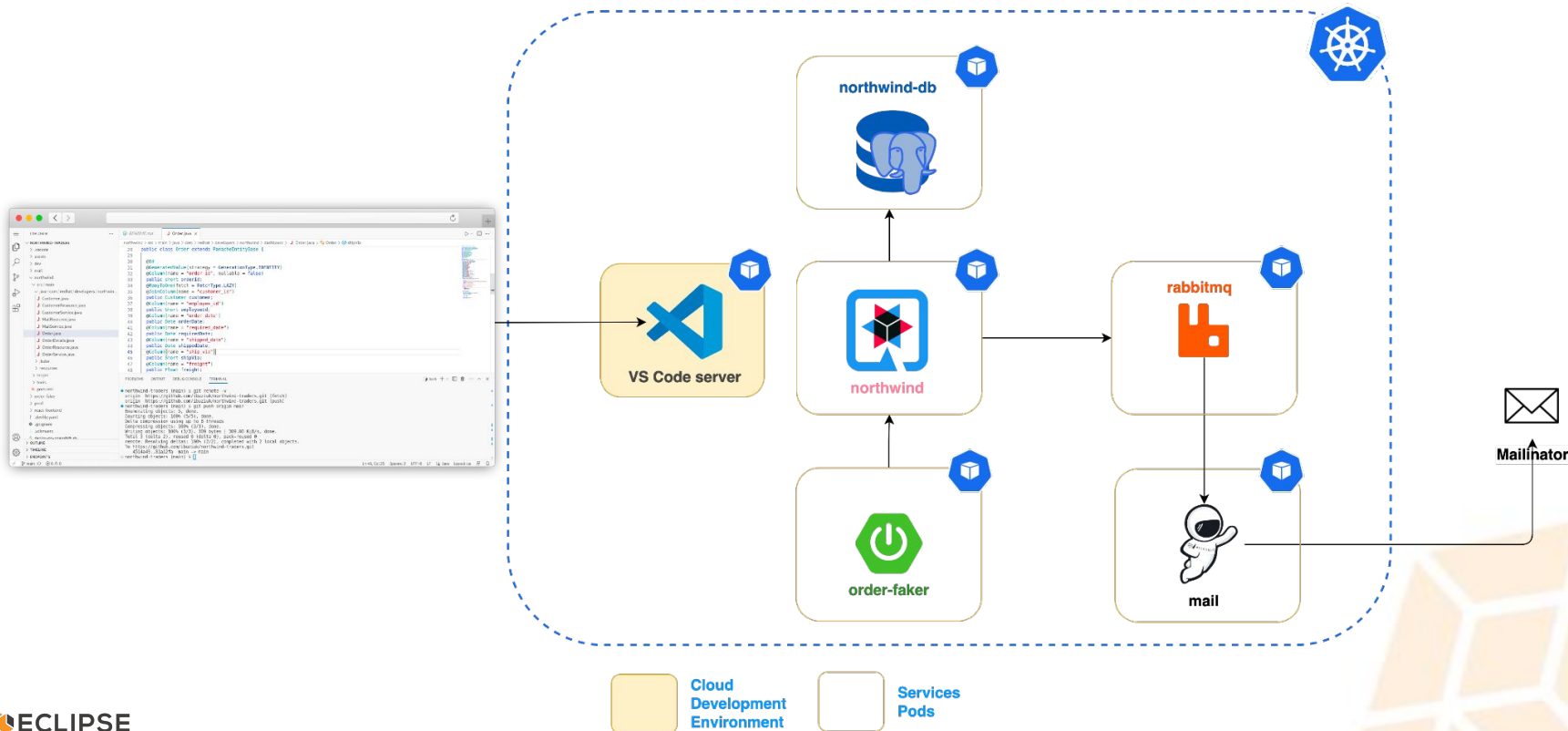
The Demo Application: Northwind Traders



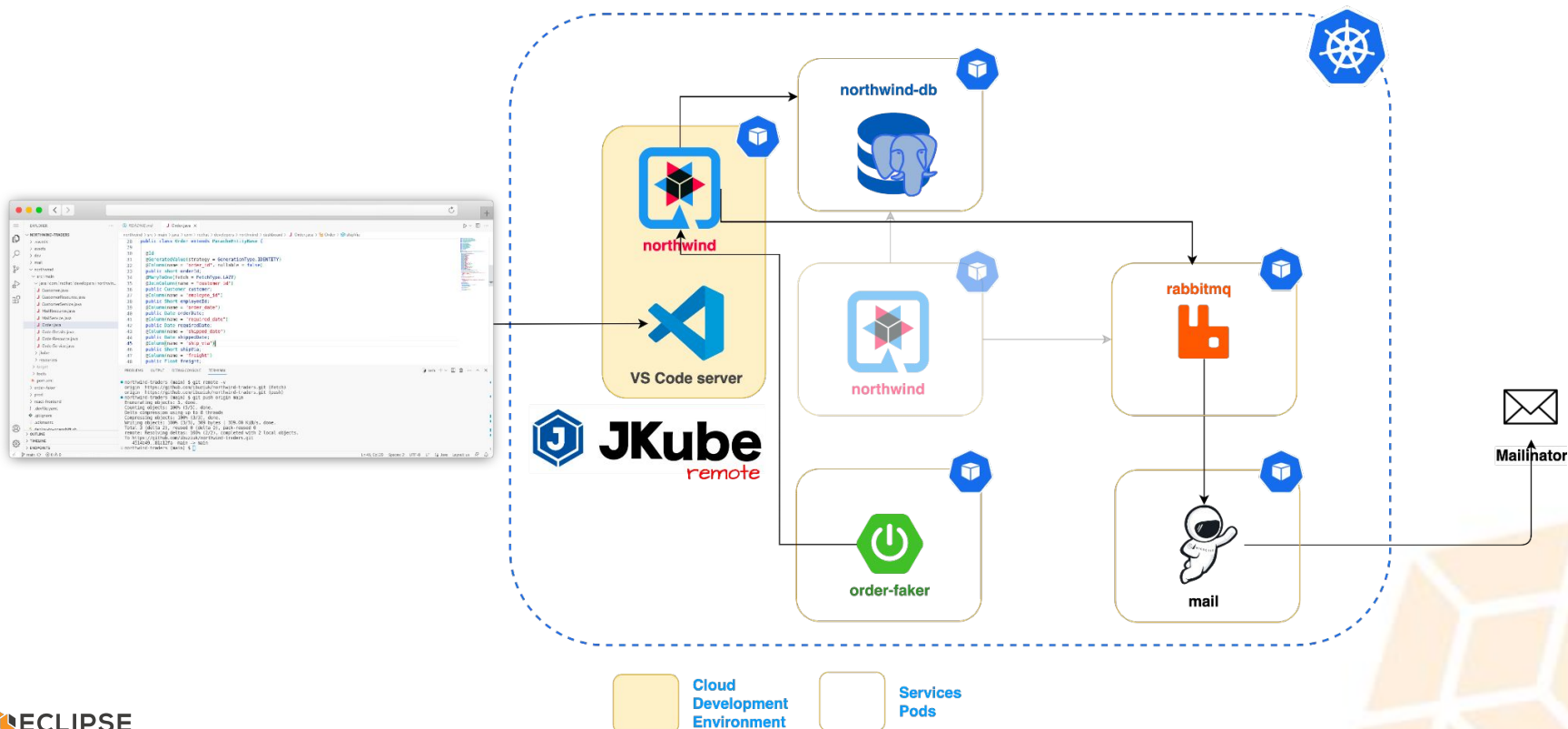
DEMO 1: All services running in the Che Workspace



DEMO 2: Using jkube remote-dev in a Che Workspace



DEMO 2: Using jkube remote-dev in a Che Workspace



Thank you!


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