

## KEY FEATURES & BENEFITS

Use Eclipse to take entire development-build-development cycle to the cloud to enhance productivity. Work directly within Eclipse to manage Jenkins as a Service, then deploy apps to the cloud with a single click!

## FEATURES

### Use Eclipse to:

- Connect to source repositories on CloudBees
- Monitor on-premise Jenkins
- Monitor Jenkins in the cloud on CloudBees' DEV@cloud
- Deploy to CloudBees' Platform-as-a-Service (RUN@cloud platform)

## BENEFITS

- Easily access the benefits of the cloud – resources are instantly available with no configuration hassle
- Improved software quality: directly integrating quality-enhancing processes makes them easier to do – and more likely to be done
- Faster time to market: Streamlined development and deployment processes yield greater productivity

## RELATED DEVELOPER TOOLS

- Jenkins
- Git
- SVN
- Tomcat

## RELATED CLOUDBEES PRODUCTS

- DEV@cloud
- RUN@cloud

# CloudBees Toolkit for Eclipse

**Turbo-charge Java application development, build and deployment in the cloud... with Eclipse! With the CloudBees Toolkit for Eclipse, developers can work directly within their Eclipse environment to create and monitor build jobs on CloudBees DEV@cloud (Jenkins-as-a-Service++) and easily deploy those applications on the CloudBees RUN@cloud Platform as a Service.**

## Seamless integration with source repositories hosted on CloudBees

Every CloudBees account comes with optional source repositories like SVN and Git. Thus CloudBees developers can have one integrated development to deployment environment. Developers can also plug into external repositories that are not hosted by CloudBees.

The CloudBees Toolkit for Eclipse builds on top of Subversive and Subclipse plug-ins that connect Eclipse users to source repositories hosted on CloudBees. Developers can easily connect to and work with source repositories on the CloudBees forge. The toolkit automatically connects to the SVN repositories hosted on CloudBees during the account validation process – a user just chooses the right repositories that should be managed in a drop-down window.

## Create and monitor jobs on Jenkins to enhance developer productivity

### In the Cloud and On-Premise

CloudBees' DEV@cloud service provides the continuous integration capabilities of Jenkins as a Service in the cloud today. The toolkit connects DEV@cloud directly to Eclipse, so developers can create and monitor Jenkins jobs running on CloudBees without ever leaving the Eclipse IDE. In addition to monitoring Jenkins on CloudBees, developers can use this toolkit to connect to their existing on-premise Jenkins jobs.

Now, developers don't need to open a browser to view the status of their builds. They just build code, push it to Jenkins and observe the status right through their IDE. Productivity improves, and so does software quality.

## Deploy applications to the cloud from within the IDE

Today, CloudBees provides the most advanced Java Platform as a Service (PaaS) on the market, RUN@cloud. Developers can now connect to RUN@cloud from within Eclipse and directly deploy their applications to the cloud.

The toolkit provides two modes:

- **Run in a local environment:** The CloudBees SDK provides a local mode wherein developers can deploy to a local appserver instance that mimics a production environment on a local machine. Developers can use this mode from within Eclipse to test their applications locally – this is as easy as saying "run as" on a local instance.
- **Deploy to the CloudBees RUN@cloud PaaS:** Once developers have tested their applications and are ready to push them out into the cloud, they can through a simple push of a button deploy their applications to the CloudBees RUN@cloud service. This is as easy as saying "run as" on CloudBees. The underlying SDK transparently deploys the application to their CloudBees account. Only the modified files are

Developers who want to speed their application development and deployment can download this toolkit to set up source repositories on CloudBees, build their applications on DEV@cloud, and deploy to RUN@cloud without ever leaving Eclipse. Enjoy enhanced productivity and an improved process for software quality.

**CloudBees is free for open source!**  
[www.cloudbees.com/foss](http://www.cloudbees.com/foss)

uploaded, greatly improving redeployment speeds and often reducing redeployment times to seconds.

## Continuous deployment through Eclipse to turbo-charge productivity

As developers become more and more productive using Eclipse with CloudBees, they can move to the next level of sophistication: continuous deployment. Like continuous integration, this best practice is also easy to achieve with the CloudBees platform. In most cases, developers just set up their forge, set up Jenkins jobs, and modify the Jenkins jobs to use the CloudBees deployer plug-in, which automatically deploys applications to the RUN@cloud PaaS. Once set up, the developer just checks in the code. DEV@cloud runs the builds and on success, deploys them to the cloud.

### Try the CloudBees Platform Free!

<https://grandcentral.cloudbees.com/account/signup>

### Try the CloudBees Toolkit for Eclipse:

Point to [eclipse.cloudbees.com](http://eclipse.cloudbees.com) from within Eclipse

## Learn More

### See the toolkit in action:

**Full toolkit** - <http://youtu.be/dpe2kgDbQU0>

**Short Clip** - Watch the DEV@cloud service and on-premise Jenkins monitoring of toolkit in action  
<http://bit.ly/n3eTn9>

### Eclipse Toolkit How To Guide:

<http://bit.ly/q0HYKF>

### Jenkins Training:

<http://cloudbees.com/training.cb>

### Other Videos, Webinars, White papers:

<http://cloudbees.com/support.cb>

## CloudBees View in Eclipse

Job	Build stability	Last build
Build helloWorld	2 out of the last 5 builds failed.	1 day ago #8
Build helloWorld2	All recent builds failed.	8 days ago #1
Hello	All recent builds failed.	35 days ago #1