

Code in the Cloud

With Eclipse Che and Docker

Eclipse Demo Camp

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#eclipseche

The Developer Environment Configuration Problem

Working on multiple projects, technologies



Working in teams with style...



All differents - but all goods

Documentation, Scripts ?

READ THE SOURCE LUKE !!



Manual, Error Prone and - in hours, days, weeks?

STPO



We Can Do It!



Or not?

Embarrassed.
Ashamed.
Defeated.



Why can't it just &%\$@# work??





Anyone, anytime can contribute to a project without installing software.



Open source <> community

Redefine the workspace



IDE



Project Files

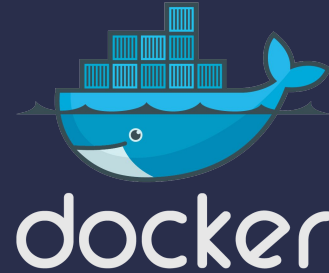


Runtime

Workspaces bring their own runtimes



Machine runtime
defined by Dockerfile



Projects are mounted into the runtime



Projects rely on workspace runtime

Workspaces define commands



Commands are
executed as
processes in
workspace
runtime

- mvn clean install
- start mysql
- deploy project

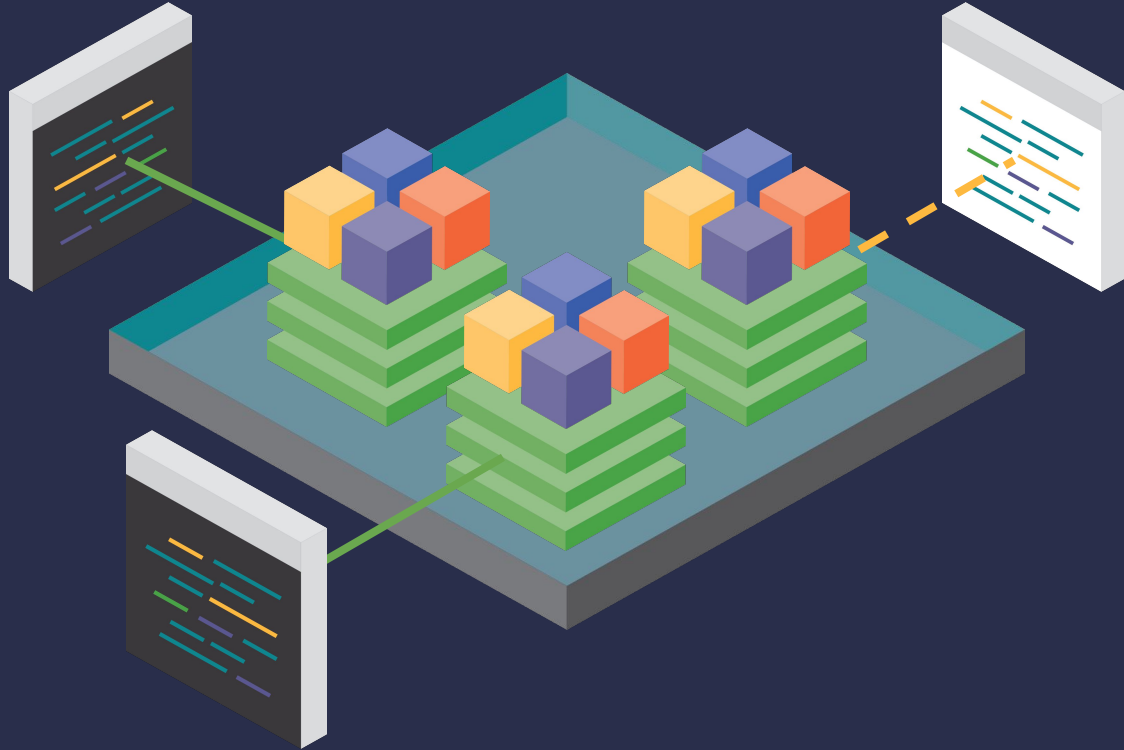
Workspaces serve their own browser IDE



Desktop IDEs can connect over SSH



Workspaces are hosted in Che's server




Live Demo: Introduction to Eclipse Che


1. Terminal
2. Editor
3. Java intellisense
4. Commands
5. Debug
6. Save to the cloud



Developer Workspace

JIRA integration



☰ {cloud} Dashboards Projects Issues Agile **Create** Search ? 

 Marketing / MKTG-414

Fix header menu entries

Edit Comment Assign More Resolve Issue Close Issue Export

Details

Type:	 Bug	Status:	REOPENED
Priority:	 Minor	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	None
Labels:	<a>demo		
Similar issues:	<a>Show 10 results		
BV:	0		
Review:	<a>Review in Codenvy		
Develop:	<a>Develop in Codenvy		

Description

- All menu items should be one word


Activity


All **Comments** Work Log History Activity Transitions

There are no comments yet on this issue.

Comment

People

Assignee:  Brad Micklea
Assign to me

Reporter:  Bill Kalogiros

Votes: 0 Vote for this issue

Watchers: 1 Start watching this issue

Dates

Created: 05/Feb/16 9:59 PM

Updated: 4 days ago

Drag and Drop

Drop files here to attach them


or

Select files


Agile

View on Board

Atlassian JIRA Project Management Software (v6.4.6#64021-sha1:33e5b45) · About JIRA · Report a problem



Jenkins integration

Stéphane📧🔔👤


Messagerie←📁🔔🗑️📁📁Plus56 sur 3 188←→⚙️

NOUVEAU MESSAGEdashboard-demo - Build # 10 - Still Failing!Boîte de réception🖨️📧Contacts (2)

Boîte de réception

- Messages suivis
- Important
- Messages envoyés
- Brouillons

Cercles

Stéphane🔍

👤ci@codenvy.comÀ moi, bmicklea10:42 (Il y a 5 jours)☆↶⌵CiAjouter aux cercles📧✉️⌵Afficher les détails

🔴

BUILD FAILURE

Build URL: <http://ci.codenvy-dev.com/jenkins/job/dashboard-demo/10/>

Project: dashboard-demo

Codenvy Workspace: <http://internal.codenvycorp.com/?id=3nrytsex2holny4w>

SSH Workspace: ssh://root@runnerp12.codenvycorp.com:55321

Date of build: Wed, 16 Mar 2016 11:41:55 +0200

Build duration: 14 sec

CHANGES

No Changes

CONSOLE OUTPUT

Started by user Stéphane Tournié
Building on master in workspace /home/jenkins/.jenkins/jobs/dashboard-demo/workspace
> git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url git@github.com:codenvy-demos/dashboard.git # timeout=10
Fetching upstream changes from git@github.com:codenvy-demos/dashboard.git
> git --version # timeout=10
> git -c core.askpass=true fetch --tags --progress git@github.com:codenvy-demos/dashboard.git +refs/heads/*:refs/remotes/origin/*
> git rev-parse refs/remotes/origin/MKTG-414^{commit} # timeout=10
> git rev-parse refs/remotes/origin/origin/MKTG-414^{commit} # timeout=10
Checking out Revision b101d67ed3dad7f6403d219b5b9f70ab545fbf9e (refs/remotes/origin/MKTG-414)
> git config core.sparsecheckout # timeout=10
> git checkout -f b101d67ed3dad7f6403d219b5b9f70ab545fbf9e
> git rev-list b101d67ed3dad7f6403d219b5b9f70ab545fbf9e # timeout=10
No emails were triggered.
Parsing POMs
ERROR: Failed to parse POMs
org.apache.maven.project.ProjectBuildingException: Some problems were encountered while processing the POMs:
[FATAL] Non-parseable POM /home/jenkins/.jenkins/jobs/dashboard-demo/workspace/pom.xml: end tag name must match start tag name from line 14 (position: TEXT seen ...<n ... @21:14) @ line 21, column 14
at org.apache.maven.project.DefaultProjectBuilder.build(DefaultProjectBuilder.java:364)

📞Passer un appel

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👤🔔📞⋮

And of course...

BETA

eclipse.org/che

Getting started guides

Downloads

Documentations

Contribution guide

Questions ?

Thank you