Eclipse: The Evolution and Future of IDEs

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What is needed to make a contribution?

IDE  Project Files  Runtime
Workspaces include projects and config

IDE -> Workspace -> Project Files -> Configuration -> Runtime
Localhost runtime has constraints

- Sharing
- Controlling
- Scaling
Redefine the workspace

IDE + Project Files + Runtime
Eclipse Che is an open source project to make workspaces universal.
Workspaces bring their own runtimes
Projects are mounted into the runtimes
Workspaces serve their own browser IDE
Desktop IDEs can connect over SSH
Workspaces are hosted in Che’s server
Workspaces are shareable
Workspaces are portable
Load or create new workspace

Securely onboard developer

http://someurl/factory?id=a_project
The dream realized

Developer Workspace
Codenvy ♥ open source

4 GB Workspaces
Samsung Developer conference

April 27-28, 2016

#iHeartSDC
Artik IDE

Powered by Eclipse Che
Artik devices

- SSH, USB
- MQTT, COAP
- Rules with Artik Cloud (process incoming data)
Manage Artik devices
Artik IDE

Video
Get started with Samsung ARTIK™IDE

Sources
github.com/eclipse/che

Dev List
che-dev@eclipse.org

IRC
#eclipseche

Gitter
gitter.im/eclipse/che
And of course...

eclipse.org/che/artik

- Getting started guides
- Downloads
- Documentations
- Contribution guide