

Today

Screwdriver's product development is currently driven by feature requirements of its two major contributors - Verizon Media and Yahoo Japan.

Future

We want to collaborate with Open Source community to expand Screwdriver beyond this current model and cultivate a global, active, and collaborative developer community.

Driving CI/CD Integrations & Code Contributions

Screwdriver is pluggable by design; it provides features to extend its core functionality and build integrations to various products, which enable the whole cycle of CI & CD. This pluggability allows developers to do things beyond Screwdriver's core functionality, such as integrating with applications like Tekton and Spinnaker to drive CD for product deployment.

We'd like to collaborate with the community to:

1. Integrate with Github to provide a standalone Screwdriver instance which open source developers can use to build, test, publish, and deploy their products.
2. Build a Marketplace for Screwdriver Shared Commands in order to provide extended functionality. For example:
 - a. If a Developer has a Docker file and wants to build a container, developer can select a shared command from the Commands Marketplace for building containers and use it in their build pipeline.
 - b. If a Developer wants to deploy to K8s using Spinnaker, they can use a Spinnaker shared command from the Command Marketplace to pass the necessary arguments in order to invoke a Spinnaker deployment process.
3. Build a Marketplace for Screwdriver Templates to provide comprehensive build and deploy solutions. For example:
 - a. If a node.js developer wants to build and publish a nodejs project to the NPM registry, developer can select a node.js Template from the Template Marketplace. Using the template, the developer would end up with a Screwdriver pipeline which

has the capability to build, test and deploy a node.js project without having to rewrite the publishing script from scratch.

4. Reach out to developers who are passionate about CI/CD and want a modern tool that can address their development use-cases. For example, we recently received community contributions for Bitbucket support but we would love more attention and community contributions on other plugins.

Driving Screwdriver Adoption

Community Support

We are currently providing support via a variety of channels including Github and Slack. Looking ahead, we will start hosting weekly community Hangouts. We would welcome feedback from the community on how to continue to expand and improve the support we offer.

- Slack Group
 - <http://slack.screwdriver.cd>
- Weekly Community Sync up via Hangouts
 - Cluster admins can discuss feature asks and operational expertise.

Publishing & Promoting Content

In addition to publishing and promoting content, we publish weekly and monthly via our Yahoo Developer Network and Verizon Media channels.

- Blog Posts
 - Product Updates & Event Recaps
 - <https://blog.screwdriver.cd/>
 - <https://developer.yahoo.com/blogs/>
- Case Studies
 - Work with vendors, users, and contributors to create case studies.
 - Ex: "From Zero to 2.7 Million - How Verizon Media Embraced Open Source to Accelerate Release Velocity" - <https://saucelabs.com/resources/case-studies/verizon-media-accelerates-millions-of-tests-every-month-using-open-source-technology-and-sauce-labs>

- Videos
 - Tutorials
 - Create and share short videos focused on features.
 - Conference and Meetup Recordings
 - Ex: https://www.youtube.com/watch?v=UKSD90_ktyM
- Podcasts
 - Share about Screwdriver via guest appearances on podcasts.
 - Ex: Future guest appearance on the [Dash Open Podcast](#).
- Social Media
 - Tweets focused on product updates, case studies, conferences, meetups, and webinars
 - <https://twitter.com/screwdrivercd>
 - <https://twitter.com/ydn>

Events

In addition to continuing to hosting and speaking at conferences and meetups, we would like to collaborate with the community on events, both online and offline.

- Conferences
 - Speaking and sponsoring booths
- Meetups
 - Speaking, sponsoring, hosting
 - Ex: We run the [Bay Area CICD & DevOps Meetup](#)
 - Have also spoken at other CI/CD meetups in LA & NYC.
- Webinars
 - Speaking
 - Ex: "From Zero to 2.7 Million - How Verizon Media Embraced Open Source to Accelerate Release Velocity" <https://info.saucelabs.com/how-verizon-media-embraced-open-source-registration-M.html>