4 Things Enterprise Developers Need From Their Tools

CloudBees

Successful software development and delivery often comes down to the tools you use. With all the complexity of enterprise DevOps, there's an allure to getting started with a simplified all-in-one tool that supposedly does everything. But what do enterprise development teams really need?

1

Development teams need best-in-class tools to meet enterprise requirements.

The enterprise is complex. To support consistent delivery, a successful enterprise must be able to support a diverse portfolio of many tools and tech stacks.

When it comes to enterprise DevOps, an all-in-one tool can't do it all. You need a toolchain that supports your team's unique tools and tech stack, but can also support the particular needs of other teams across your business.

Rather than being stuck with a single, lightweight all-in-one-tool, you need the best tools you can get – an assortment of well-established tools that have been refined, perfected and purpose-built for the specific jobs you need done.

2

Development teams need the freedom to choose new tools as needs and technology evolve.

DevOps is about constantly rethinking and optimizing your technology and processes, so you can do more. Software keeps evolving, and so should your tools.

An all-in-one product locks you in with rigid ways of working, often making it difficult and painful to update or change tools. And, because you're locked in, you can't adopt new technologies and practices until the vendor does.

To ensure you can quickly adapt to what's new and next, your solution should allow you to easily swap tools in and out.

> "Consider all the tools you select to be loosely coupled from one another so they can easily be composed to work with other toolchains. Choose best-of-breed tools and ensure that they integrate well with other best-of-breed tools."
>
> — Gartner, *How to Architect Continuous Delivery Pipelines for Cloud-Native Applications,* July 2019

3

Development teams need purpose-fit tools to get the job done, efficiently and effectively.

You and your team - as well as other teams in your organization - have preferred tools and ways of working that enable you to innovate and work quickly.

All-in-one solutions can't replace all the tools you've been using, all the tools you need for focus and flow. You need your chosen tools – not the ones that happen to be in an all-in-one-tool.

To meet your unique needs, you need freedom of choice in your tools – the right mix of legacy tools, tools from multiple vendors, tools you've already invested in and the latest and greatest tools.

4

Development teams need their tools to be holistically integrated.

Ripping and replacing an entire all-in-one toolchain to keep up with changing technology and process requirements can be very disruptive and expensive.

You need tools that can integrate into your environment quickly with minimal disruption to the way you work.

Your DevOps toolchain should also enable collaboration across teams through shared information and insights, helping developers work faster, easier and more productively.

Enterprise DevOps teams deserve a better caliber of tooling. CloudBees provides the industry's leading CI/CD solution, allowing you to choose the best-in-class tools you need to do what you do best: Build Stuff That Matters.

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