DEVELOCITY CASE STUDY

Applied Materials

Introduction

This case study of Applied Materials is based on a May 2023 survey of Develocity customers by TechValidate, a 3rd-party research service.

> " **"Good impact on performance."**

Challenges

Challenges experienced prior to implementing Develocity:

- Insufficient observability of analytics on build and test performance and regressions, failure trends, and productivity bottlenecks
- Cost impacts from an inefficient build and test process and tooling infrastructure

Use Case

Has utilized Develocity for more than 2 Years.

They have established a dedicated Developer Productivity Engineering team.

Experience with the following Develocity capabilities:

- Build Scan™: **Killer**
- Build Cache: **Killer**
- Performance and Failure Trends Dashboards: **Very Useful**

Results

The surveyed company achieved the following results with Develocity:

- Agreement with the statement below:
  - "Since integrating Develocity into our development process, the time savings we experienced on build and test cycle times have dramatically improved developer productivity.": Somewhat Agree

Level of agreement with the following statements:

- Develocity is a mission-critical component of our developer productivity strategy: **agree completely**
- Developer Productivity Engineering will become a de facto industry-standard software practice much like Agile and DevOps: **agree completely**
- Develocity scales well and will meet the service-level expectations of any enterprise-wide deployment: **agree completely**
- Develocity is an important enabling technology for our digital transformation strategy: **agree completely**
- After using the following Develocity tools, reduction in build and test cycle times:
  - Build Cache: **25-50%**

Company Profile

Company:
*Applied Materials *

Company Size:
Medium Enterprise

Industry:
Computer Software

About Develocity

Develocity speeds up your builds and tests, makes troubleshooting more efficient, and increases toolchain reliability, giving your developers back at least one day each week in lost productivity. Now supporting Maven, Bazel, sbt, and Gradle build systems.

Learn More:

⇱ Gradle

⇱ Develocity

Source: Boaz Nahum, Build/Release Engineer, Applied Materials