

Five reasons why Azure is the future of Devops

When it comes to **software development** and **automation**, very few SaaS platforms offer the degree of versatility and flexibility Azure does. Due to its vast infrastructure and a broad array of accessible options, it can accommodate pretty much any business, both large and small, no matter the industry. Below you can find a brief rundown of the most important features of **Azure DevOps Services**.

Azure Repos

Incredibly useful service that provides you with multiple GIT repositories, allowing a precise version control that will help you and your team collaborate more efficiently. It has an advanced system of code-aware semantic search which is invaluable when it comes to streamlining the work process. A wide choice of extensions will assist you in augmenting and customizing your code, and you will also be able to access any repository quickly and effortlessly with any kind of GIT-client or editor.

Azure Boards

Software development lifecycles can sometimes stretch for months and even years, so a comprehensive work-tracking system is a must for any team. Create customizable and scalable dashboards and backlogs to plan in advance and set the goals, which can be easily tracked and/or altered to suit the project's needs. With this instrument you will also be able to create infographics, which will make tracking the progress on the project even easier via visual representation.

Azure Pipelines

Pipelines grants you access to a continuous integration and delivery service, making code building and deployment **automation** easier than ever. You will have any environment, whether it be Windows, macOS or Linux, available to you at any given moment. This cloud-based system makes testing new builds fast and simple.

Azure Test Plans

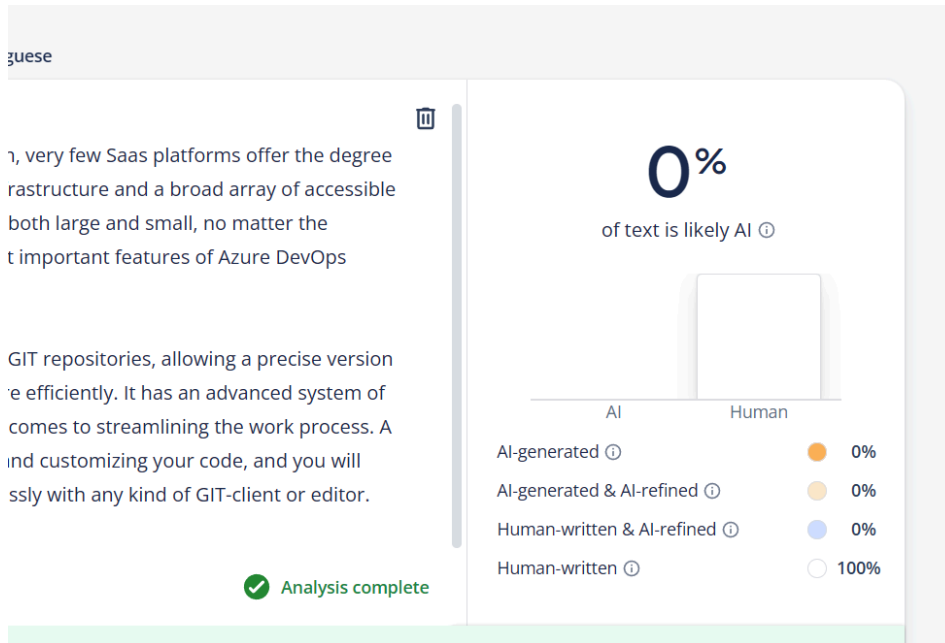
A comprehensive toolkit for code testing. By running regular planned tests, which can be done both manually and automatically, you will be able to maintain consistent quality throughout the product's development and beyond. Perform exploratory testing to really iron out any possible rough edges and trace the progress based on illustrative diagrams and charts.

Azure Artifacts

Artifacts is yet another powerful tool that brings package management to new levels. It adds on top of your established CI/CD pipeline and supports all the most popular package feeds, such

as Maven, Rust, Python, NuGet, etc. Regardless of how big or small your team is, share code quickly and securely among all members for effective collaboration.

Azure Devops Services is an extremely helpful all-in-one solution for those who don't wanna fiddle with unreliable third-party addons. Cross-platform and cross-cloud compatibility makes it ideal for projects of various kinds and scope. Microsoft-hosted agents will help you to integrate your project seamlessly and begin work immediately, and nuanced security settings will always keep your work safe.



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