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Docker Navigator: Kickstart 2025 with AI, Security, and Empowered Developer Teams

Issue #0013 by Rikki Endsley   Jan 16, 2025

Stay in the know

Stay up to date on the latest Docker news, opinions and tools.

Docker Desktop 4.27: Synchronized File Shares, Docker Init GA, Private Extensions Marketplace, Moby 25, Support for Testcontainers with ECI, Docker Build Cloud, and Docker Debug Beta

Learn about new features in Docker Desktop 4.27, including synchronized file shares, collaboration enhancements in Docker Build Cloud, and Docker Debug Beta release.

Read more

Introducing Docker Build Cloud: A New Solution to Speed Up Build Times and Improve Developer Productivity

Docker Build Cloud is now generally available. Learn more about the benefits of Docker Build Cloud and see how to get started.

Read more

Welcome to the January 2025 edition of Docker Navigator. Missed an issue? Read past issues in our collection.

As we step into 2025, we're taking a look back at the highlights that shaped Docker's journey last year — from AI-powered tools to enhanced security and developer workflows. This month, we're also diving into solutions for key software engineering challenges, tips to supercharge your builds, and guides to modernize your applications. Start the new year strong with the latest from Docker!

Docker 2024 highlights: Innovations in AI, security, and empowering development teams

Take a look back at Docker's big moments of 2024 — from game-changing AI integrations to enhanced security and developer tools that made building and shipping apps faster than ever. See how Docker's innovations are shaping the future of development.

The new Model Context Protocol: Simplifying building AI apps with Anthropic Claude Desktop and Docker

Discover how Docker streamlines AI app development by containerizing Anthropic's Model Context Protocol (MCP), enabling seamless integration of external data and tools into LLM applications.

Tackle these common software engineering challenges to boost efficiency with Docker

Explore the top most common software engineering challenges and how Docker's tools streamline the inner loop of cloud-native workflows.
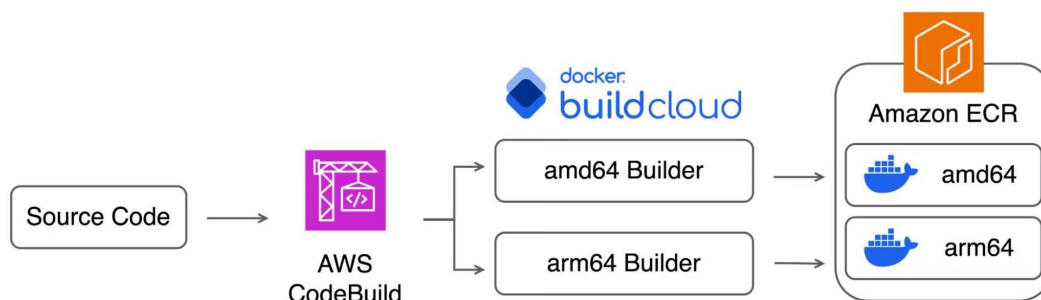
Docker News

Docker Desktop 4.37: AI Catalog and command-line efficiency

Docker Desktop 4.37 streamlines AI-driven development with the new AI Catalog integration, command-line management capabilities, upgraded components, and enhanced stability to empower modern developers.

Dive deep

Accelerate your Docker builds using AWS CodeBuild and Docker Build Cloud

Learn how integrating Docker Build Cloud into a CI/CD pipeline using AWS CodeBuild can dramatically reduce build times and improve release frequency.

How to dockerize a React app: A step-by-step guide for developers

We show how to dockerize a React app to streamline your development process, eliminate "it works on my machine" problems, and ensure seamless deployments.

How to create and use an AI Git agent

We show how to create an AI Git agent and use it to understand PR branches for a variety of user personas — without needing to know the ins and outs of Git.

How AI assistants can decode GitHub repos for UI writers

Exploring AI-assisted tools for UI writers, we demonstrate how to enhance GitHub PR review workflows to identify user-facing text changes, and offer a step-by-step guide and insights into leveraging LLMs effectively.

From legacy to cloud-native: How Docker simplifies complexity and boosts developer productivity

Learn how the Docker suite of products — including Docker Desktop, Docker Scout, and Docker Hub — helps you accelerate development, modernize legacy applications, and work more efficiently and securely.

Building trust into your software with verified components

Enhance your software's security by incorporating Docker's verified components, ensuring a trusted foundation for your applications.

Around the Community

Check out the Docker Forums

On the Docker Forums, you can find interesting topics, post an idea, and engage with the Docker developer community.

Recent topics include:

- An active discussion thread about how DNS resolution works in Docker and what difference Docker Compose makes. This topic started as discussion about network priorities, but shows that when enough details are shared, the community continues searching for the best solution.
- Another active topic was about "accessing multiple containers via HTTPs" in which the community also provided suggestions about how Docker could be used together with virtual machines.

Skill Up with Docker Live Training

Live training

Join us for a live session with a Docker expert! Each session includes a post-training Q&A, where you can get support on specific troubleshooting questions. Check out the available live trainings on our site, where you can find offerings for developers and administrators.

All of our onboarding and enablement sessions are live each month, so if you can't make it this month, you can join us the following month.

Can't make it to a live session? Watch our latest recorded training videos at your convenience.

Questions? Reach the customer success team at successteam@docker.com.

That's a Wrap

Thank you for reading Docker Navigator! If you enjoyed this issue, please share it with your friends and tell them to subscribe now.

Got any feedback or suggestions for our next issue? Send comments to newsletter@docker.com.

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Docker Desktop

Docker Hub

Docker Scout

Docker Build Cloud

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Interface

IDE Extensions

Container Runtime

Docker Extensions

Trusted Open
Source Content

Secure Software
Supply Chain

Developers

Documentation

Getting Started

Trainings

Extensions SDK

Community

Open Source

Preview Program

Pricing

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