

# Docker Desktop Enterprise

The fastest, easiest and most secure way to build containerized applications.

## Description

Docker Desktop Enterprise, part of Docker Enterprise 3.0, extends the Docker Enterprise Platform to developers' desktops for higher velocity development and delivery of modern container applications. Docker Desktop Enterprise is everything a developer needs for building modern enterprise, production-ready applications in their local environment.

## Key Features and Benefits

### Comprehensive Local Container App Development

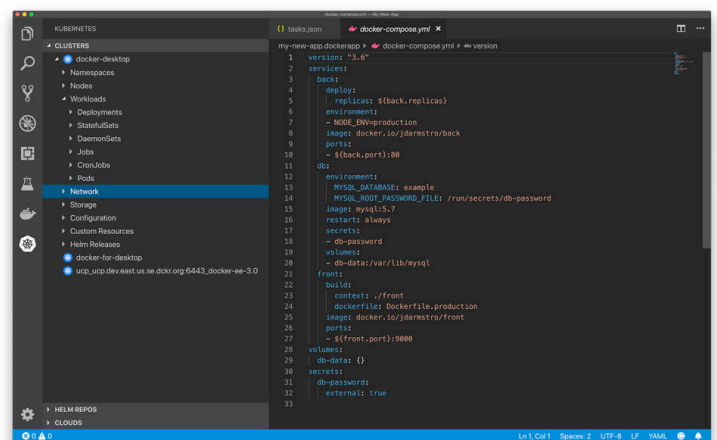
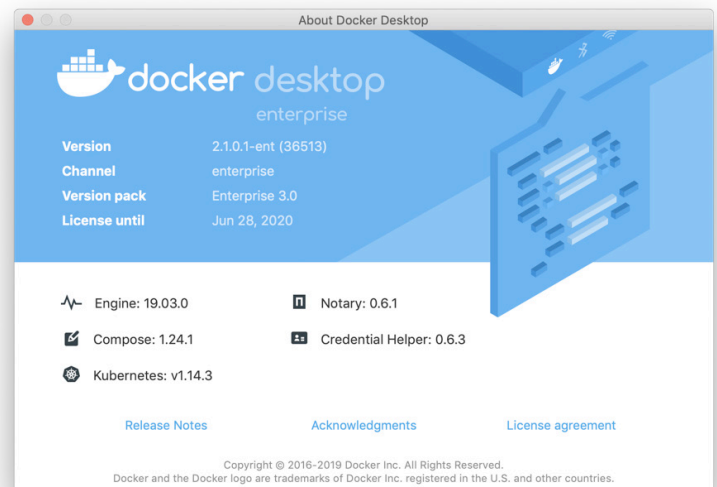
Docker Desktop Enterprise integrates with developers' normal workflows, speeding up code and test cycles, enhancing collaboration, and enabling rapid innovation.

- Local development, testing, and building of Docker applications on Mac and Windows
- Developers work with any framework, language, and IDE of choice without requiring deep Docker expertise
- Intuitive and integrated with the native OS framework, networking, and filesystem
- Customized development environment administrative control
- Build and test Linux and Windows applications and easily share them with others

### Local Certified Docker Kubernetes Service (DKS)

DKS is a certified Kubernetes distribution that integrates Kubernetes from the developer desktop to production servers, with sensible secure defaults out-of-the-box.

- Includes local standalone Kubernetes server for testing application deployments
- Easy, single click access to both Swarm and Kubernetes
- With Version Packs, development Kubernetes environments can be kept in sync with production
- Includes a Docker CLI plugin to simplify Docker cluster operations





#### Choose a template

Choose from a set of preconfigured applications.



#### Custom application

Create an application to define custom services.

## Docker Apps and Application Designer to Accelerate Delivery

Streamline DevOps practices with tools to package your organization's standards and approved frameworks into shareable, easy-to-use templates. Docker Apps and Application Designer tooling facilitate the packaging, installing, and managing of containers and multi-service applications as a shareable package. Docker Apps extend the functionality of Docker Compose and can be stored in Docker Hub and Docker Trusted Registry.

- Based on open standard Cloud-Native Application Bundle (CNAB)
- Easily package application descriptions, components and parameters into a single shareable unit (as either a file or directory).
- Application Designer quickly creates new Docker Apps with a customizable library of templates
- Push any application to the Docker Hub or Trusted Registry
- Interact with the Docker App CLI plugin (experimental)

## Share and Reuse Docker Application Templates

Get developers up and running in minutes instead of days by leveraging customizable application templates that follow organization standards. Free developers from debugging configurations and dependencies to allow them to focus on code.

- Template-based workflows for creating containerized applications – no Docker CLI commands are required to get started
- An application template definition contains metadata that describes an application template
- Push to Docker Hub, Docker Trusted Registry and share the application definition

## Version Packs to Keep Local and Production In-sync

Version Packs keep your local Docker and Kubernetes versions in lock-step with production systems, eliminating “works on my machine” problems once and for all.

- Ensure the local instance of Docker Desktop Enterprise is a precise copy of the production environment
- Easily switch between versions of Docker engine and Kubernetes with a single click

## Customize and Administer Developer Environments in Standard Formats

Easily manage, secure, and centrally administer deployments, upgrades, and configurations.

- Docker Desktop Enterprise installer is available as standard MSI (Win) and PKG (Mac)
- Easily script installations for many developer desktops
- Admin configuration file for customizing and standardizing the environment across the organization

## Scalable Onboarding with Certified Docker

Docker reference architectures, solution guides, Docker training, Docker certification and technical support.



	Desktop Community	Desktop Enterprise
<b>Simplest Path to Container-based Development</b>		
Latest Docker Engine based on containerd	✓	✓
Certified Kubernetes	✓	✓
Available for Windows 10 and macOS	✓	✓
Develop in any language or framework, even multiple version simultaneously	✓	✓
Docker App CLI plugin (experimental)	✓	✓
<b>Production-Ready App Development</b>		
Same interface and commands shared by developers and production	✓	✓
Application Designer interface to simplify creating & developing Docker applications		✓
Choose Docker Engine and Kubernetes versions to match Docker Enterprise		✓
<b>IT Manageability</b>		
Maintain and distribute across teams with standard MSI/PKG packages		✓
Selectable configuration restrictions		✓
Customizable application templates		✓
Technical Support SLA		✓

## Get Started with Docker Desktop Enterprise

[www.docker.com/get-started](http://www.docker.com/get-started)