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# Understanding Docker And Using It For Selenium Automation

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Docker overview. Docker is an open platform for developing, shipping, and running applications. Docker enables you to separate your applications from your infrastructure so you can deliver software quickly. With Docker, you can manage your infrastructure in the same ways you manage your applications.

### **A Beginner-Friendly Introduction to Containers, VMs and Docker**

In simpler words, Docker is a tool that allows developers, sys-admins etc. to easily deploy their applications in a sandbox (called containers) to run on the host operating system i.e. Linux. The key benefit of Docker is that it allows users to package an application with all of its dependencies into a standardized unit for software development.

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Docker is a containerization platform that packages the application and its dependencies together inside a container so that the application works seamlessly in any environment, be it Development, Staging, or Production. It is a tool designed to make it easier to create, deploy, and run applications by using containers.

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Description. After completion of this course you will know and understand how to implement, use and manage Docker. Additionally, you should be able to: Introduce Docker and state its benefit over VM, Get a brief idea about Architecture of Docker and various terminology associated with it, Run Hello World in Docker, Describe what is Container in Docker, why to use it, and its various scopes, Create, start, stop and remove containers, Share, copy, and backup your data running in a container.

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