




Dockerizing MuleSoft ESB

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Dockerizing MuleSoft ESB

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 August 3, 2015

 by Govind Mulinti

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Today in IT industry, everyone expects that the environment in which we test the application should be similar to the final deployment environment as possible, if not identical.

This can be achieved by automating the deployment using Docker.

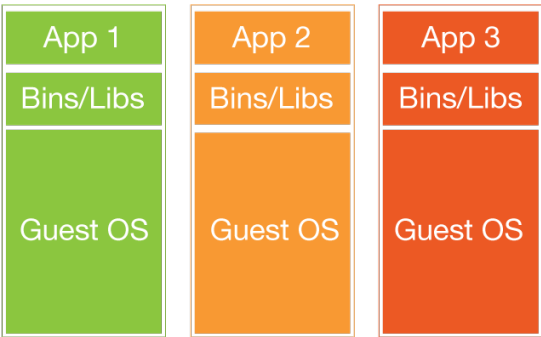
In this blog, we would discuss about docker and how it can be used to create a container and deploy Mule instances. We would also notice that it can be easy to repeat the same with no additional effort.

What is Docker (<https://docs.docker.com/>)

Docker allows us to package an application with all of its dependencies into a standardised unit for software development. Docker containers are based on open standards allowing containers to run on all major Linux distributions and Microsoft operating systems with support for every infrastructure. Docker containers wraps up a piece of software in a complete file system that contains everything it needs to run: code, runtime, system tools, system libraries – anything that can install on a server. This guarantees that it would always run the same, regardless of the environment.

Now how is it different from virtual machines ?

Each virtual machines includes the application, the necessary binaries and libraries and an entire guest operating system – all of which may be tens of GB's in size. If we need 10 instances of MuleSoft ESB, then we would have to replicate the complete set up including the operating system for each instance.



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