

Getting started with Dev Containers in VS Code



```
PS C:\> Get-Speaker
```

```
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Agenda

- Introduction
 - Docker & containers
 - What challenge does development containers solve?
- Demos

Development environments

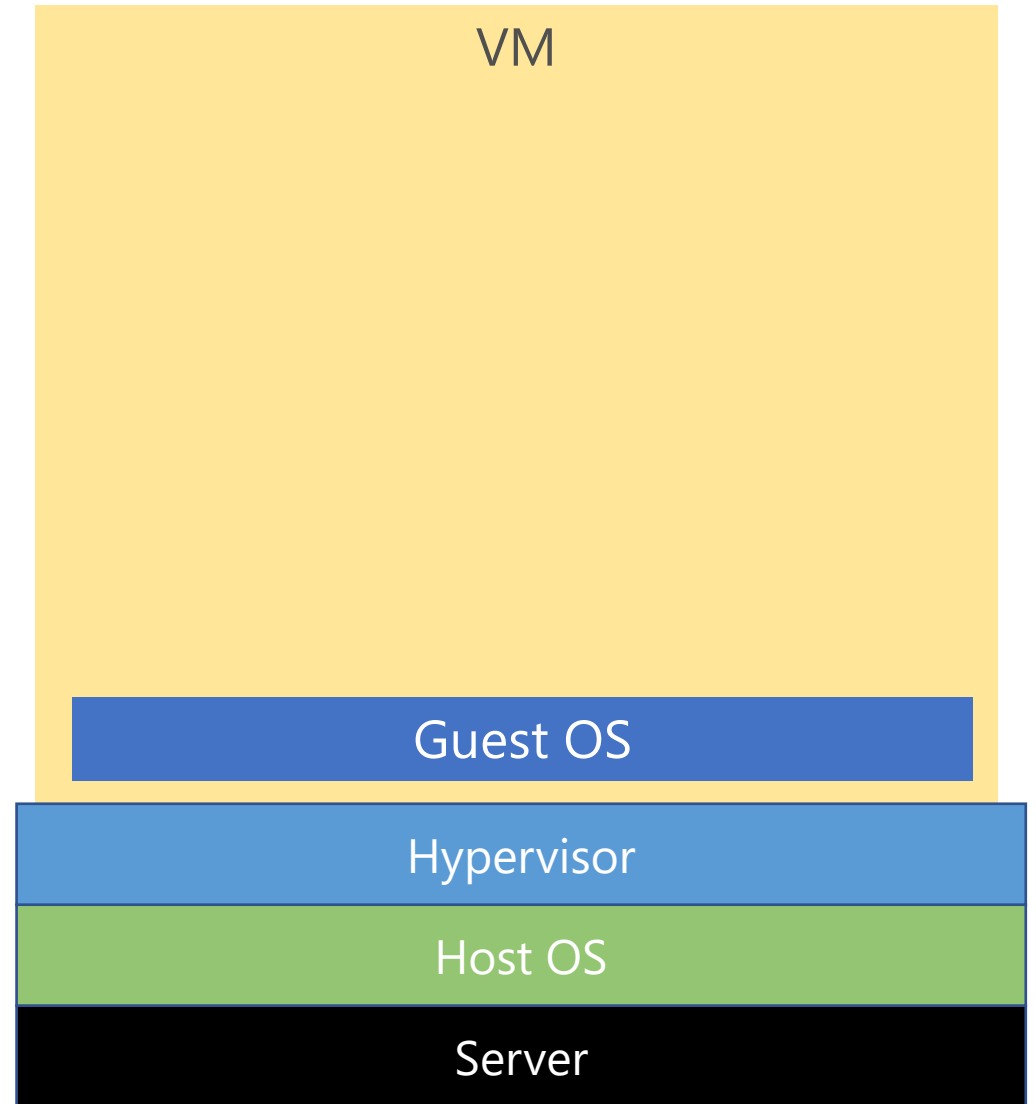
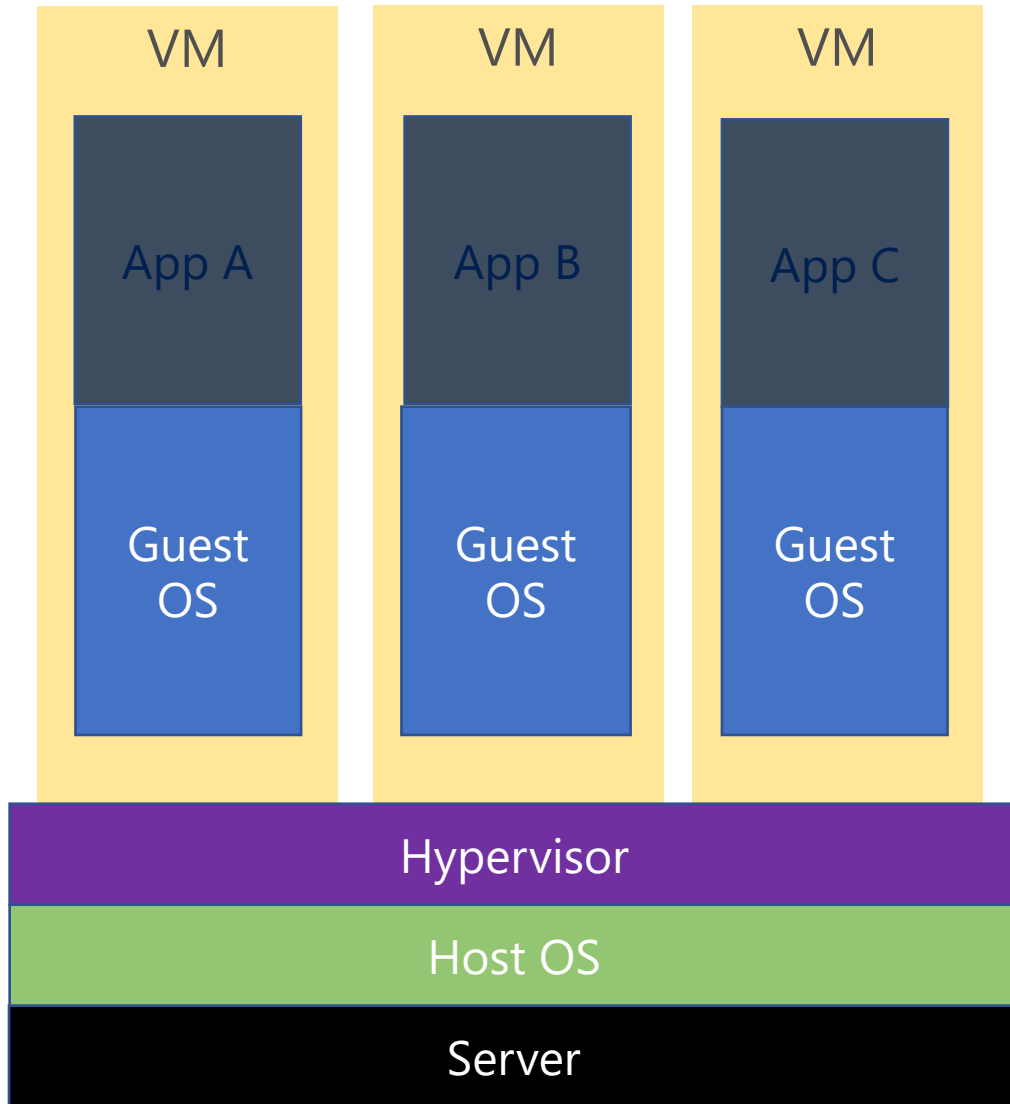
- VS Code extensions
- PowerShell version x.x
 - Module X version x.x
- Terraform version x.x
- Azure Bicep version x.x
- Azure CLI version x.x
- Other tools
 - Linting

Goals

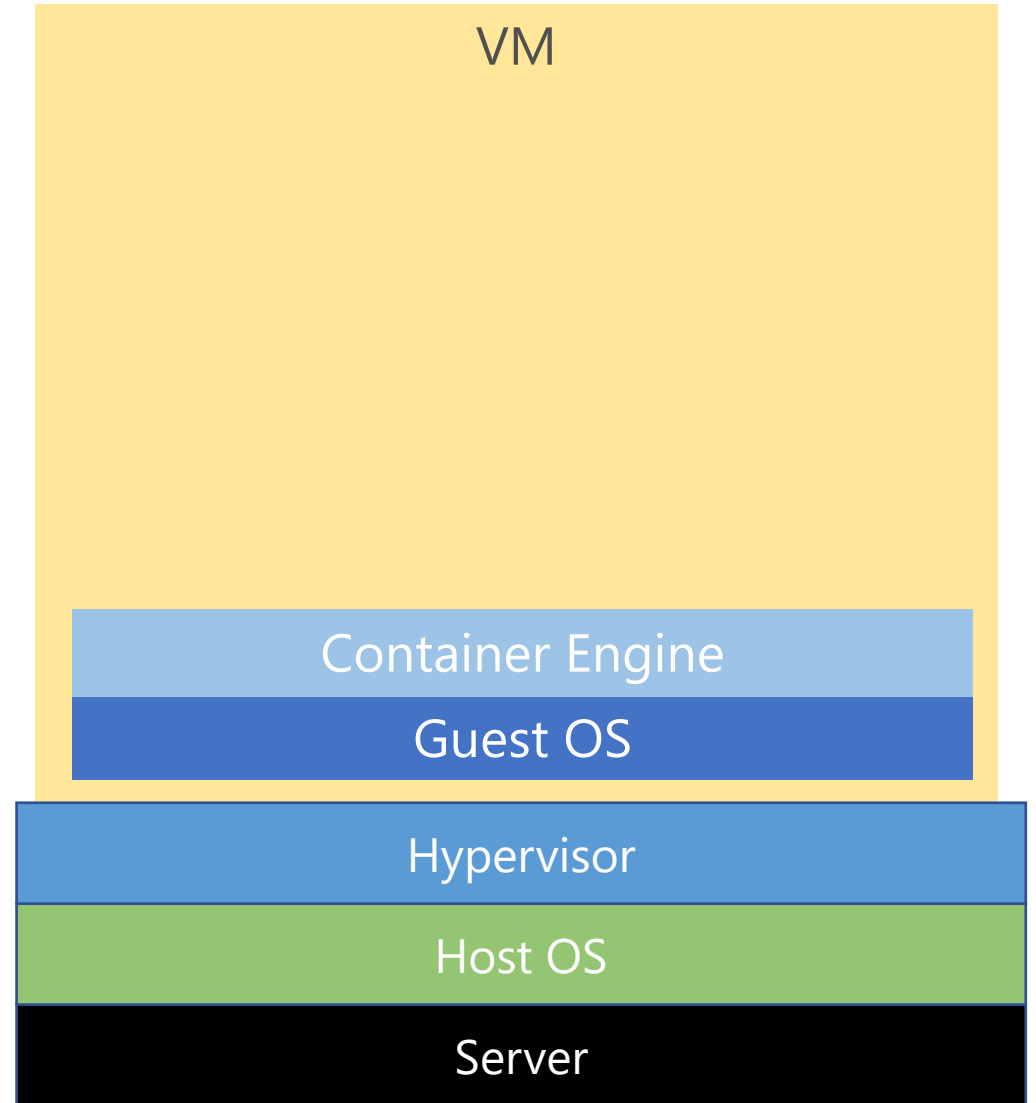
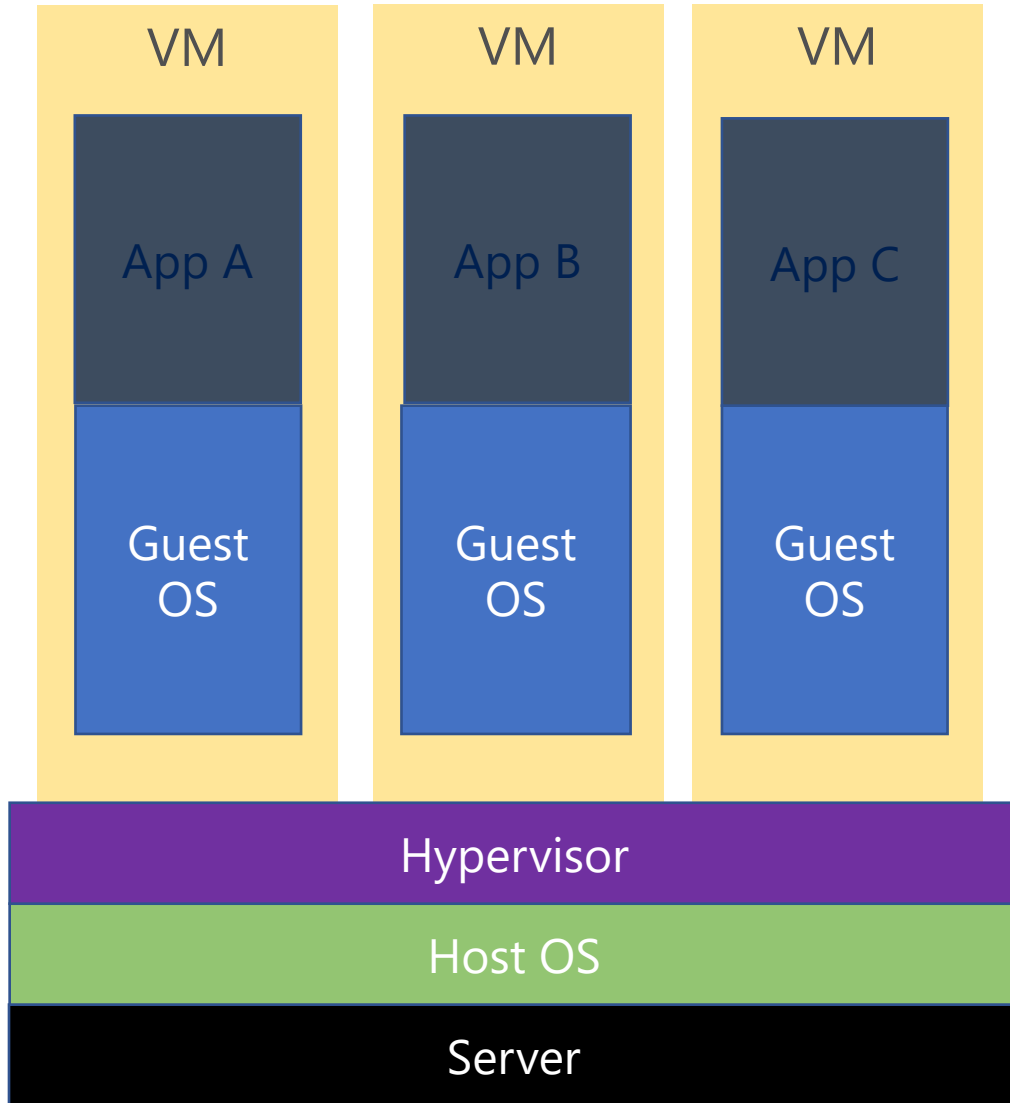
- Isolation
- Standardized format describing the environment
- Easy to share across team/project members
- This sounds familiar...is it an already solved problem?



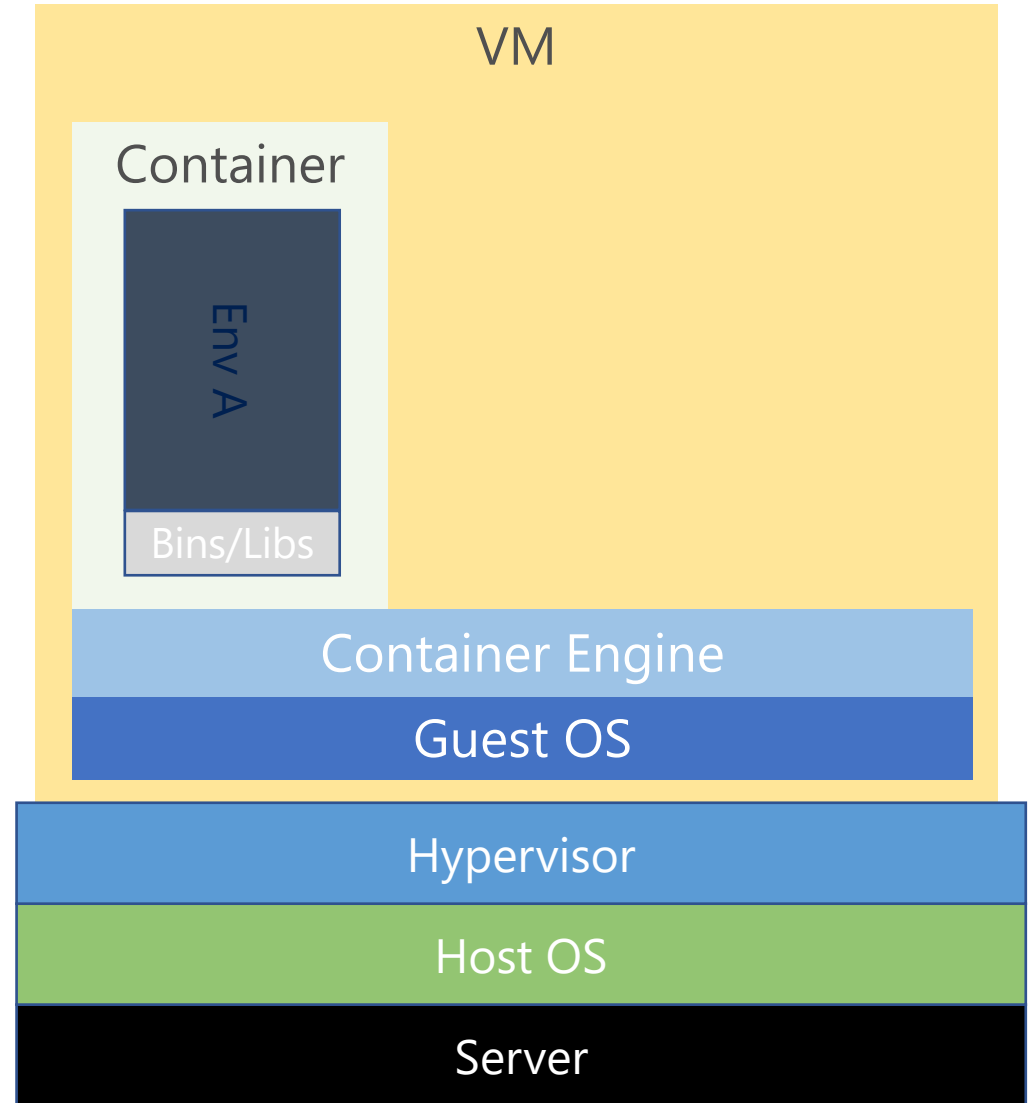
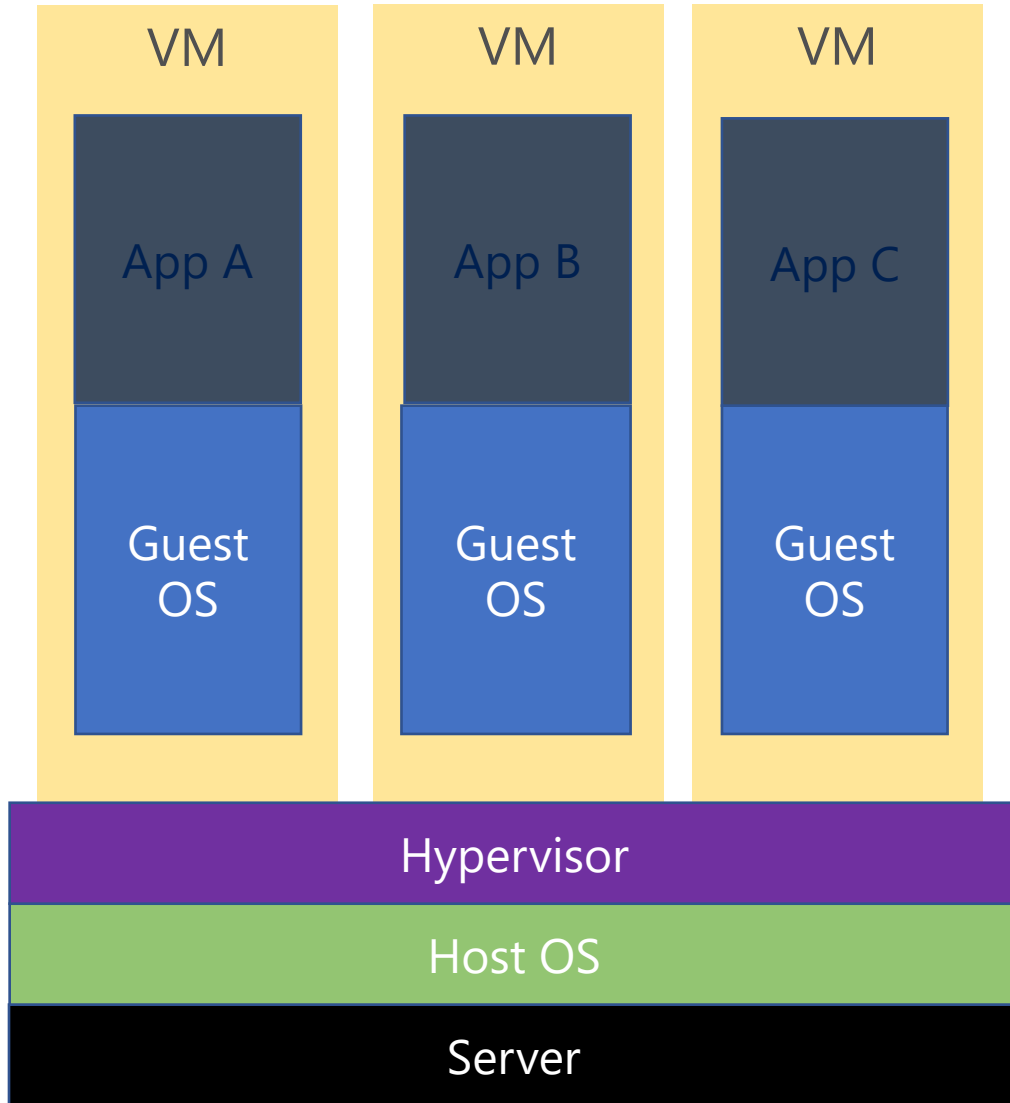
What is a Container?



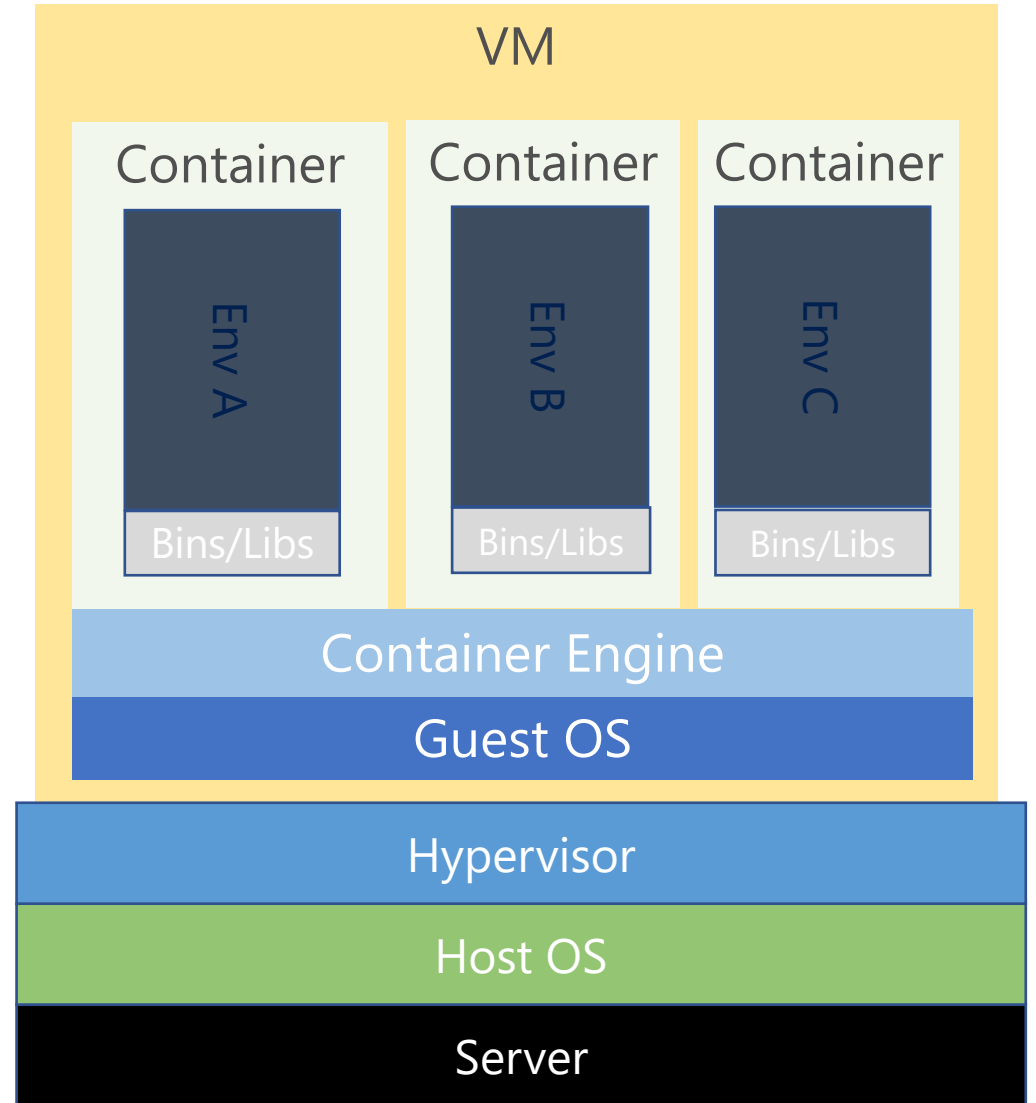
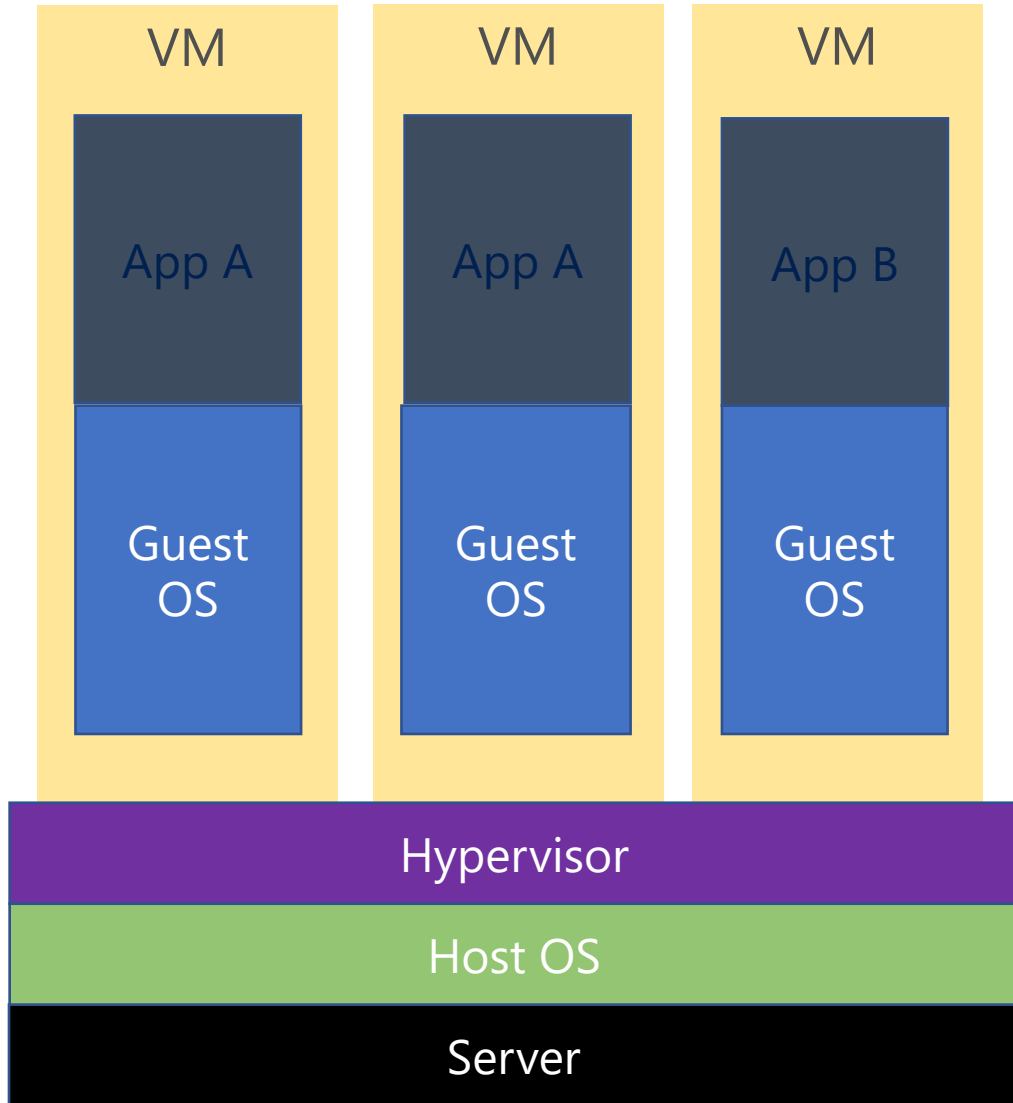
What is a Container?



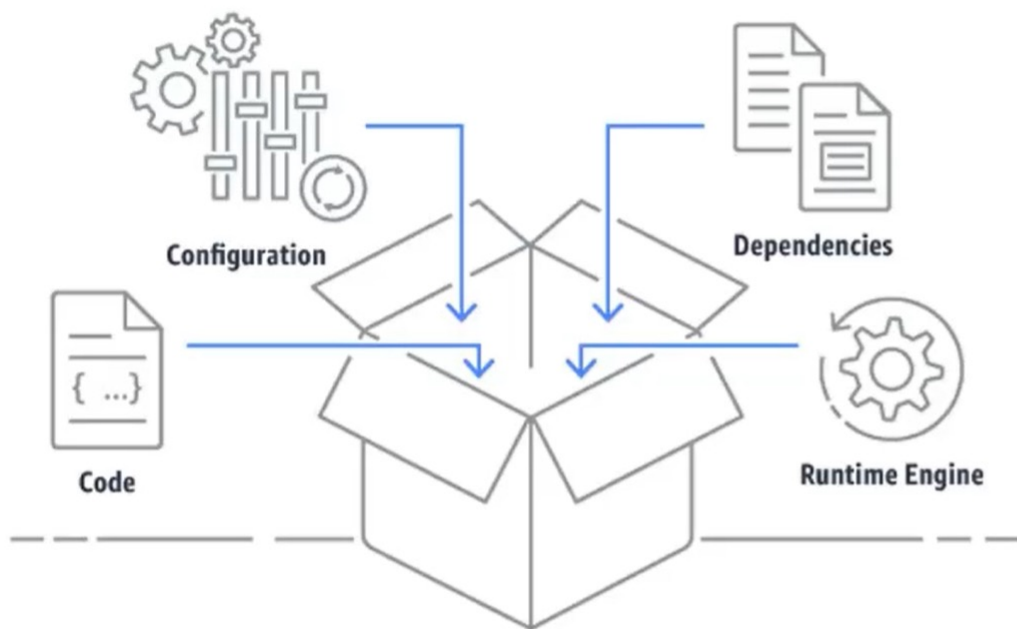
What is a Container?



What is a Container?



What is a container?



Container solutions provide a standard way to package your application's code, configurations, and dependencies into a single object.

Images

Is what you package your application and its environment into

Registries

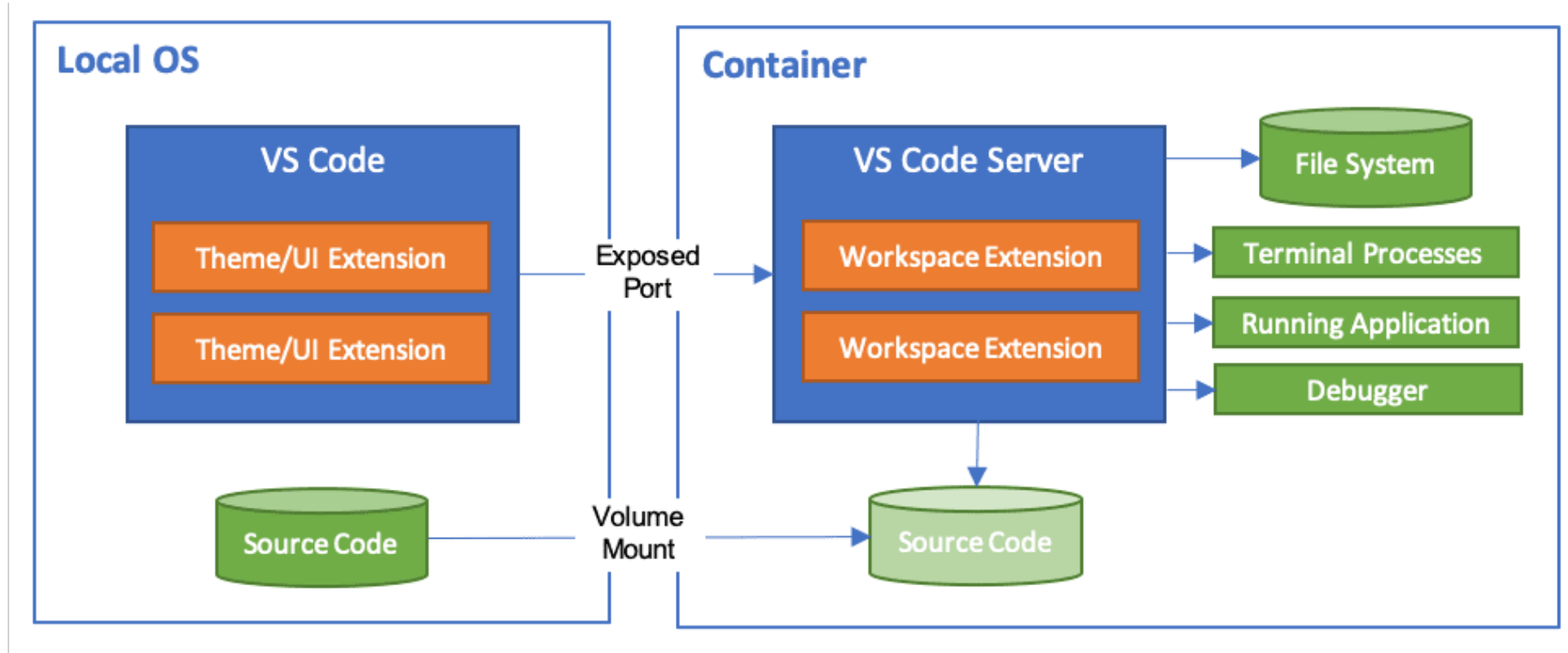
Is a repository that stores your images and allows sharing images between different people and machines

Container

Is a process running on the host running docker, but it is “completely” isolated from the host and other processes.

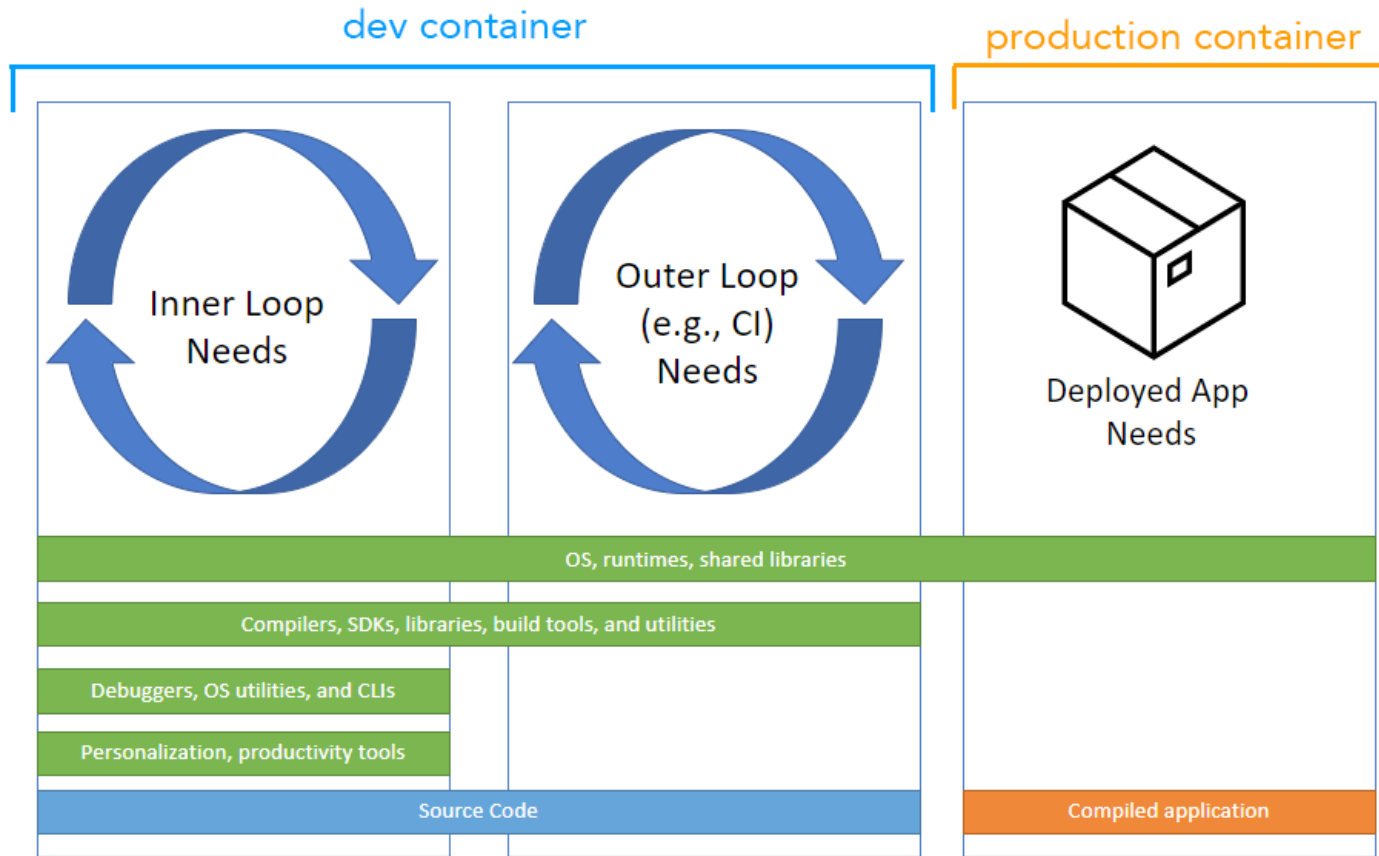
VS Code extension

- Development containers



Demo time

Further use cases



- Pre-building dev container images

Resources

- Official documentation
 - [Developing inside a Container using Visual Studio Code Remote Development](#)
- Article on dev.to by Jan Egil Ring covering the content of this session
 - [How To Get Started with VS Code Development containers - DEV Community](#) 
- Demos and slides
 - github.com/JanEgilRing/Presentations

Q&A

Thank you for your time

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