Running Databases in Containers
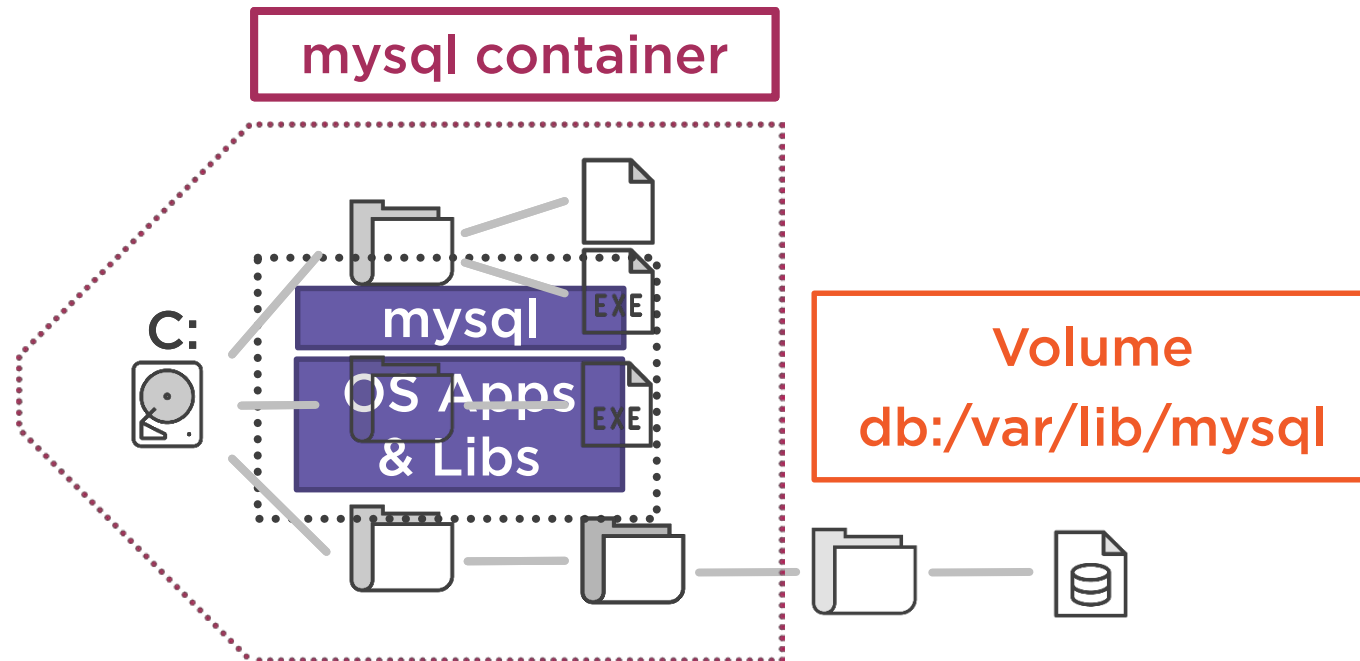
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Docker Managed Data Volumes

mysql container

mysql

OS Apps & Libs

C:

**Volume
db:/var/lib/mysql**

Key Takeaways

Two Volume Types
- From host file system (bind-mount)
- Managed volume

Volumes
- Bypass UnionFS
- Independent lifespan
- Not part of images!

Read heavy data in images

Write heavy data in volumes (DB)
- Especially memory-mapped files