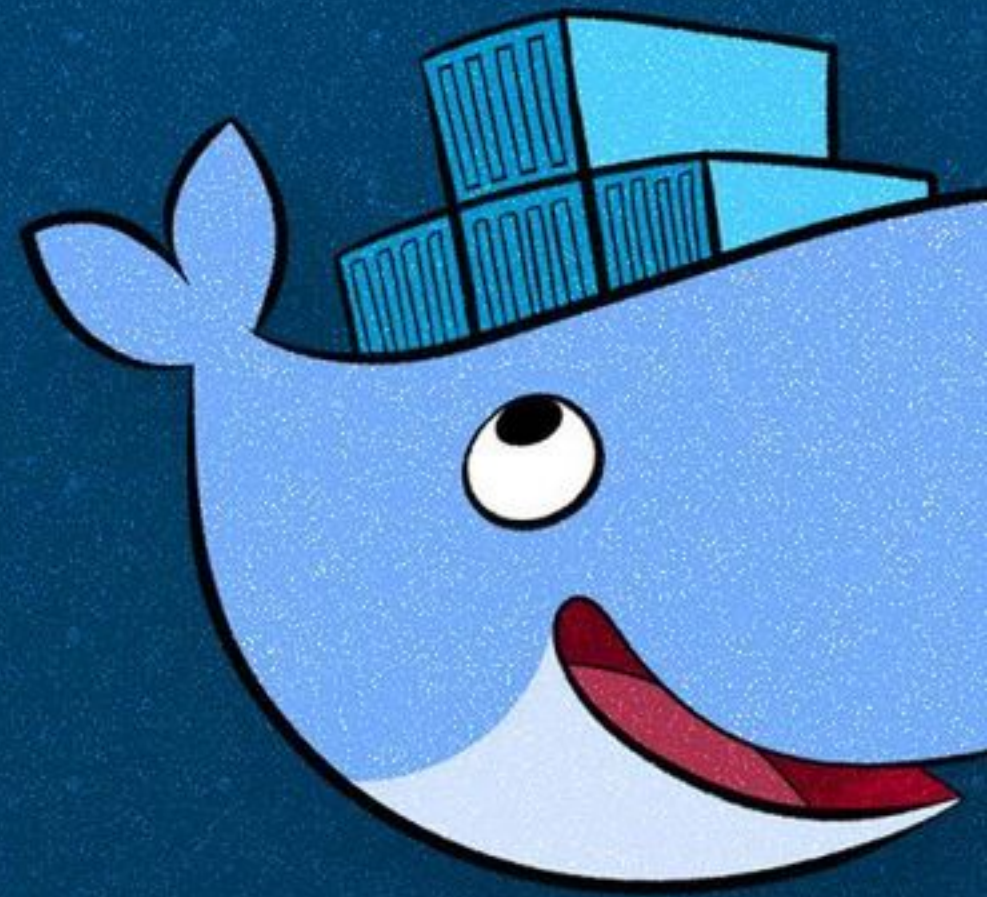




**Russ**  
@russcodes

What  
the f\*ck is  
Docker?







**Russ**

@russcodes

*Imagine you have  
**three different** Python  
apps that you want to  
host on a **single server**.*



*Each of these apps  
uses **different**:*

👉 *Libraries*

👉 *Dependencies*

👉 *Python version*



04

*We **can't** have all  
three Python versions  
on **the same** machine.*

*Aaand, that's  
the problem...*



05

*So, which solution is more **cost-effective**?*

**A**

Buy three physical servers

**B**

One powerful server to host and run 3 machines



06

*Both are possible but  
**second** one is correct*



Buy three physical servers



One powerful server to  
host and run 3 machines





## *That's why Docker is so important today.*

It virtualizes the OS of the host  
on which it is running rather than  
the hardware components.



*It creates a separate **container** for each hosted application.*

*Thus, **multiple** apps on the same server are possible.*

---



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