

**IBM**

# Migrating a monolith to Cloud-Native and the stumbling blocks that you don't know about

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**What is AsgharLabs?**

**What AsgharLabs thought they needed  
to do.**

**Where I came into the conversation to  
help AsgharLabs.**

**Questions you should ask after getting  
your app containerized**

**Who containerized your app?**

**Why did you containerize your app?**

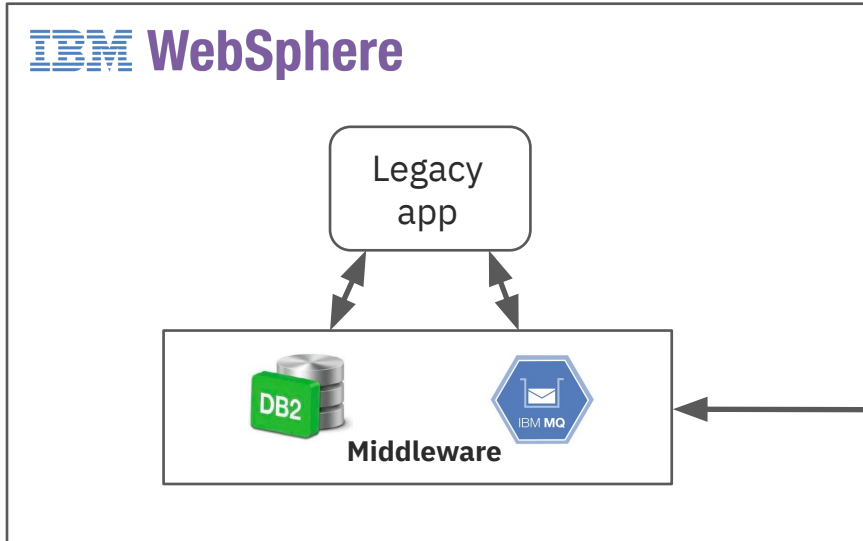


**Where did you deploy or plan on  
deploying you containerize app?**

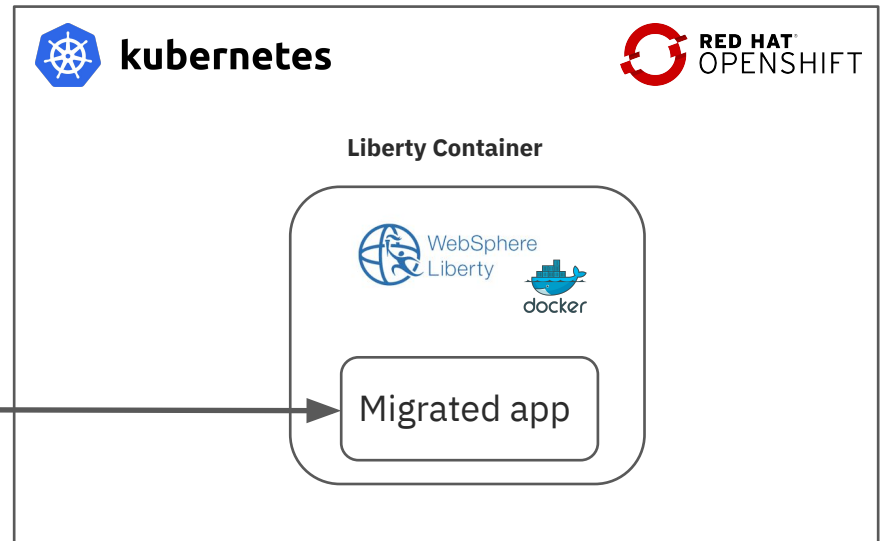
**What did we actually containerize?**

# Replatform example

Before

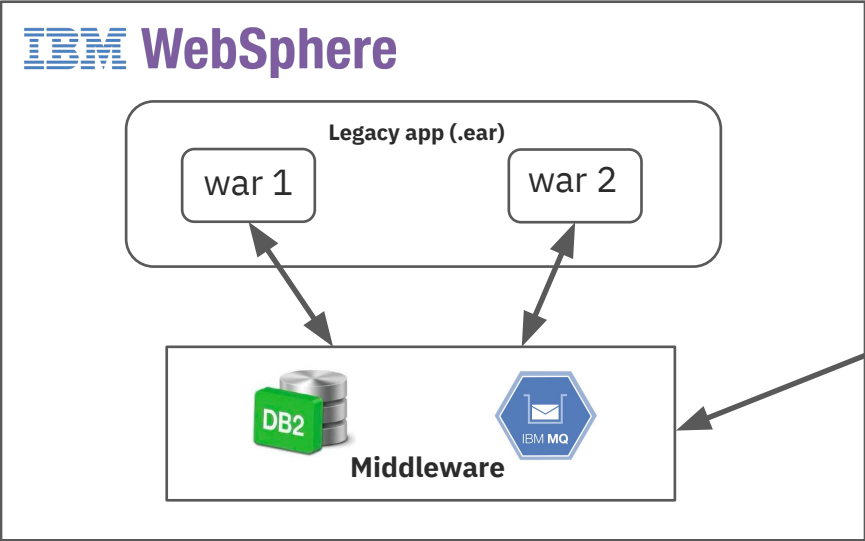


After

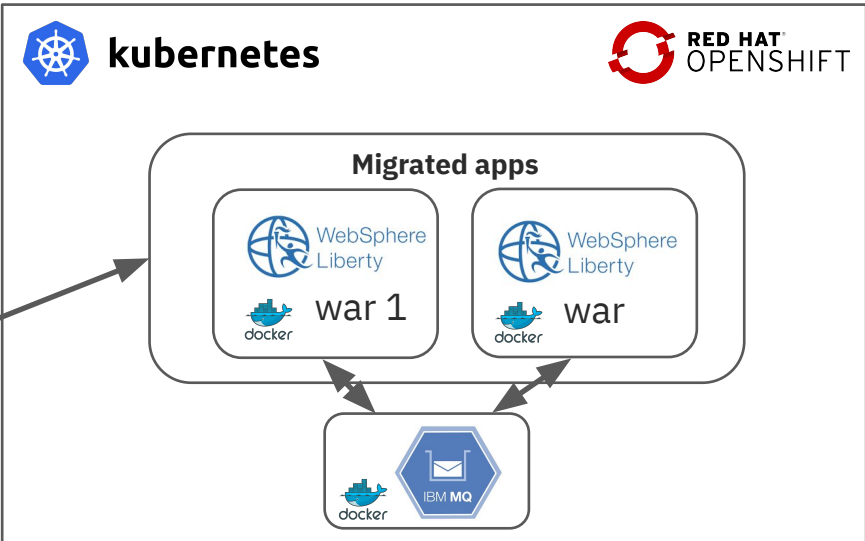


# Repackage to microservices

Before

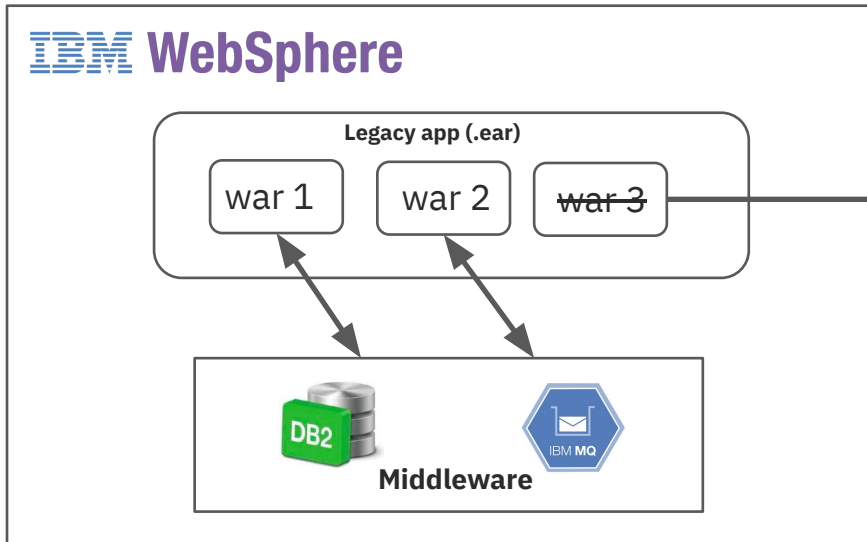


After

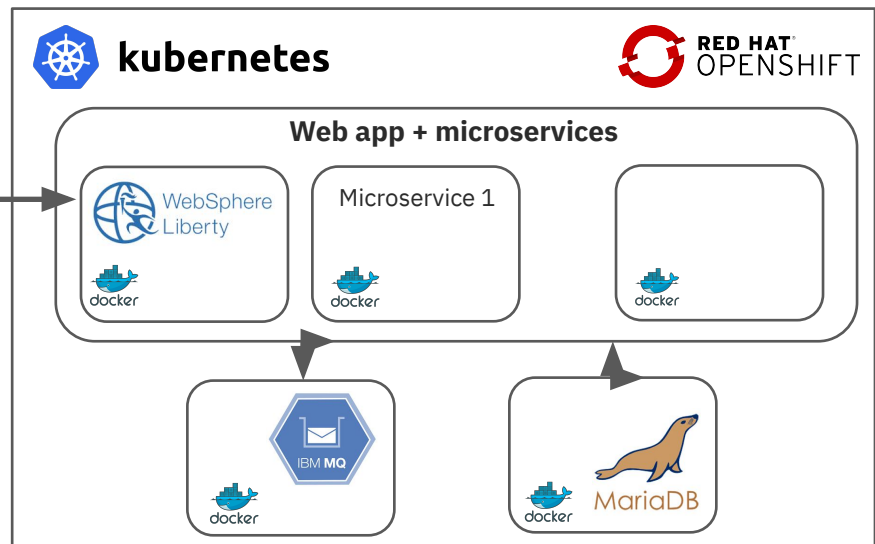


# Refactor using the strangler pattern

Before



After



**Where are the architectural advantages  
and disadvantages?**

**What do you mean our goal is to move  
away from the CCB?**

**Are we doubling up on things?**



**Isn't automation good here?**

**Why is this thing so complicated now?**

*You had a ornery bull mastiff,  
now you have 13 yipping  
chihuahuas - Robb Kidd*



DevOpsDays Singapore  
@devopsdaysSG



"We replaced our monolith with microservices and every outage is now like a murder mystery" - Ken Mugrage  
[#DevOpsDays](#) [@kmugrage](#)



10:45 PM · Oct 10, 2018 · TweetDeck

Too true not to be ignored.

**Questions you should ask about the  
cultural shift that will happen**

**Build that pipeline.**

**Learn to collaborate with other teams.**

**Visibility and Monitoring.**

**How do economics of the Cloud can differ from your data center?**



**What do you mean our support is now  
Stack Overflow?**

**Some tangible things you can start with  
to help become more successful.**

Conclusion and where you *ideally* can  
go from here.

*You wouldn't use a saw when  
you needed a hammer, or a  
hammer when you needed a  
saw, right? - Thomas Cate*

**Thank you!**

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