

RED HAT  
**SUMMIT**

# **S102322 - Unleash innovation with Red Hat Cloud Management and Modern App Development**

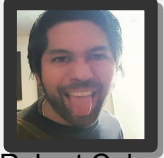
A practical example (aka Demo time!)

Mauricio "Maltron" Leal, Pablo Szuster, Robert Calva, Vagner Farias

**LATAM Tech Office**

May/2017

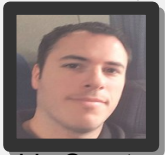
# Who we are



Robert Calva  
Management



"Maltron"  
OpenShift



Pablo Szuster  
Integration



Vagner Farias  
OpenStack

- LATAM Technology Office
- Emerging Technologies
- Support Red Hatters, Customers, Partners
- LATAM Red Hat Forum

# Travel Booking App



- Booking to several cities in Latin America
- Including Car, Hotel, Flight
- **In certain conditions, you might get a discount !!!**

# Digital Transformation Requires Evolution



## APPLICATIONS

New ways of developing, delivering, and integrating applications



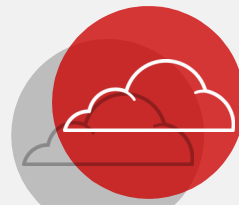
## PLATFORM

Modernize existing and build new cloud-based infrastructure



## PROCESS

More agile process across both IT and the business



**PLATFORM**

**Administration  
Monitoring**



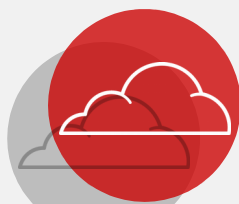
**Automation**

**Container Platform**

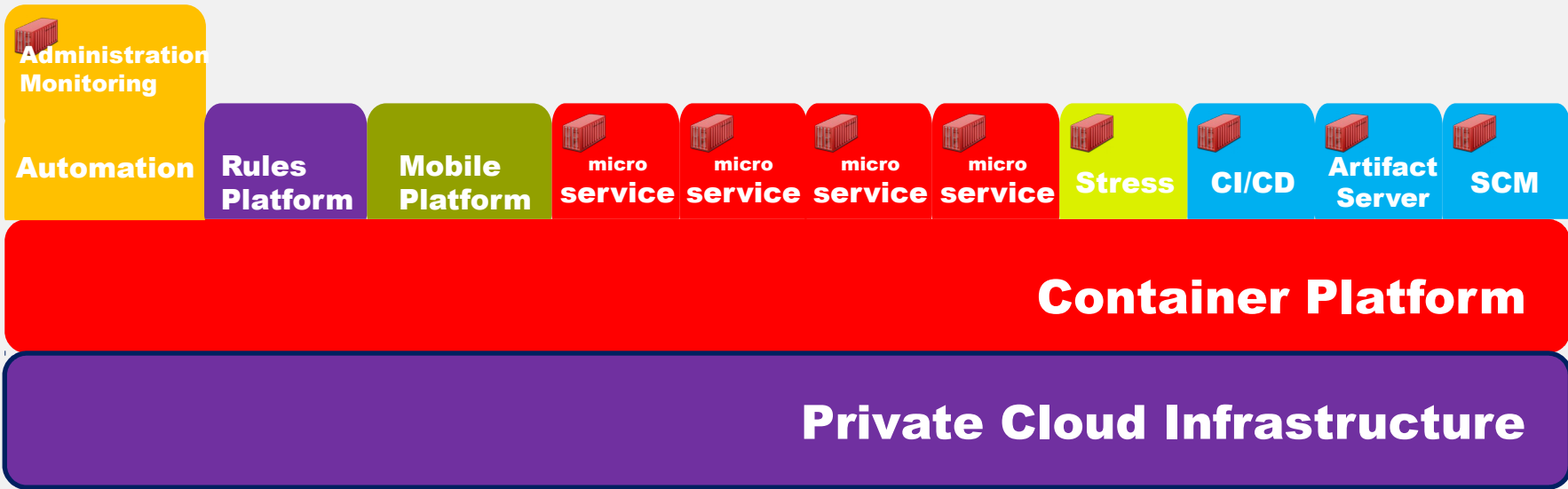
**Private Cloud Infrastructure**



**APPLICATIONS**



**PLATFORM**





**APPLICATIONS**



**PLATFORM**

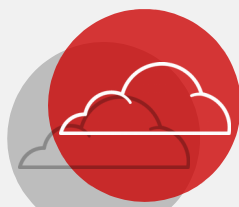


**PROCESS**





**APPLICATONS**



**PLATFORM**



**PROCESS**

**Red Hat**  
CloudForms



**Tower**

**Red Hat**  
Business  
Central

**Red Hat**  
Mobile



**Fuse**



**Hotels**



**Flights**



**Cars**



**Locust**



**Jenkins**



**Nexus**



**Gogs**



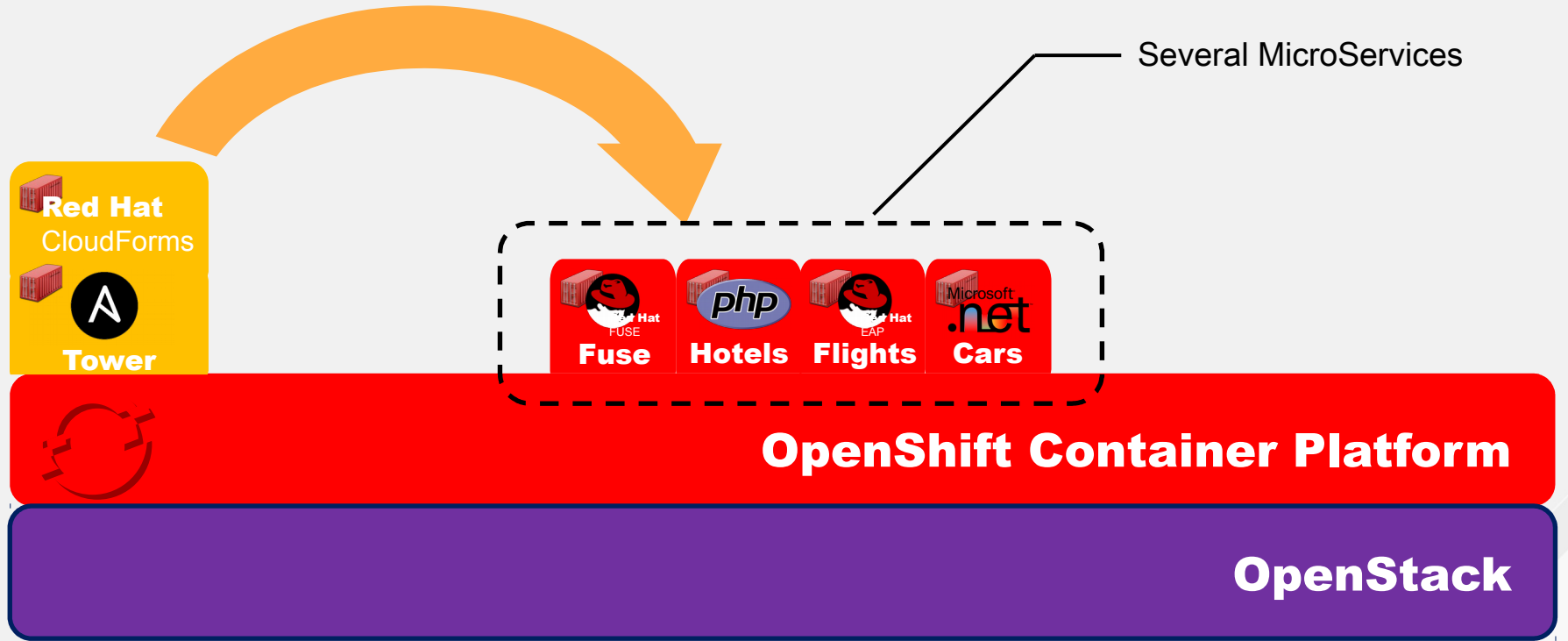
**OpenShift Container Platform**

**OpenStack**

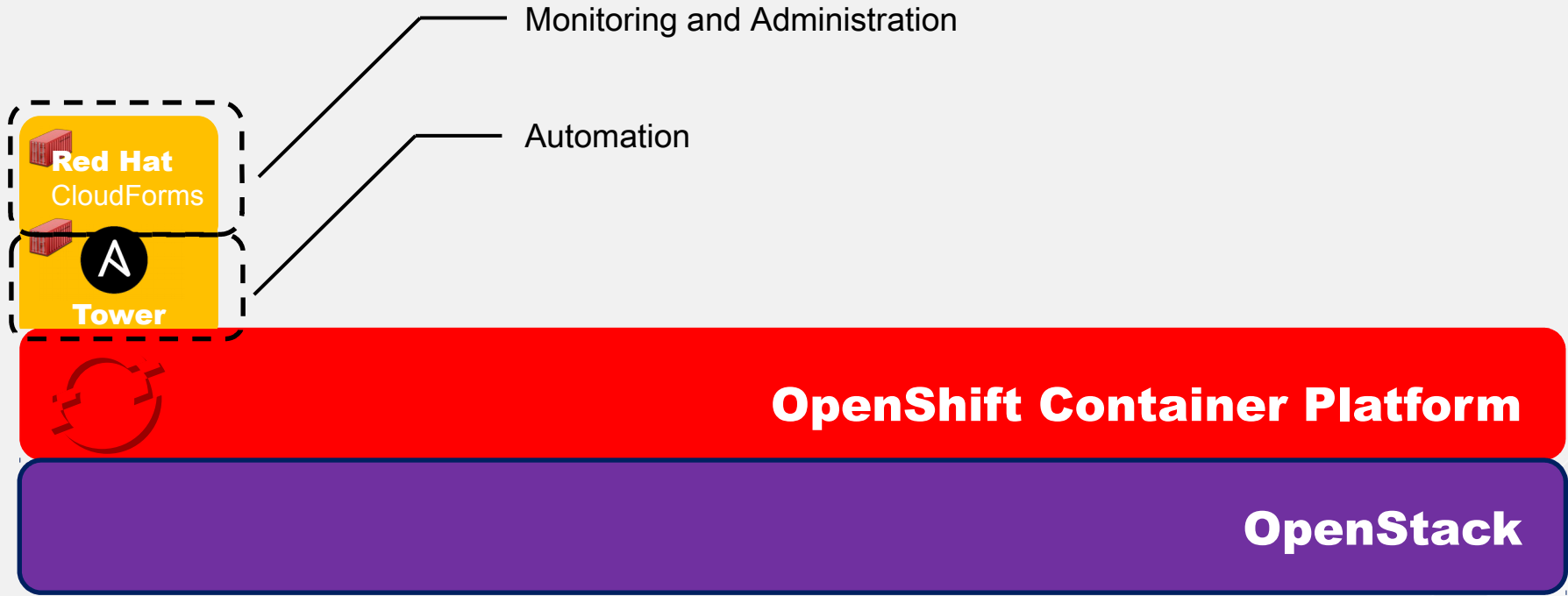


# Demo in 4 Acts

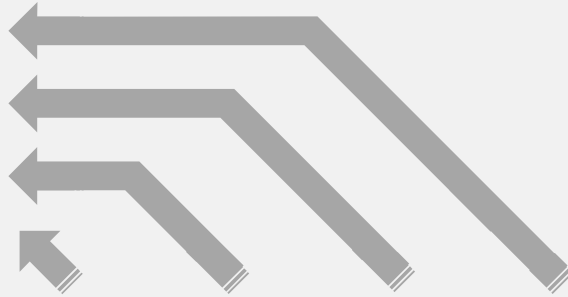
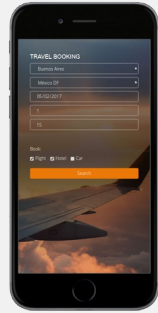
# Act 1: MicroServices Provisioning



# Act 2: Monitoring and Automation Capabilities



# Act 3: Application Modernization



Red Hat  
CloudForms



**Tower**

Red Hat  
Business  
Central

Red Hat  
Mobile

Red Hat  
Fuse

php  
Hotels

Red Hat  
EAP  
Flights

Microsoft  
.net  
Cars

Locust

Jenkins

Nexus

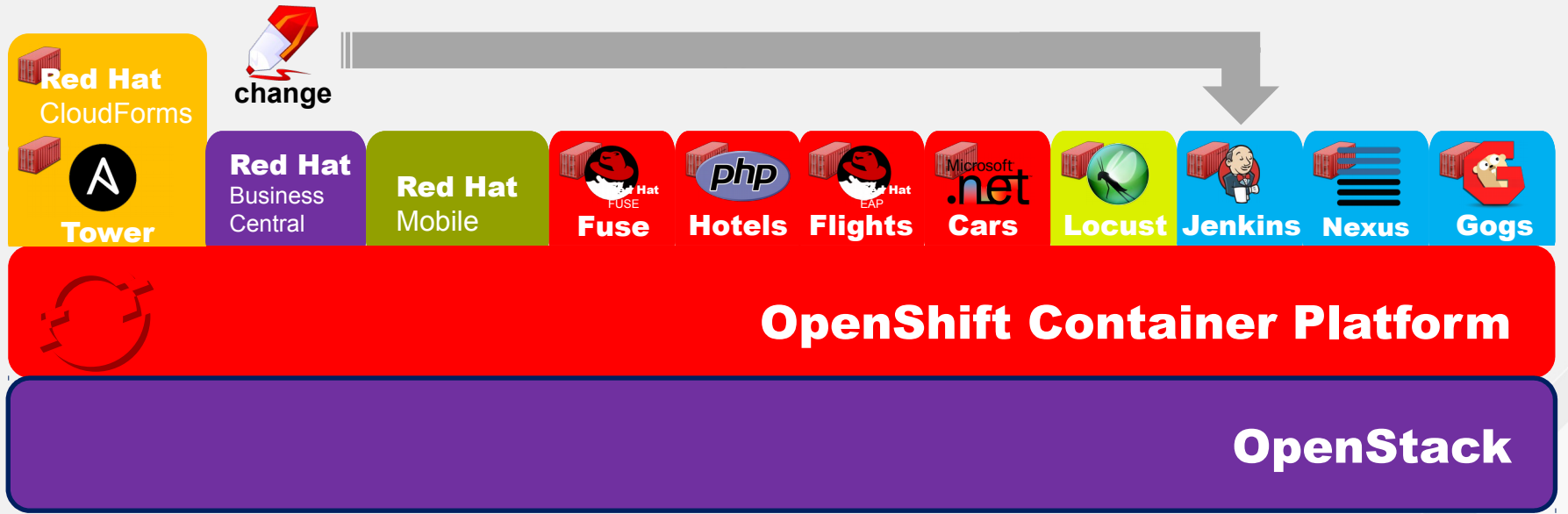
Gogs



**OpenShift Container Platform**

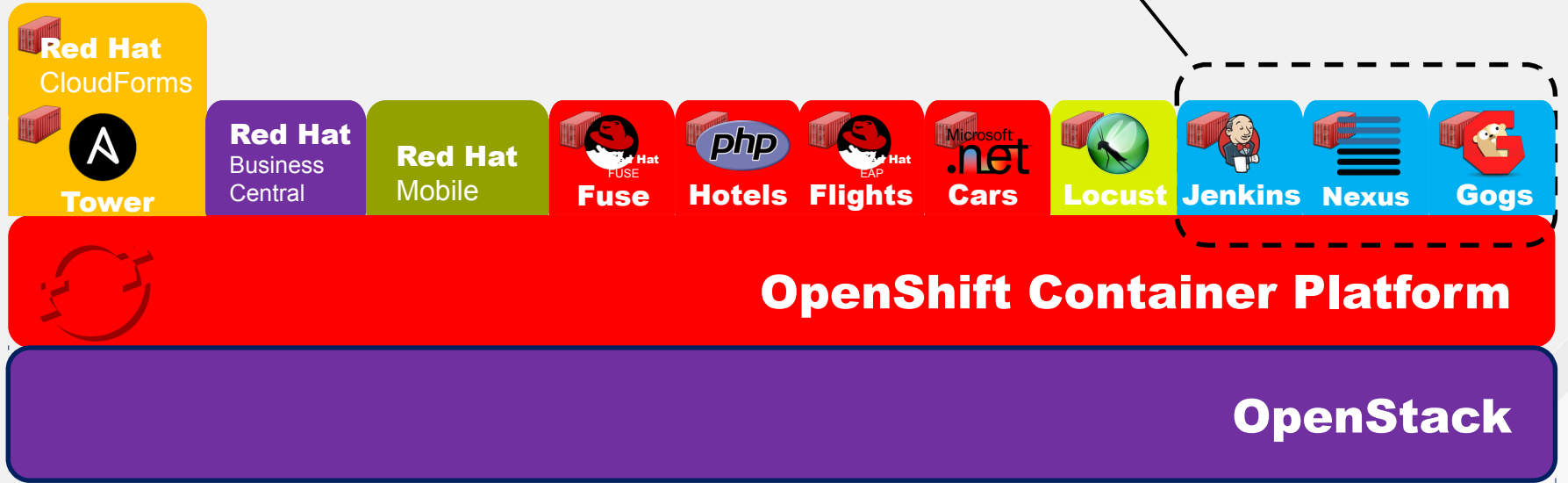
**OpenStack**

# Act 3: Application Modernization

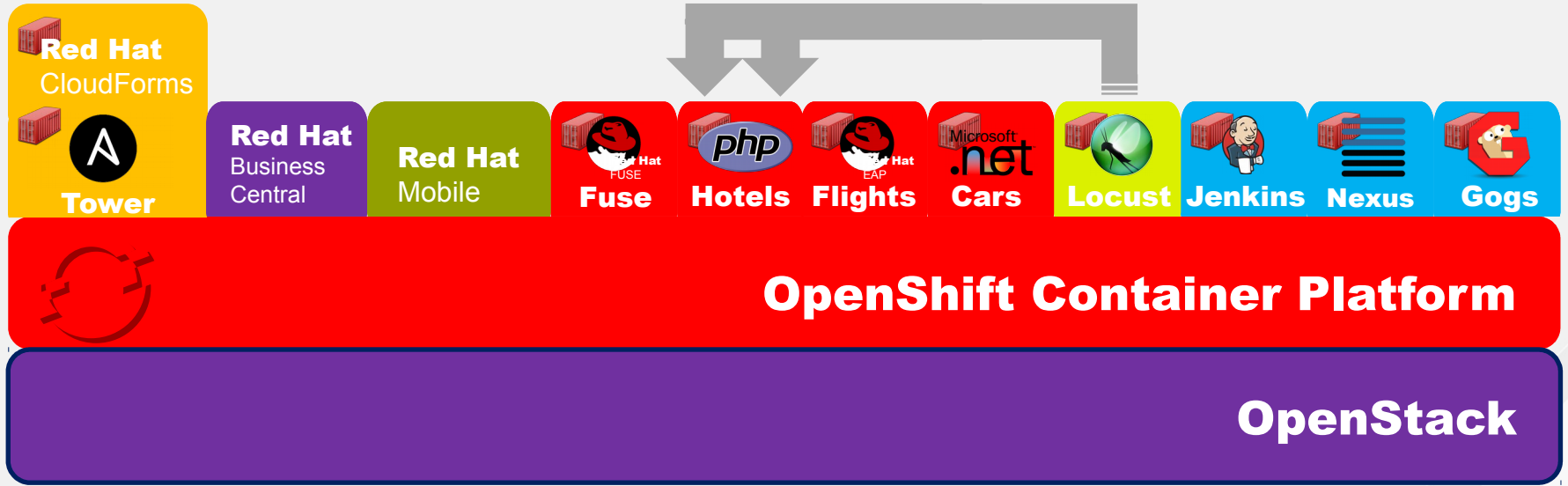


# Act 3: Application Modernization

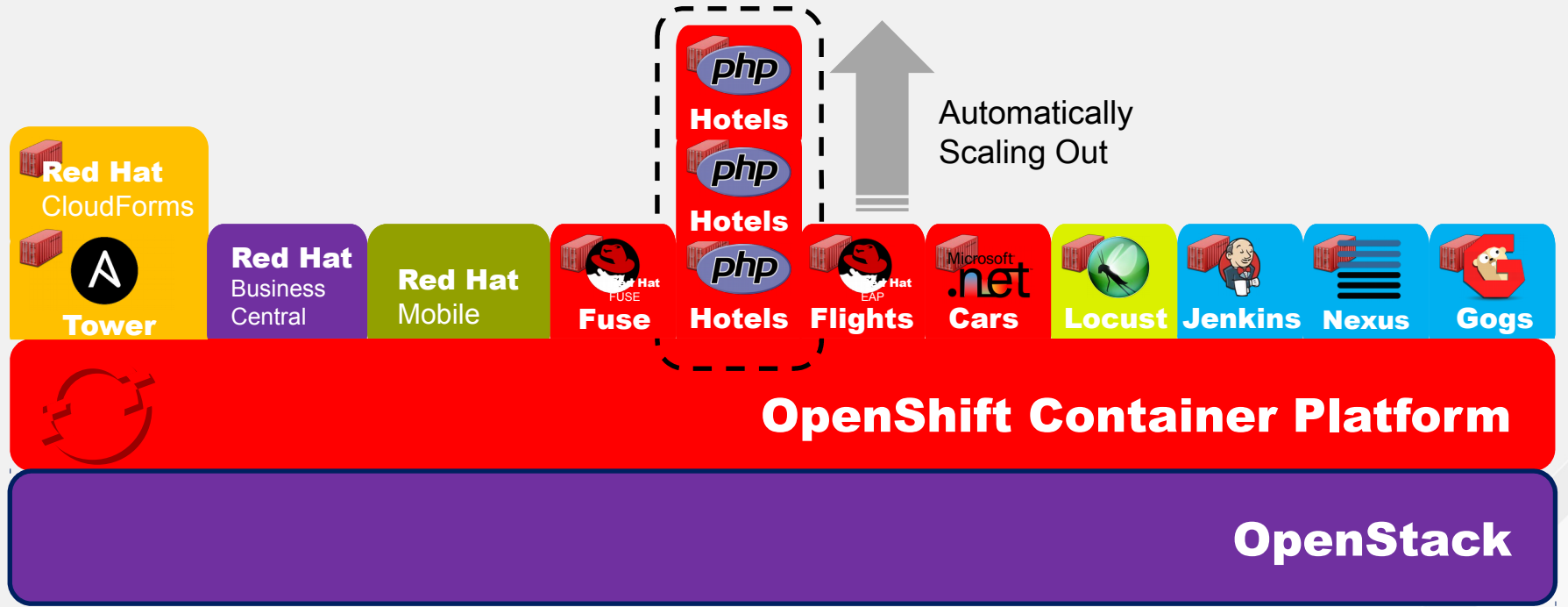
Developer's Tooling



# Act 4: Auto Scaling

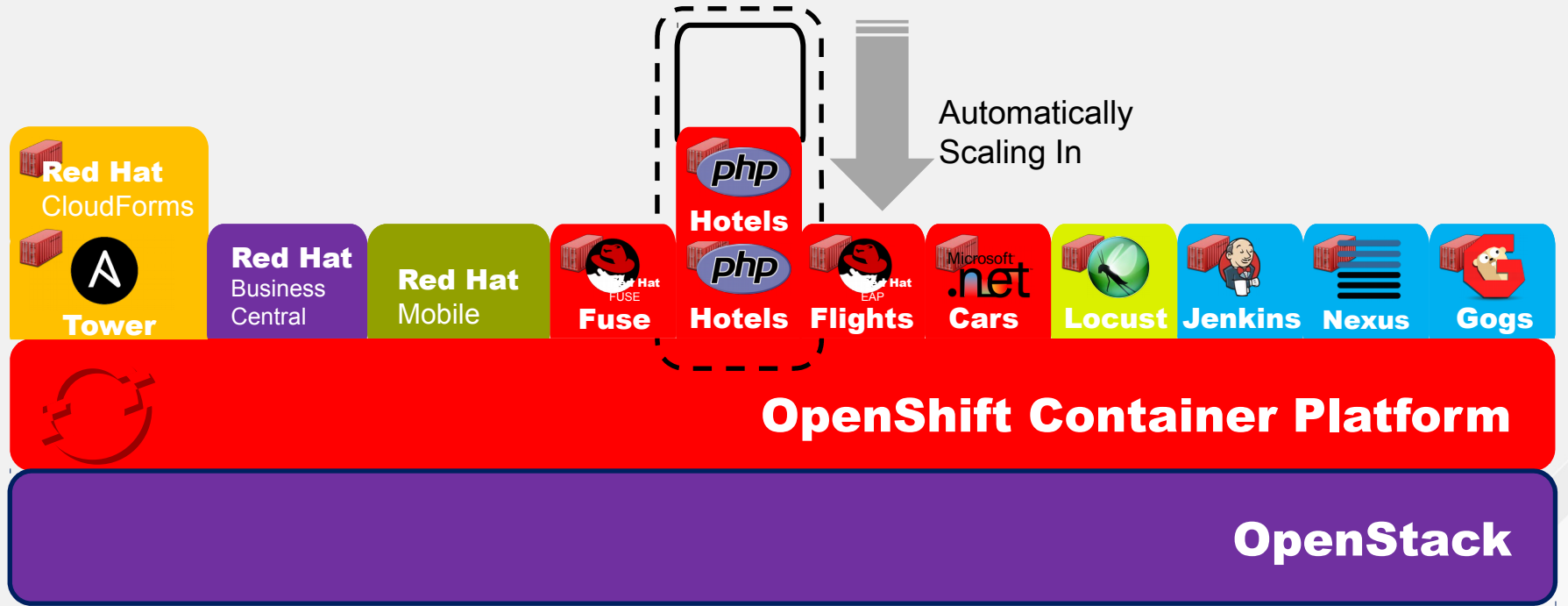


# Act 4: Auto Scaling





# Act 4: Auto Scaling



# Action

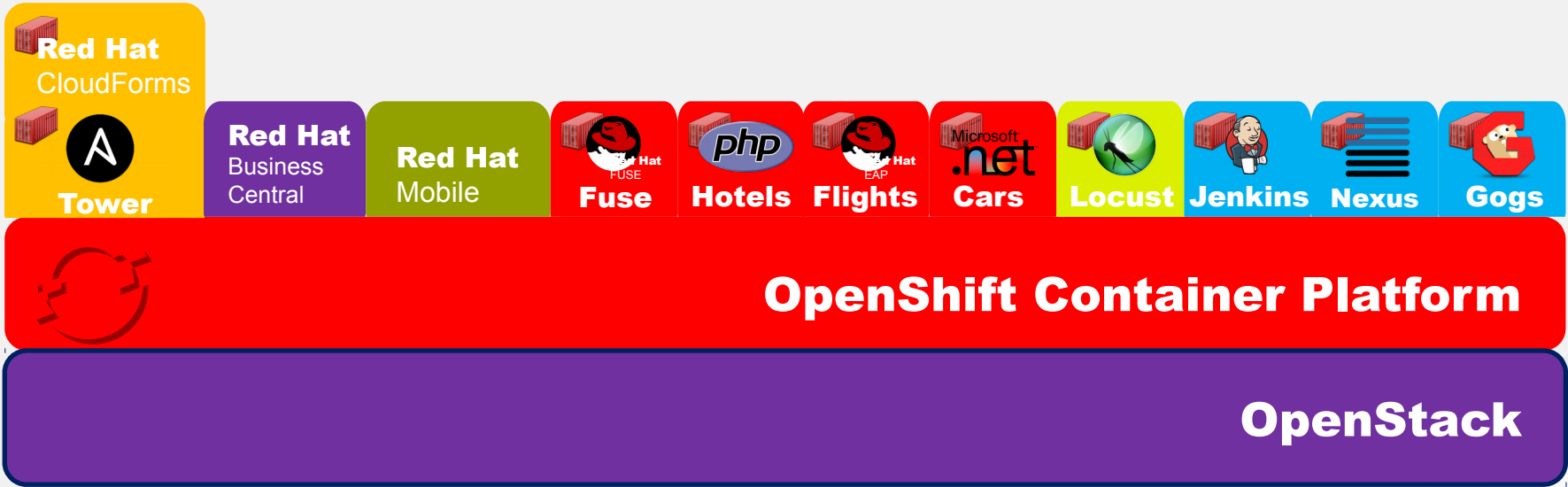
# Conclusions

- Whole Stack allows to easily create resources on-demand.
- Automation allows to respond to market changes quickly.
- Containers are key technology.
- Open Source allows to mix different technologies

# **Interested ?**

**Please contact your Red Hat representative**

# Questions ?



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# THANK YOU



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The logo for Red Hat Summit, featuring the text "RED HAT" in a smaller font above "SUMMIT" in a larger, bold font, all contained within a white speech bubble shape.

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**LEARN. NETWORK.  
EXPERIENCE  
OPEN SOURCE.**