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Extending Jopr

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About me



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Agenda



General architecture

Managed Resources

Anatomy of a plugin

Demo

Conclusion

More ...

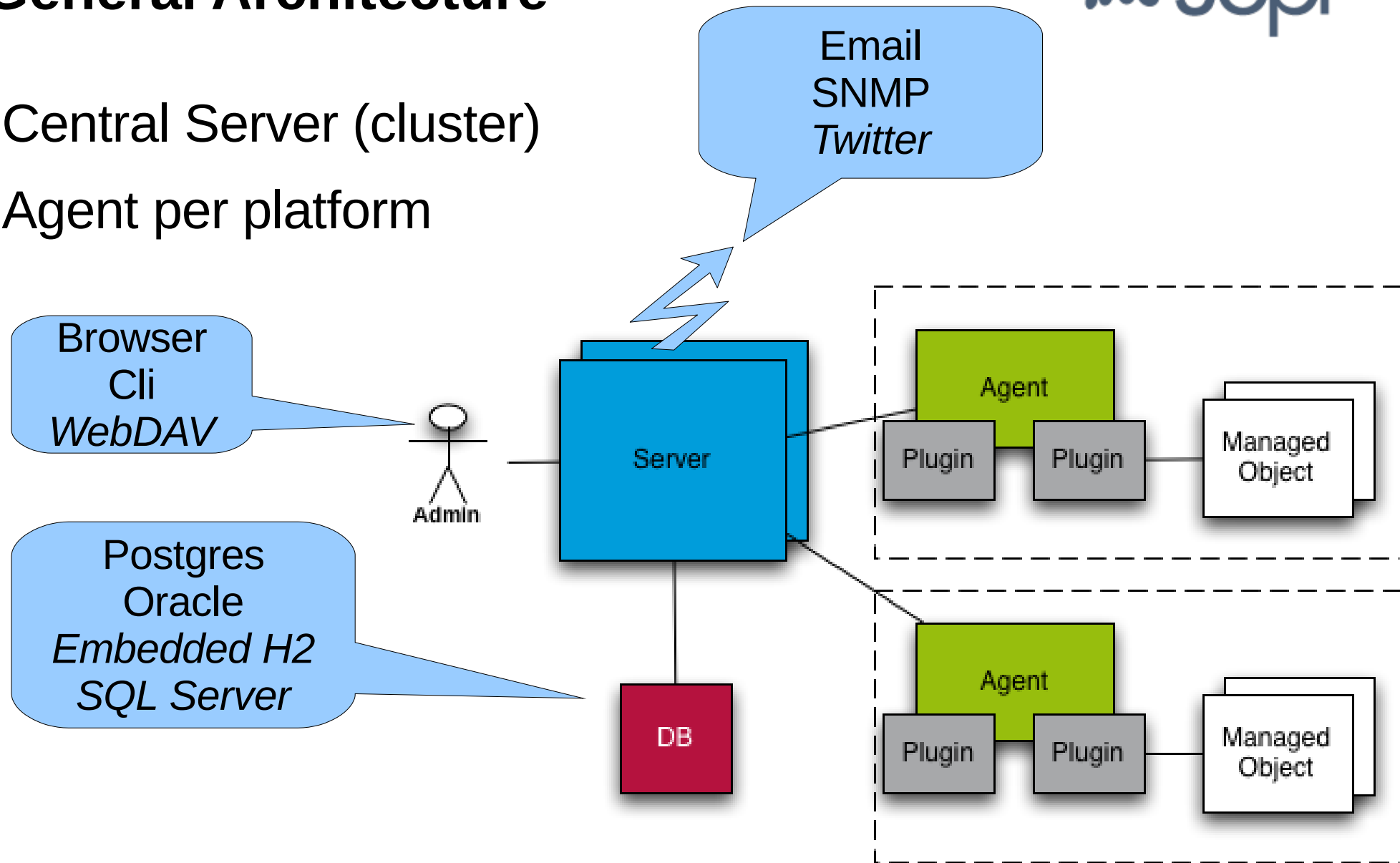


General Architecture



Central Server (cluster)

Agent per platform



Managed Resources



Resource

Anything that can be managed or monitored e.g. CPU,
Twitter timeline, Datasource

ResourceType

Linux, Apache, JBoss AS

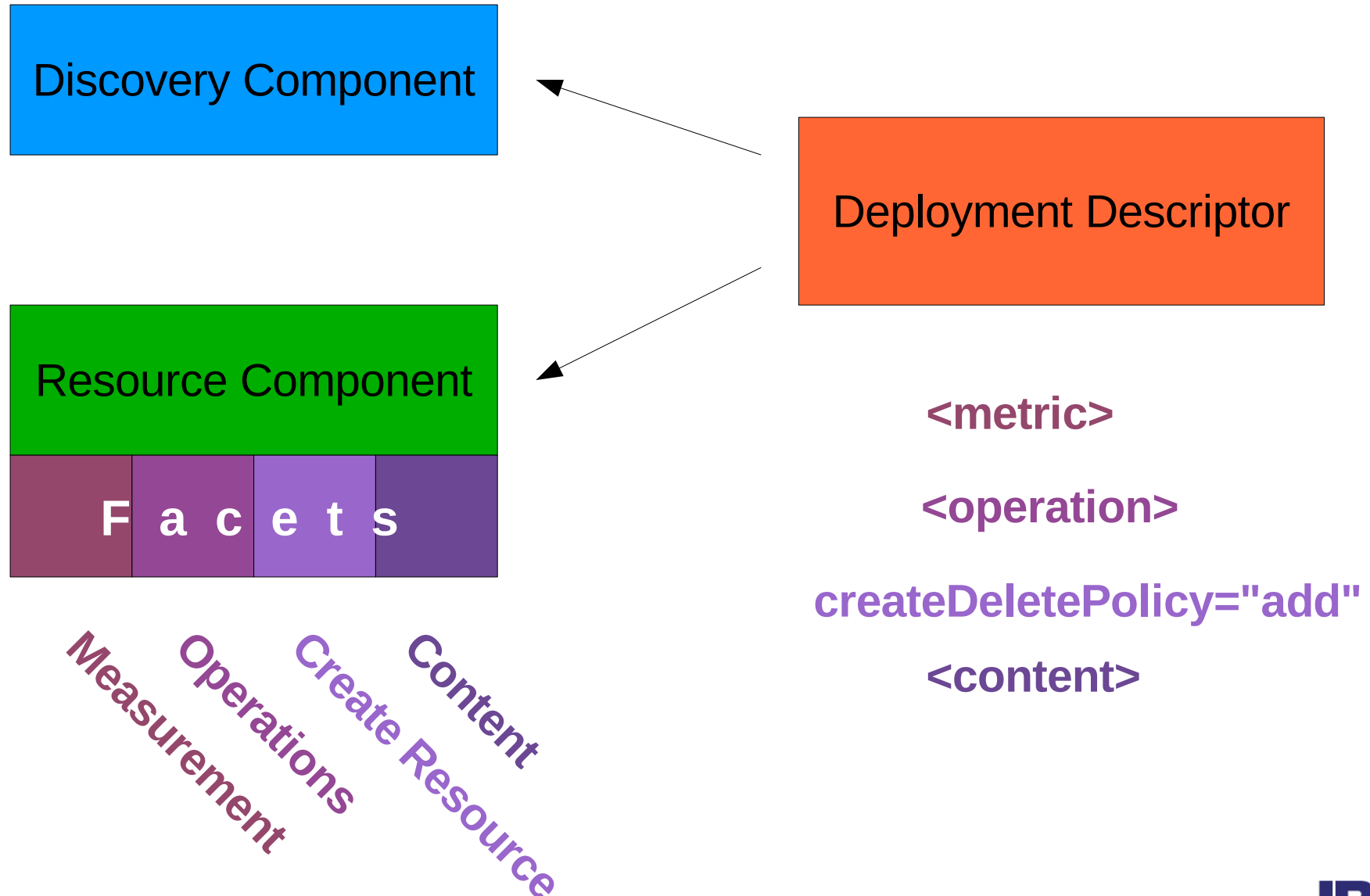
Determined by the plugin

Resource Category

Helps to determine place in inventory

Parent → Server → Service

Anatomy of a plugin



Demo-Plugin



Http ping

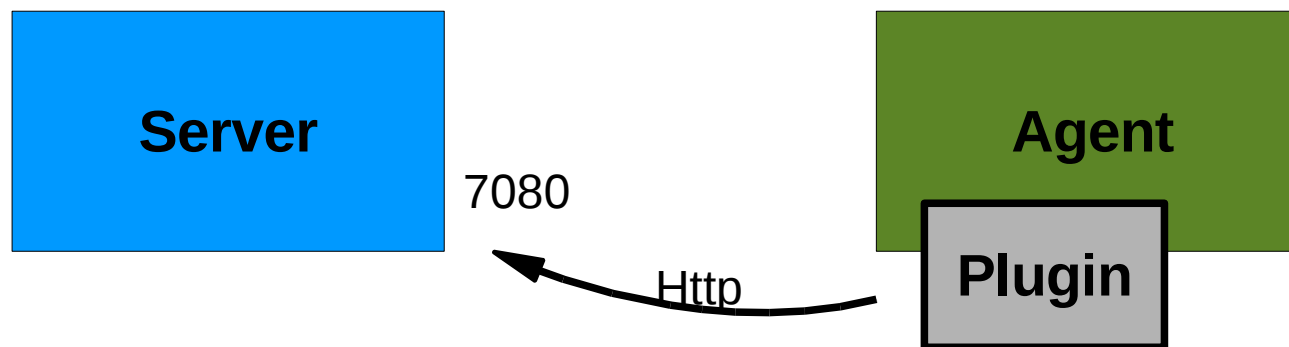
Ping remote URLs – timing

Server Component “HttpServer”

Simplest component

Use a hardcoded URL for the demo

Jopr-Server, port 7080



Demo



Five parts:

Run the plugin skeleton generator

Code up the missing pieces

Test in standalone container

Deploy

Checking that it works

Conclusion



Easy extension of functionality

Writing a plugin is easy

Takes only a few minutes to get you going

Managed resources can be literally anything

Not only JBoss products

More ...



Jopr user documentation

<http://www.jboss.org/jopr>

<http://jopr.org/>

Jopr developer documentation

<http://jopr.org/confluence/display/RHQ/Home>

Twitter:

<http://twitter.com/JBossJopr>

My Blog:

<http://pilhuhn.blogspot.com/>

QUESTIONS?

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