Deploy Apache Camel in the cloud

James Strachan

FuseSource

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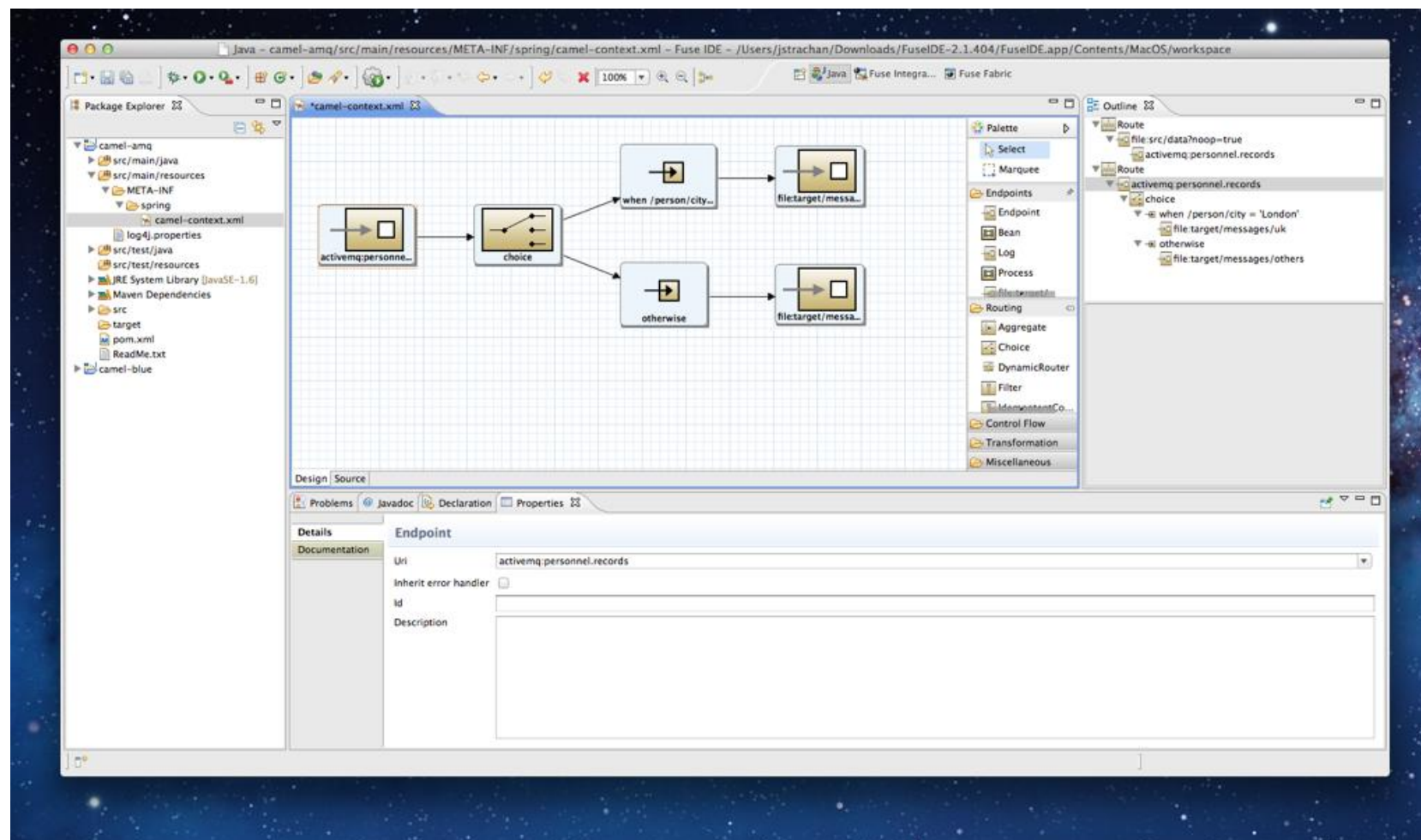- **James Strachan**
  - james@fusesource.com
  - twitter: @jstrachan
  - blog: http://macstrac.blogspot.com/
- **Software Fellow at FuseSource**
  - leaders in open source integration & messaging
  - we provide training, consulting, support, distributions & tools for open source integration software
- **Open Source hacker**
  - created the Groovy programming language
  - created the first version Apache Camel
  - co-founder of
    - Apache ActiveMQ, ServiceMix, Geronimo
    - Scalate

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- lets get riding!

- start local first

- stand alone Fuse ESB

- introduce Fuse Fabric

- lets surf them clouds!

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- eclipse based tool for Apache Camel & ActiveMQ etc
  - create projects, edit routes, run stuff, visualise, trace & diagnose

- http://fusesource.com/

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Lets get started...

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Why Fuse Fabric?

- installing, configuring, running integration applications is hard
  - ⑩ in the cloud its even harder
- we want to make it easy!

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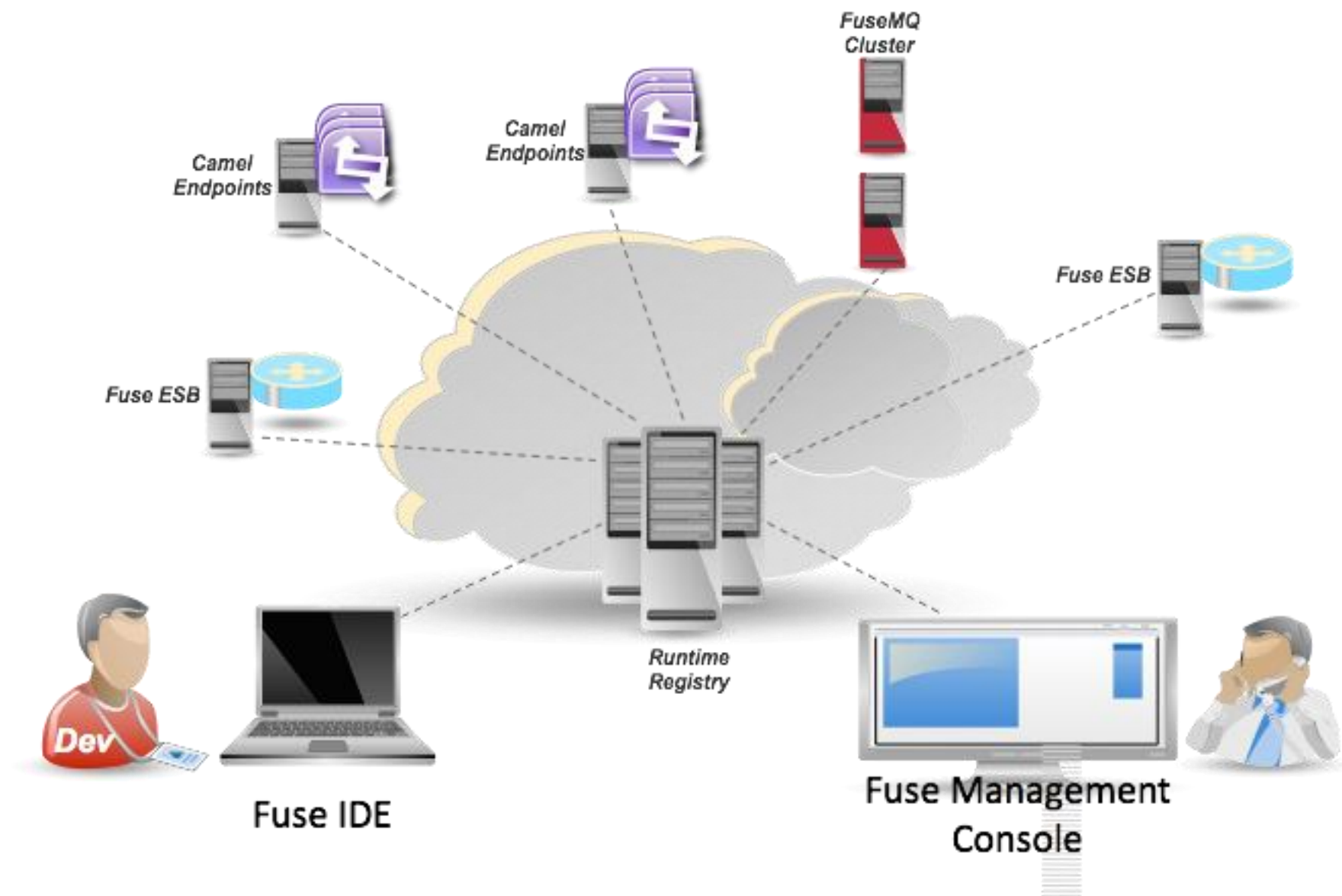A Progress Software Company

What is Fuse Fabric?

- open source **iPaaS**
  - for running your integration solutions on any kind of computing resources, IaaS, PaaS etc
  - Apache License 2.0
    - no catches or hidden bits :)
  - small & lightweight

- http://fuse.fusesource.org/fabric/

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- distributed configuration
- discovery of services, endpoints and message brokers
- load balancing and failover
- provisioning of features across machines
- easy elastic scaling of services

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Fabric Tools

- Fuse Shell
- Fuse IDE
- Fuse Management Console

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Fuse Fabric Architecture

- Registry
- Profiles
- Containers

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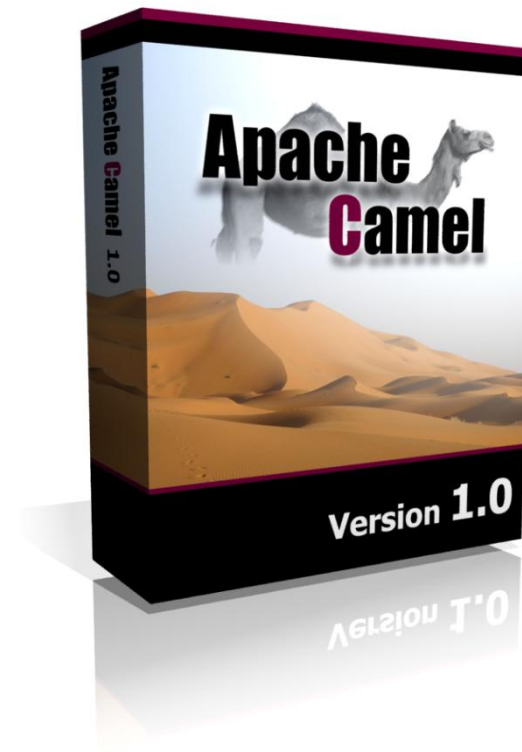**FuseSource**

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Summary

- ## Camel rocks!
  - use Fuse IDE to get riding faster and easier
  - ❿ Deploying to Fuse ESB is a click or two away
- ## Use Fuse Fabric if you have > 2 JVMs to configure/provision
  - ❿ start with a small number of simple profiles
  - ❿ add machines & profiles as your needs fit

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- Download Fuse IDE & Fuse ESB
  - http://fusesource.com
- Ride that Camel
  - http://camel.apache.org/
- Attend the Fuse Management Console talk tomorrow! :)
- Don't get the hump!

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- twitter: @jstrachan #fusenews
  - http://fusesource.com

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