



***Eclipse Swordfish –
service-oriented software development made easy***

Me



Oliver Wolf

Email: oliver.wolf@sopera.de

Cell: +49-160-98931313

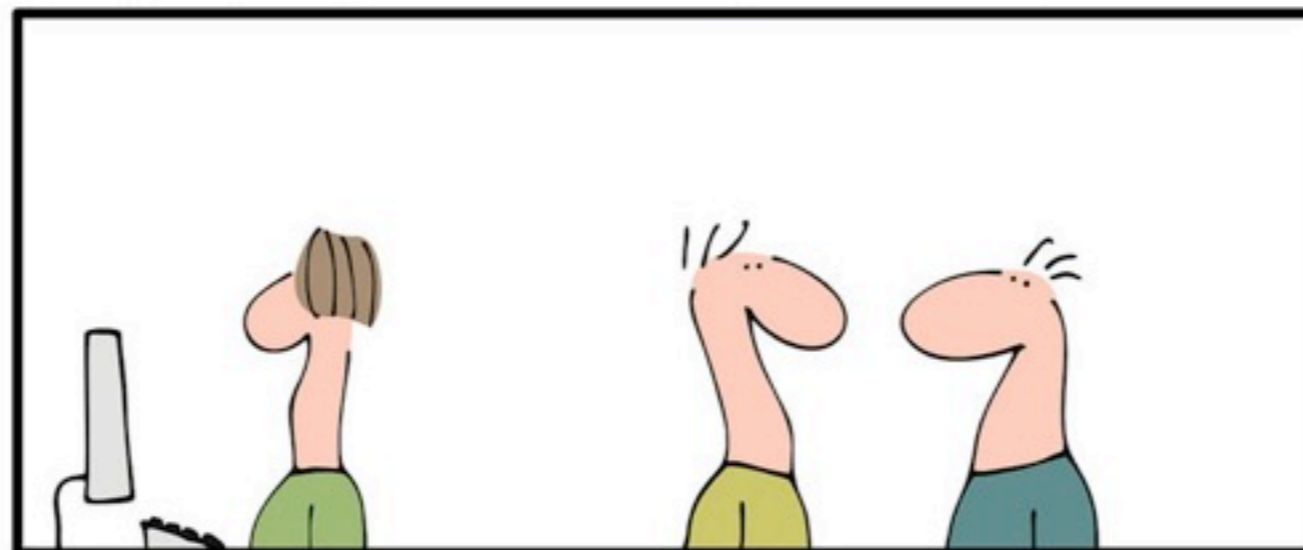
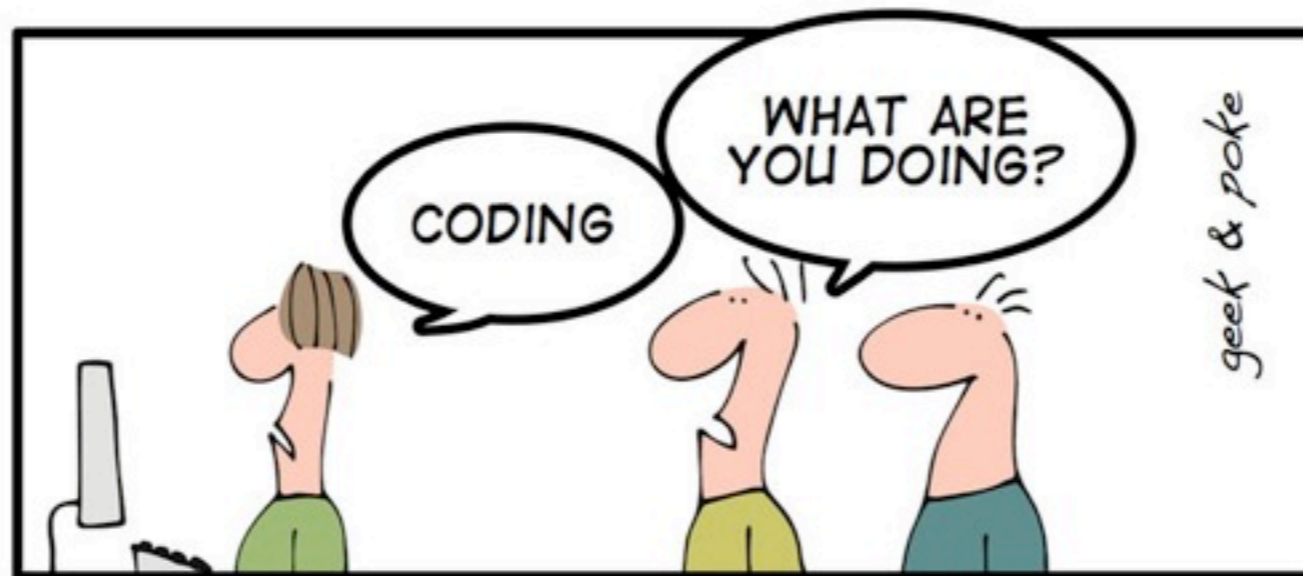
Twitter: @owolf

The company
I'm working for



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TROUGH OF DISILLUSIONMENT

What's in there for me?



If you are a software developer...

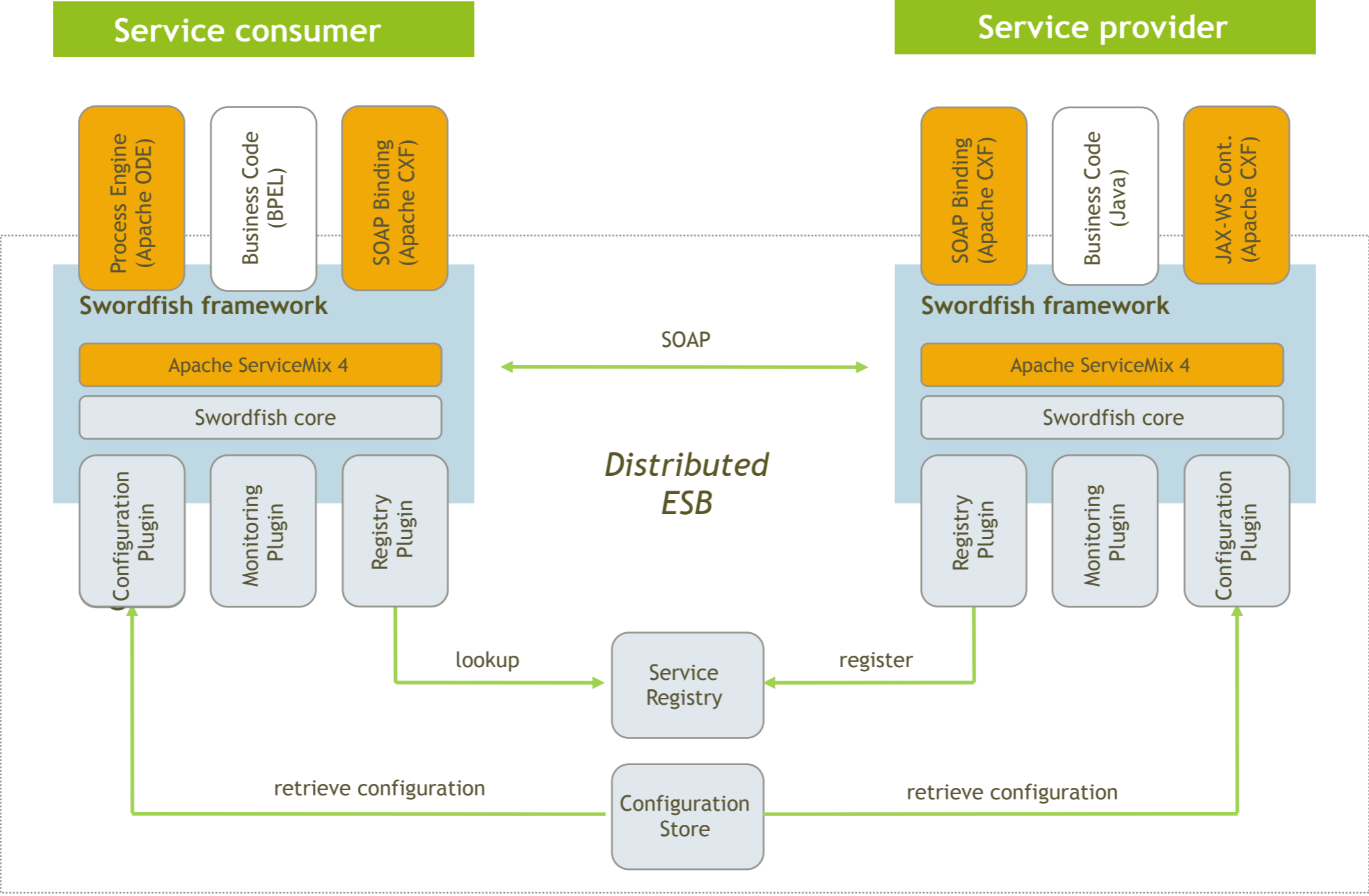
Swordfish makes it easy to develop enterprise services on OSGi.

If you are an enterprise software architect...

Swordfish helps making your services enterprise-ready.

- Runtime service discovery*
- Security*
- Monitoring*
- Remote configuration*

What is Swordfish?



A few words about OSGi and some terms



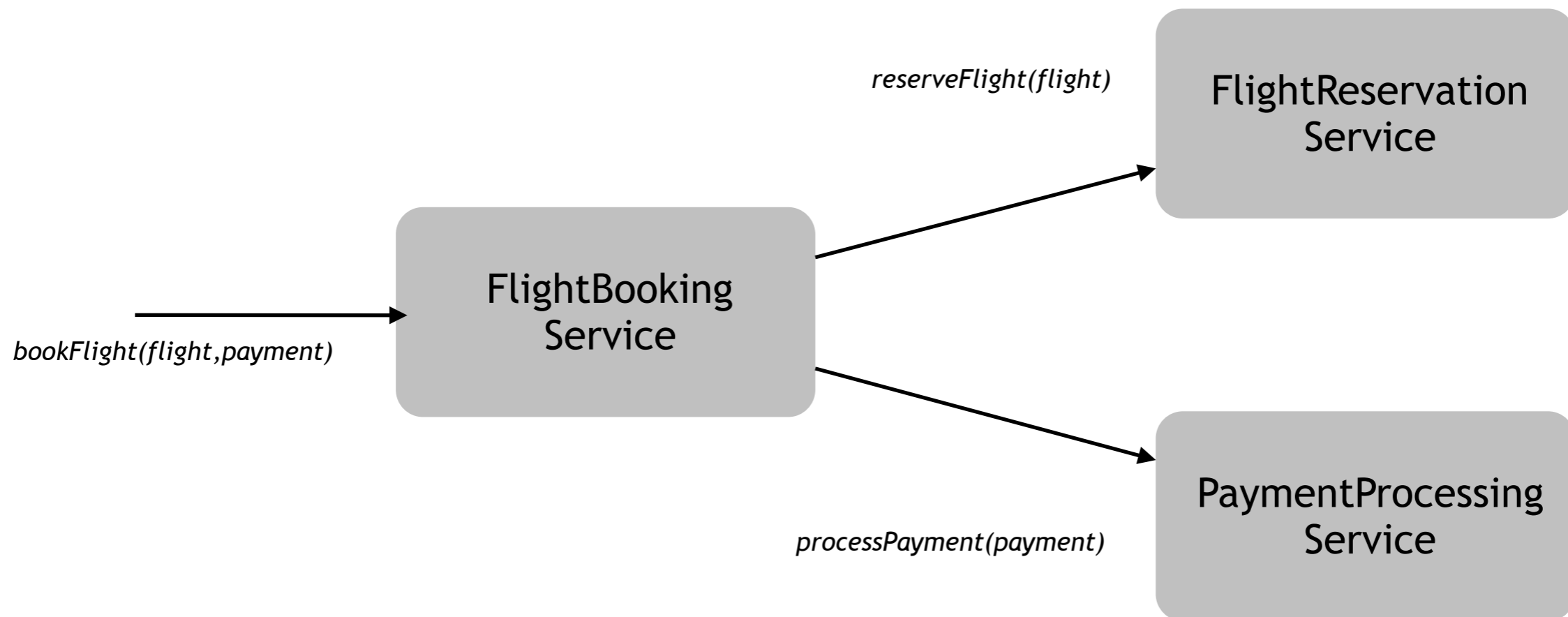
OSGi: A standard for creating highly modular Java applications, based on the concept of bundles. The Swordfish framework requires an OSGi runtime (usually Eclipse Equinox).

Bundle: A module containing Java implementation classes and additional data that can be deployed into an OSGi runtime environment. A bundle can provide code to and use code from other bundles, allowing for better modularization.

Target platform: A set of OSGi bundles that defines the runtime environment for the bundles you create in your Eclipse workspace. The Swordfish target platform contains the Swordfish framework and the plug-ins you intend to use.

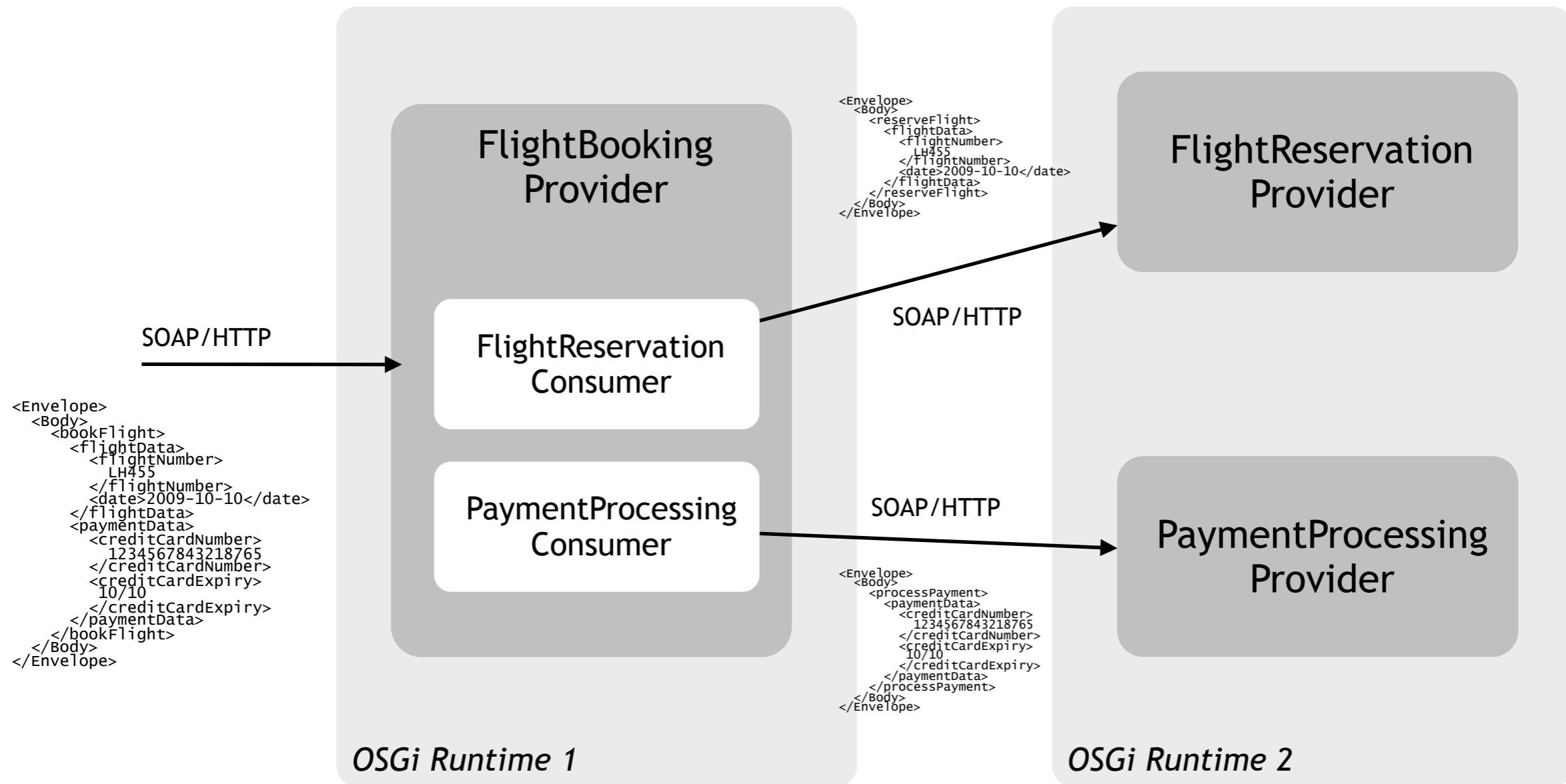
PDE: Plug-in development environment, the Eclipse perspective and tools you use to create bundles with the Eclipse IDE.

Demonstration Scenario (business view)

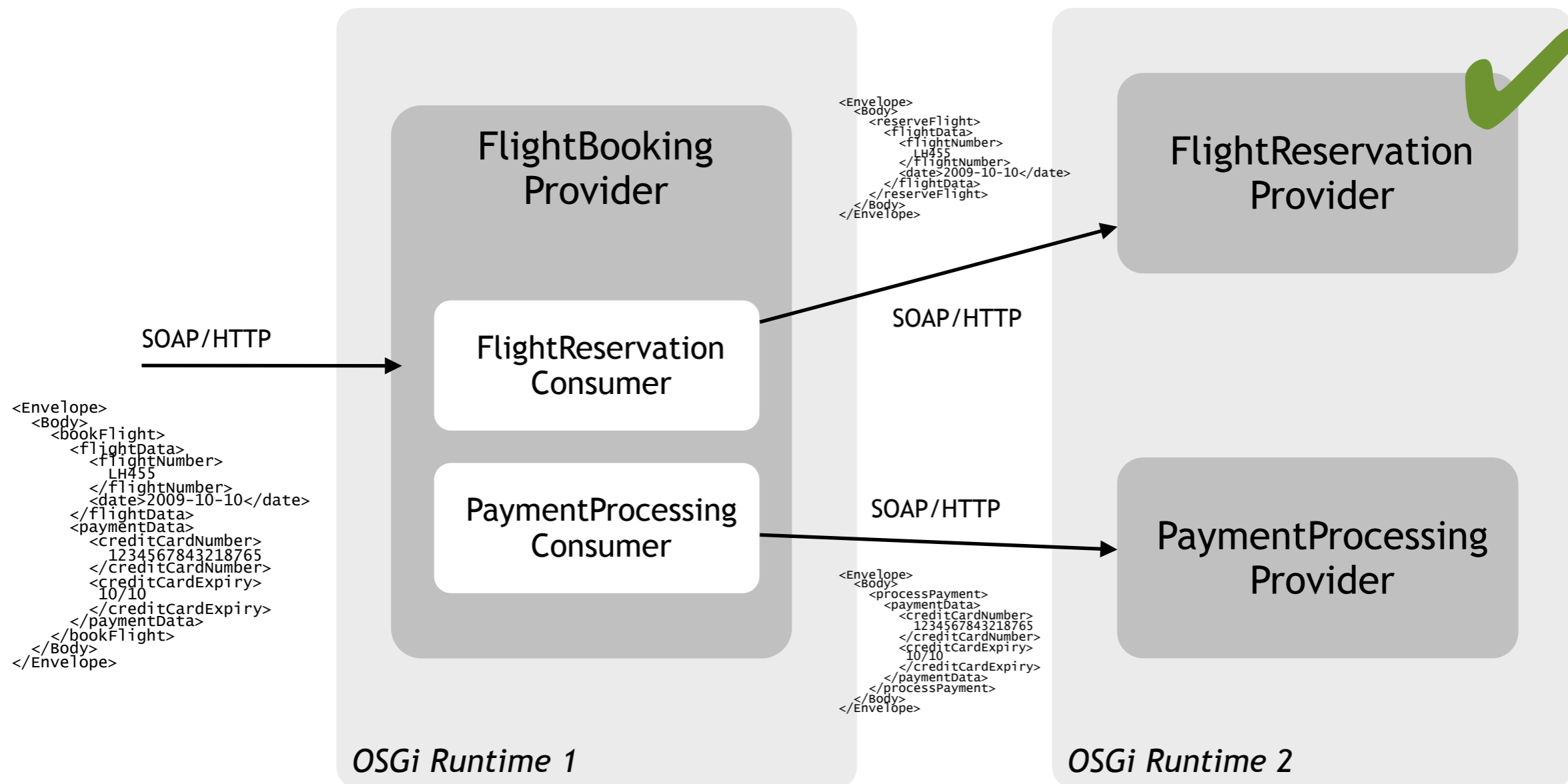


The FlightBooking service is a composite service that orchestrates calls to the FlightReservation and PaymentProcessing services.

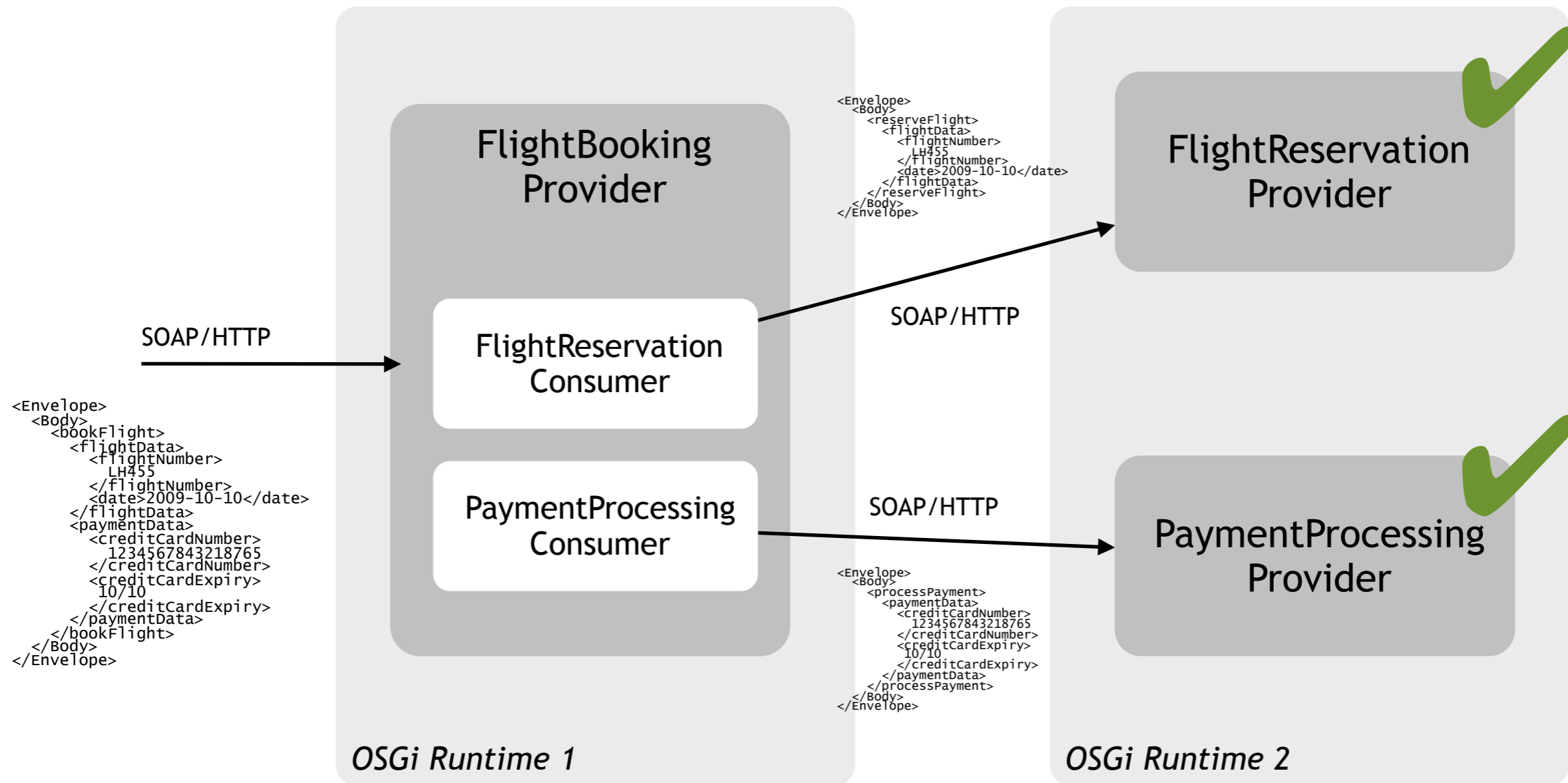
Demonstration Scenario (technical view)



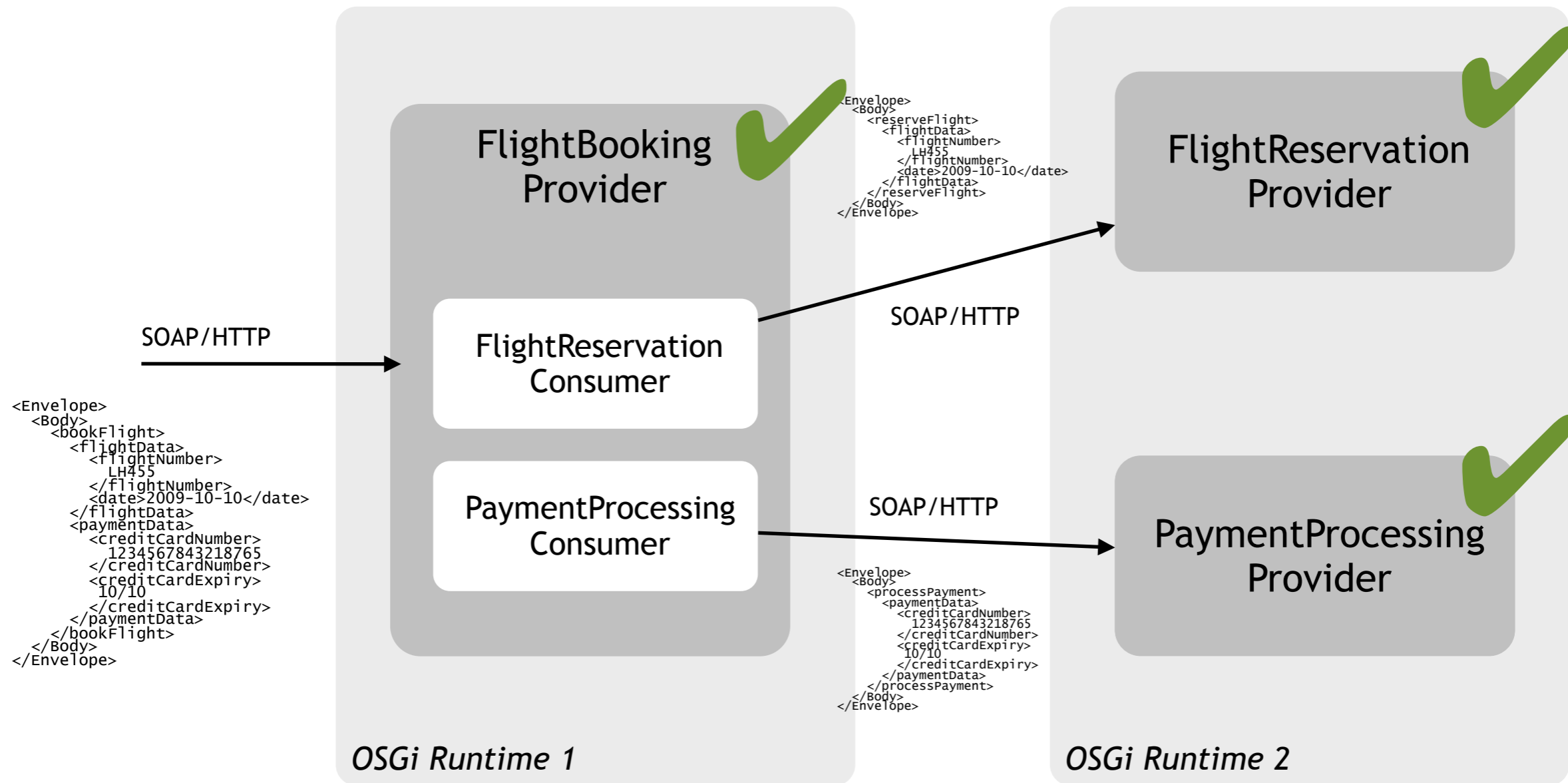
Demonstration Scenario (technical view)



Demonstration Scenario (technical view)



Demonstration Scenario (technical view)



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Where to get the software



- 1 Use the Eclipse Update Installer to install the Swordfish tools into your Eclipse IDE from the Galileo Update Site



or

- 2 Download the Eclipse SOA package and get going!



Eclipse SOA Platform for Java and SOA Developers (136 MB)

Eclipse SOA Platform is a runtimes and tools integration platform for SOA developers. It makes easy to get the environment you need for developing and executing SOA. It includes a Java IDE, Swordfish Tooling, the Plugin Development Environment (PDE), an XML Editor and a WSDL Editor. Note that the SOA package includes some **incubating** components, as indicated by feature numbers less than 1.0.0 on the feature list. [More...](#)

Downloads: 10,688

Windows
Mac Carbon 32bit
Mac Cocoa 32bit 64bit
Linux 32bit 64bit

Would you like to learn more?



Visit the Eclipse SOA web site:

<http://www.eclipse.org/eclipsesoa>

Visit the Eclipse Swordfish web site:

<http://www.eclipse.org/swordfish>

Thank you very much for your attention!



SWORDFISH