Spring Integration Smpp Adapter

1.0.0.RELEASE

Josh Long, Johanes Soetanto

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Part I. What's new?

If you are interested in the changes and features, that were introduced in earlier versions, please take a look at chapter: Appendix A, *Change History*

1. What's new?

The Spring Integration adapter for SMPP includes two adapters and two gateways:
<itemizedList>
<listItem> Inbound Channel Adapter to receive sms from SMSC. </listItem>
<listItem> Outbound Channel Adapter to send sms through SMSC. </listItem>
<listItem> Inbound Gateway to receive sms from SMSC. </listItem>
<listItem> Outbound Gateway to send through SMSC. </listItem>
</itemizedList>

Part II. Integration Adapters

Spring Integration adapter for SMPP (Short Message Peer-to-Peer) includes inbound channel adapter to receive sms from SMSC (Short Message Service Center), outbound channel adapter to send sms through SMSC, and gateways to send/receive from SMSC.

2. Smpp Adapter

The Spring Integration Smpp Adapter provides...

- *Outbound Channel adapter*

- *Outbound Gateway*

- *Inbound Channel Adapter*

- *Inbound Gateway*

To use Spring Integration adapter for SMPP, you have to import the XML namespace. For example, you can have following XML:

```xml
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xmlns:int="http://www.springframework.org/schema/integration"
       xmlns:int-smpp="http://www.springframework.org/schema/integration/smpp"
       xsi:schemaLocation="http://www.springframework.org/schema/integration
        http://www.springframework.org/schema/integration/spring-integration.xsd
   http://www.springframework.org/schema/beans
   http://www.springframework.org/schema/beans/spring-beans.xsd
   http://www.springframework.org/schema/integration/smpp
   http://www.springframework.org/schema/integration/smpp/spring-integration-smpp.xsd
   ">
</beans>
```

Meanwhile, you have to define your SMSC server information. For example you can define server as following:

```
//TODO
```

2.1 Outbound Channel Adapter

Outbound channel adapter is to send sms into SMSC from channels in Spring Integration.

2.2 Inbound Channel Adapter

Inbound channel adapter is used to receive sms from SMSC into Spring Integration channel.

2.3 Outbound Gateway

Outbound gateway is similar to outbound channel adapter except that it can also be used to get a result on the *reply channel* after sending.

2.4 Inbound Gateway

Inbound gateway is similar to inbound channel adapter except that it can also be used to return a result on the *reply channel* after receiving.

Part III. Appendices

Advanced Topics and Additional Resources

Appendix A. Change History

Table A.1.

Release	Date	Changes
2.2.0	2012.12.14	Initial release migrated from Spring sandbox