Introduction to Restcomm JAIN SLEE

Table of Contents

JAIN SLEE is the specification for a Java Service Logic and Execution Environment (SLEE) architecture, created in the Java Community Process (JCP) by several individuals and companies, including Red Hat. A SLEE is an application server, or service container, which defines a component model for structuring the logic of communications services as a collection of reusable components, and for combining these components into even more sophisticated services. This model was designed and optimized for event-driven applications.

In addition to the service component model, the SLEE also defines management interfaces used to administer the container and the service components executing within, and a set of standard facilities, which provide common features, such as timers, traces and alarms, to JAIN SLEE components.

Restcomm JAIN SLEE is the first and only open source platform certified for JAIN SLEE 1.1 compliance, providing a highly scalable, event-driven application server with a robust component model and a fault tolerant execution environment.
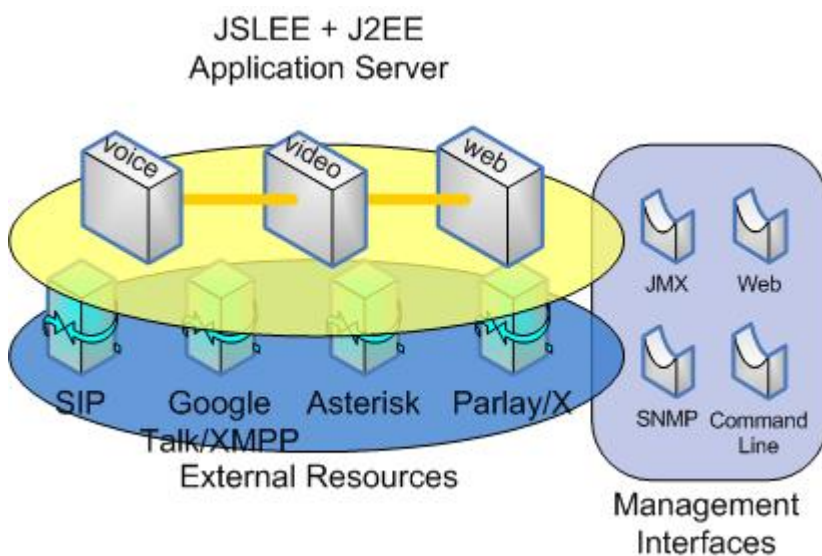

Figure 1. Overview of JAIN SLEE

Restcomm is built on top of the open source award winning JBoss Application Server , which means that Restcomm complements with Java Enterprise () 5 container features, allowing strong convergence of different application models, for even feature richer communication services, for instance, the Web and can be combined to achieve a more sophisticated and natural user experience. Restcomm inherits quality management features and tools from JBoss Application Server , such as the JMX Console, Jopr Plugins and SNMP Adaptor.
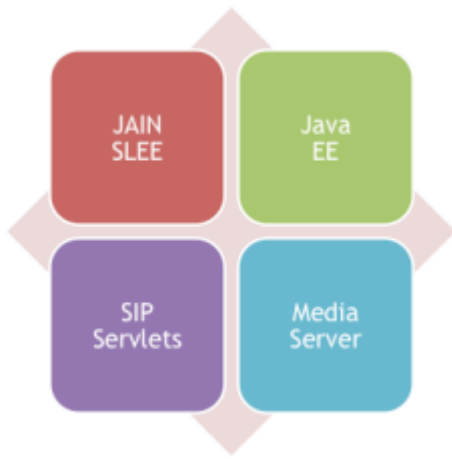
Figure 2. Restcomm Platform

Restcomm JAIN SLEE can also be complemented with Restcomm SIP Servlets and Restcomm Media Server, providing unique value and integration features not found elsewhere.