RCS-e open source stack

Roadmap

Date: 12/10/2012

Author: Orange Labs, jeanmarc.auffret@orange.com

Open source project

- Open source published at:

  http://code.google.com/p/android-rcs-ims-stack/

Main contributors

- Orange Labs

- Deutsche Telecom
- HTC
- Motorola
- Neusoft.
- Sony

History…

- 2007 / First RCS stack for J2ME platform.
- 2008-2009 / RCS 1.0 stack:
  - GSMA IOT: Helsinki (2008) / First participation.
  - GSMA IOT: Paris (2009).
  - GSMA IOT: Munich (2009).
- Jan. 2010 / First RCS stack for Android platform.
- 2010 / RCS 2.0 stack:
  - GSMA IOT: Paris (2010).
  - GSMA IOT: Beijing (2010).
  - GSMA IOT: Madrid (2010).
- Jan. 2011 / RCS 2.0 stack:
  - GSMA IOT: Helsinki (2011).
  - OrangeLabs stack is taken as Reference Implementation by GSMA.
- Feb. 2011 / Integrate the same SIP stack as Google Android 2.3.
- March 2011 / RCS-e stack implementation based on 2.0 stack started.
- April 2011 / First RCS-e 1.1 release available.
- Mai 2011: RCS-e stack published to open source community.
- End of 2011: native integration by several device manufacturers.

Roadmap

Roadmap 2012

- **January 16: Sprint 14**
  - IOT tests.
  - HTTPS provisioning module.
  - Findbugs report.
- **January 30: Sprint 15**
  - IOT tests.
  - HTTPS provisioning version management.
  - DNS management (NAPTR & SRV).
  - End user confirmation request API to accept terms of use.
- **February 10: Sprint 16**
  - IOT tests.
- **February 22: Sprint 17**
  - Bug fix after IOT tests.
- **March 12: Sprint 18**
  - Bug fix after IOT tests.
  - Rename package of the NIST SIP stack to avoid concurrency problems with native NIST SIP stack.
  - Update source code copyrights.

Roadmap 2012

- **March 30: Sprint 19**
  - IOT tests.
  - GSMA RCS Implementation Guidelines.
  - Nonce caching.
- **April 13: Sprint 20**
  - IOT tests.
  - GSMA RCS Implementation Guidelines.
- **April 30: Sprint 21**
  - Provisioning terms.
  - IOT tests.
- **May 21: Sprint 22**
  - Backup & restore RCS settings.
  - Bug correction.
- **June 22: Sprint 23**
  - GSMA UI Connector.
  - Bug correction.

Roadmap 2012

- **July 06: Sprint 24**
  - IOT test fest (Madrid).
  - IPv6 tests.
- **August 14: Sprint 25 (v2.4.7)**
  - GSMA Guidelines 3.0.
  - IOT test fest issues.
- **September 07: Sprint 26 (v2.4.8)**
  - GSMA Guidelines 3.1.
- **October 12: Sprint 27 (v2.4.9)**
  - IMS session refactoring on duplicated code.
  - Merge contributions.
  - Multidevice management.
  - GSMA Guidelines 3.1.
- **October 31: Sprint 28 (v2.4.10)**
  - MSRPS
  - Merge contributions.

Roadmap 2013

- **Blackbird release**
- **Crane release**