

RCS-e open source stack



Roadmap

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Open source project

■ Open source published at:

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



The screenshot shows the project page for 'android-rcs-ims-stack' on the Code.google.com platform. The page is titled 'android-rcs-ims-stack' with the subtitle 'RCS-e stack for Android platform'. It features a navigation bar with links for 'Project Home', 'Downloads', 'Wiki', 'Issues', 'Source', and 'Administer'. The main content area is divided into two columns. The left column contains 'Project Information' (starring by 78 users, Apache License 2.0), 'Labels' (RCS, RCS-e, SIP, Android, IMS, RTP, XCAP, XDM, MSRP, Chat, IIMDN, SDP, video, visio), 'Members' (jmauffret, 2 committers), and 'Your role' (Owner). The right column displays the project description: 'RCS-e stack implementation (GSMA RCS 1.2.1 compliant, hotfixes 3.1)'. It includes a 'Follow @androidrcsstack' link and a '07/09/2012: Release 2.4.8 is available' announcement. A list of links points to various documents: README.txt (updated), Installation guide, Roadmap (updated), Wiki, Supported standards (updated), RCS API (updated), FAQ, GSMA UI Connector Demo, GSMA Client Connector Demo, SIP API Demo, and Findbugs filter. Below the text, two side-by-side screenshots of an Android interface are shown, demonstrating the RCS stack's capabilities. The left screenshot shows a contact list with entries for 'Me', '+33643933579', '+33643933665', 'My RCS profile', 'Tab', and 'Test'. The right screenshot shows a similar interface with a 'Me' entry, 'At Home' status, and a bottom bar with icons for 'View', 'Message', 'File transfer', and 'Chat'.



Main contributors

- Orange Labs
- Deutsche Telekom
- 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 2013

■ January 24: Sprint 1, v2.5.0

- Merge contributions.
- 1.2 hotfixes maintenance.
- New video profile (QVGA level 1.2 & 1.3).
- Blackbird preparation.

■ February 14 : Sprint 2, v2.5.1

- Merge contributions.
- 1.2 hotfixes maintenance.
- Push geoloc.
- Show us in a map.
- vCard.
- Auto reject FT if no storage.

■ March 11: Sprint 3, v2.5.2

- Merge contributions.
- Video orientation management.
- File transfer thumbnail.
- Test MSRPoTLS.



Roadmap 2013

■ **March 29: Sprint 4, v2.5.3**

- Merge contributions.
- LTE support.
- Wi-fi provisioning.
- Multidevice.



Roadmap 2013

■ Next sprints:

- VoIP call.
- IP Video call.
- Queue messaging.
- IMDN group chat.
- Store & Forward group chat.
- Store & forward file transfer.
- File transfer over HTTP.
- File transfer group.
- Voice message.
- Backup & Restore.
- New Blackbird provisioning parameters.

