

# RCS-e open source stack



## Roadmap

Date: 15/05/2013

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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, etc.), '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 list of links for documentation (README, Installation guide, Roadmap, Wiki, Supported standards, RCS API, FAQ) and demos (GSMA UI Connector Demo, GSMA Client Connector Demo, SIP API Demo, Findbugs filter). Below the text, there are two side-by-side screenshots of an Android interface showing RCS chat and contact cards. The bottom right corner of the slide features a red stylized logo.

# 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.



# Roadmap 2013

## ■ March 29: Sprint 4, v2.5.3

- Merge contributions.
- Block contact capabilities.
- Multidevice.
- Share geoloc during a call.

## ■ May 15: Sprint 5, v2.5.4

- Merge contributions.
- File transfer over HTTP -> **implemented but not tested**

## ■ June 3: Sprint 6, v2.5.5

- Merge contributions.
- Test File transfer over HTTP.
- File transfer group.
- Store & forward file transfer.
- Test MSRPoTLS.



# Roadmap 2013

## ■ Next sprints:

- Wi-fi provisioning.
- IP call (audio & video).
- Queue messaging.
- IMDN group chat.
- Store & Forward group chat.
- Voice message.
- Backup & Restore.
- LTE support.

