



RCSJTA implementation

Open source management

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Introduction

- This document summarizes all the information related to the RCSJTA open source project.
- RCSJTA means « **RCS Java Terminal API** », a Java/Android Terminal API.
- The project is available at <https://code.google.com/p/rcsjta/>.
- The project offers a Reference Implementation (RI) of a RCS-e service for the Android platform only.
- The project contains:
 - a RCS stack offering the background RCS service on a device.
 - a RCS API on top of the stack used by applications (native Address Book, Messaging, Dialer apps or any other third party apps).
 - Several tools to test the RCS service.
 - Docs (samples of code, API Javadoc, etc.).

Repository

- All the source code, docs, tools and samples of the project are under Apache 2 license.
- The repository is managed via GIT a distributed revision control and source code management (SCM) system.

How to report a bug

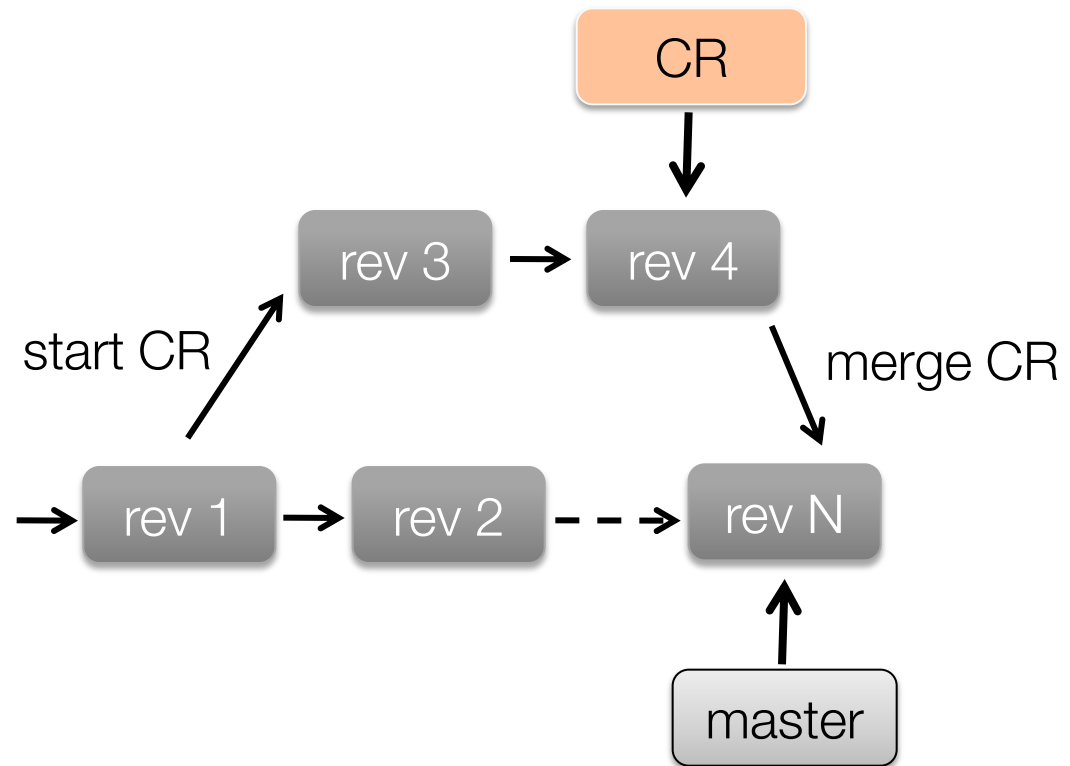
- Create a new Issue from the RCSJTA web site at <https://code.google.com/p/rcsjta/issues/list>.
- For any Issue:
 - Describe in detail the error.
 - Describe the way to reproduce the issue if possible.
 - Give any information of the OS platform (Android release at least).
 - And the most important: add device traces (ie. logcat output).
- The Issue will be corrected asap by the core open source team depending on the issue priority .
- Any developer can also propose a fix for the issue which will be merged by the core team after a code review.

How to contribute to the API

- Any modification on the API should be agreed by GSMA, OEM, and Telcos during a dedicated meeting.
- For any API change request or proposed evolution:
 1. Create a new CR (Change Request) document based on the following template « /docs/CR/RCSJTA_TT_CR_Template.doc ».
 2. Ask for a review (contact is Kelvin Qin at GSMA).
 3. When the CR is agreed after several reviews between standardisation actors, an implementation is proposed from a dedicated GIT branch in the RCSJTA repository.
 4. The core team reviews the CR implementation and decide to merge it or not in the master branch.
- The current API release is available at <https://rcsjta.googlecode.com/git/docs/index.html>.
- All API CRs are stored in the RCSJAT repository at « /docs/CR ».

How to contribute to the API

- CR implementation process:



How to contribute to the stack implementation

- For any source code fix or proposed evolution:
 1. Create a new Issue from <https://code.google.com/p/rcsjta/issues/list>.
 2. Attach source code or GIT branch to be merged.
 3. Request a code review to the core team.
 4. The core team reviews the implementation and decide to merge it or not in the master branch.

Next steps

- Features to be implemented: