RCSJTA implementation
Reporting

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07/04/2014

March 2014

- Bug fixes.
- SONY collaboration:
  - 3 developers from SONY with Orange Labs team during 3 weeks.
  - Accelerate the RCSJTA API integration.
  - Define new CRs (Change Request) on the API.
  - SONY is the first OEM integrating the API.
- New Multimedia Session API:
  - Internalization of the SDP negociation and media protocol in the API side.
  - Update feature tag syntax as defined in RCS 5.2 specification.

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- Close the old open source repository:
  - RCSJTA becomes the official repository:
    https://code.google.com/p/rcsjta/
  - No more effort on the old repository.
  - Accelerate the adoption of the GSMA API by the ecosytem.
- Merge the last RCS stack release (ie. v2.5.17) from the old repository.
- Define rules for open source collaboration under the RCSJTA repository.
- Continue SONY collaboration:
  - Daily workshop.
  - Produce new CRs.

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- New CRs from SONY & Orange Labs:
  - CR001 « General API review »: general API update after Balckbird implementation (missing API for geoloc service, new RCS 5.2 syntax for feature tag extensions, new automata flag in capabilities, BLOB type for chat messages, missing chat ID in the file transfer Intent, missing display name in databases).
  - CR002 « New Multimedia Session API »: internalize the media in the API and update feature tag to 5.2 syntax.
  - CR003 « Application identification »: define an application ID to identify the application using the API.
  - CR004 « URI for filename »: use Uri instead of local filenames in order to take into account Cloud storages defined under Android Kikat release.
  - CR005 « Delete methods for databases »: control the deletion of database entry in order to cancel the corresponding session which are in progress.

See https://code.google.com/p/rcsjta/source/browse/#git%2Fdocs%2FCR%2FCR_blackbird_5.2

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- New CRs from SONY & Orange Labs:
  - CR006 « Missing capabilities »: add a file transfer thumbnail capabilities to avoid the UI to select a thumbnail if finally the remote don't support it.
  - CR007 « Service API »: add an Intent when service is UP.
  - CR008 « Messaging API »: messaging API refactoring with new database structure, queueing, .etc.
  - CR009 « Reason code »: for multidevice usecases to indicate that the call is aborted because the call has been taken by the other device. And more details in history logs concerning errors or failures.
  - to be completed.

See https://code.google.com/p/rcsjta/source/browse/#git%2Fdocs%2FCR%2FCR_blackbird_5.2

Next steps

- Review and validate CRs with GSMA (action Kelvin Qin).
- RCS 5.2 features implementation in stack and API.
- Security module and API protection (see Paddy specification).
- Priorize implementation tasks and define a detailed roadmap.
- Update API test harness with new API definition.
- Study the future Google Android IMS layer (API for RCS?).