

List of Fixed Bugs in SipTK v2.2.2.5

The following issues have been fixed or added in version 2.2.2.5 since version 2.2.1.7. Each item provides a classification, a fix description, a list of files modified in fixing the problem and the scope of the fix (the party interested in this fix).

	Classification	Bug Description	Files Changed	Scope
37	BUG	Locking mechanism problem – In rare cases when using a large amount of threads, locking was not done properly.	CallLegObject.c, SubsObject.c,SubsObject.h, TransactionObject.c, RegClientObject.c, RegClientObject.h	Multithreaded applications.
36	BUG	Outbound message was not used for rejecting\accepting BYE requests. Also when the call-leg terminated, it did not check to see if there is still an outbound message that needs to be destructed.	CallLegObject.c CallLegSession.c	Customers that use the manual behavior option.
35	BUG	When printing TCP messages to the log, there was a problem if the previous message was longer than the current messages. The end of previous message was printed with the current message.	TransportMsgBuilder.c	Everyone (effects only logging)
34	BUG	Endless loop in TIMER_Handle.	TIMER_API.c	UNIX applications.
33	BUG	Problem when calling timer_InitThread() for the second time (resources are reset).	TIMER_API.c	Everyone
32	BUG	When working with stress, timers did not expire on time since the select was set with a large (negative) number.	TIMER_API.c	Multithreaded applications
31	BUG	RTP – it was impossible to construct the RTP Stack after the SIP Stack.	RTCP.c RTP.c	RTP users
30	FEATURE	Local address added to Reg-Client.	RvSipRegClient.c RvSipRegClient.h RegClientObject.c RegClientObject.h	Everyone
29	FEATURE	Win CE support.	core files	Wince users
28	BUG	The function RvSipTransactionGetCurrentLocalAddress didn't return the correct address type. Bug was fixed.	TransactionObject.c, TransportTCP.c	Users of this API
27	FEATURE	New function was added: RvSipCallLegGetNewReplacesHeaderHandle	RvSipCallLeg.c RvSipCallLeg.h	Everyone
26	STANDARD	The SIP Stack now allows sending INVITE resulting from REFER with no Referred-by header	CallLegRefer.c	Everyone
25	FEATURE	Changes the order of PRACK events. First the invite transaction assumes the PRACK_COMPLETED state and only then the Prack transaction moves to the PRACK_RESPONSE_RECEIVED state. This enables sending another PRACK from the Prack event of the call-leg.	TransactionControl.c, TransactionState.c	Everyone
24	STANDARD	Detaching from BYE transaction before terminating a call-leg so that the BYE will remain alive until its timer expires.	CallLegTranscEv.c	Everyone
23	BUG	Terminating a NOTIFY in the Terminated state now returns success instead of failure.	RvSipSubscription.c	Applications that use subscriptions

22	BUG	A subscription is no longer terminated on an internal failure, such as a "notify time out".	SubsObject.c, _SipSubs.c	Applications that use subscriptions
21	FEATURE	Functions to get the computer local address where added.	RvSipTransport.c RvSipTransport.h	Everyone
20	CRASH	Calling Disconnect on a terminated call-leg caused a crash. Now the function returns Success.	CallLegSession.c	Everyone
19	BUG	INVITE Authentication credentials were copied to the ACK even if they were not calculated in the client (just forwarded using a B2B).	CallLegAuth.c, CallLegAuth.h, CallLegMsgEv.c	B2B applications
18	BUG	When redirecting a SUBSCRIBE, the first redirected contact was not set as the new dialog contact.	_SipCallLeg.c, _SipCallLeg.h, SubsObject.c	Applications that use subscriptions
17	BUG	When A UAS receives NOTIFY with the Refer event, it will now respond with 200 only if the REFER was initiated by it previously. This means that a B2B that only forwarded the REFER will also forward the NOTIFY.	_SipCallLegMgr.c, CallLegObject.c, CallLegObject.h, CallLegRefer.c, CallLegRefer.h	B2B applications
16	BUG	Events that were inserted into the queue in a specific order were removed from the queue in a different order. The fix was to replace the heap under PQUEUE to a regular RLIST. The fix also includes adding a "name" to the queue for logging purpose.	PQUEUE_API.c, PQUEUE_API.h, RV_ModuleNames_DEF.h, _SipTransport.c	Everyone
15	BUG	When an outbound proxy is used, enables the usage of non-SIP URLs.	TransactionObject.c, TransactionTransport.c	Everyone
14	FEATURE	Add function to get the SELI handle of the RTP	RTP.c , RTP.h	RTP users
13	RESOURCE	Timers out of resource were not recovered. From the first "out of resource" there were no longer timers in the system. This bug was fixed.	unix\THREAD.h, unix\TIMER_API.c, unix\TIMER_API.h, windows\THREAD.h, windows\TIMER_API.c, windows\TIMER_API.h, _SipTransport.c	Multithreaded applications
12	FEATURE	Resource status was added for the processing queue and the received buffer.	RvSipResourcesTypes.h, _SipTransport.c	Everyone
11	BUG	Terminated event on hidden call-leg was removed.	CallLegObject.c	Applications that use subscriptions
10	BUG	IPv6 for windows XP - enabling 0:0:0:0:0:0:0 notation.	windows\LI_API.c	Windows users
9	BUG	Deadlock - bug fix - /unix/SELI_API.c - releasing lock before callback.	unix\SELI_API.c	UNIX multithreaded applications
8	BUG	Subscription bug fix - enables response for Notify (active) in Unsubscribe state.	SubsNotify.c	Applications that use subscriptions
7	BUG	Multi Instance bug - on Windows - on the second call to LI_init the sockets array was set back to 0, removing all existing connections from previous call.	windows\LI_API.c	Windows multi-instance applications.
6	BUG	Remove DNS on ACK for a non 2xx.	TransactionTransport.c	Everyone
5	BUG	Fix in the rtpDtmfEventPack() function - bad type cast.	trp\payload.c	RTP DTMF users
4	BUG	Fix in the RvSipTransactionMgrSendOutOfContextMsg() function - Removed top Via header after the destination address was resolved (and not before).	TransactionTransport.c	Proxy applications

3	BUG	Makefile of the message directory included the Allow header file twice.	message\makefile	UNIX applications
2	BUG	Other header name was case-sensitive (not according to Standard).	RvSipMsg.c	Everyone
1	CRASH	Subscription bug fix - Stack crashed on low resources	_SipSubsMgr.c,SubsObject.c	Applications that use subscriptions

Type	Type Description
STANDARD	SIP Definition corrected.
BUG	Bug fix in the code or the test application.
CRASH	Crash occurred because of this bug.
RESOURCE	Resource of the Stack leaked.
PACKAGE	Bug was in the way the package was archived or supplied.
FEATURE	Added feature to the version that wasn't included previously.

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