

OsmoGSMTester - Feature #2432

ofono: Find out how to receive Status / Delivery report

08/10/2017 04:26 PM - pespin

Status:	New	Start date:	08/10/2017
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:			
Target version:			
Spec Reference:			
Description			
According to doc, SMS delivery reports can be enabled using the following setting:			
<pre>mdbus2 -s org.ofono \$MODEM org.ofono.MessageManager.SetProperty UseDeliveryReports true</pre>			
However, I couldn't find good documentation on how to actually manage or receive the delivery reports. Are they received as normal messages with "MessageAdded" signal or similar?			
Maybe by keeping the messages in status=pending until the report is received? (see https://git.kernel.org/pub/scm/network/ofono/ofono.git/tree/doc/message-api.txt), but in this case, how to differentiate between "already sent and waiting for report" and "yet to be sent to the network" ?			
Is this implemented in ofono drivers? For which of our modems?			
After latest commits in openbsc implementing delivery report, I tried doing some tests with osmo-gsm-tester -s debug -t interactive but I don't seem to find out how I can check this.			
This is the output I get from signals while using the "sms" command from interactive.py inside osmo-gsm-tester, and although UseDeliveryReports is enabled, I see nothing related to delivery reports:			
<pre># mdbus2 -s org.ofono -l -p -a [SIGNAL] org.ofono.MessageManager.MessageAdded /sierra_1 :1.10822 ('/sierra_1/message_28BEB8DC32FA97C3499BB85B3E1C0EDAD56FD8C8', {'State': <'pending'>}) [SIGNAL] org.ofono.MessageManager.MessageAdded /sierra_1 :1.10822 ('/sierra_1/message_E6935E84DD80A97C93F40AF6EAD3C7D9A251210C', {'State': <'pending'>}) [SIGNAL] org.ofono.MessageManager.MessageAdded /sierra_2 :1.10822 ('/sierra_2/message_0687C48D6FC2FA443E77116F1CE20224EA65AADE', {'State': <'pending'>}) [SIGNAL] org.ofono.MessageManager.MessageAdded /sierra_2 :1.10822 ('/sierra_2/message_00F88A55A97AE519199293C11D38133AD3AC59FE', {'State': <'pending'>}) [SIGNAL] org.ofono.Message.PropertyChanged /sierra_1/message_28BEB8DC32FA97C3499BB85B3E1C0EDAD56FD8C8 :1.10822 ('State', <'sent'>) [SIGNAL] org.ofono.MessageManager.MessageRemoved /sierra_1 :1.10822 ('/sierra_1/message_28BEB8DC32FA97C3499BB85B3E1C0EDAD56FD8C8',) [SIGNAL] org.ofono.Message.PropertyChanged /sierra_2/message_0687C48D6FC2FA443E77116F1CE20224EA65AADE :1.10822 ('State', <'sent'>) [SIGNAL] org.ofono.MessageManager.MessageRemoved /sierra_2 :1.10822 ('/sierra_2/message_0687C48D6FC2FA443E77116F1CE20224EA65AADE',) [SIGNAL] org.ofono.Message.PropertyChanged /sierra_2/message_00F88A55A97AE519199293C11D38133AD3AC59FE :1.10822 ('State', <'sent'>) [SIGNAL] org.ofono.MessageManager.MessageRemoved /sierra_2 :1.10822 ('/sierra_2/message_00F88A55A97AE519199293C11D38133AD3AC59FE',) [SIGNAL] org.ofono.Message.PropertyChanged /sierra_1/message_E6935E84DD80A97C93F40AF6EAD3C7D9A251210C :1.10822 ('State', <'sent'>) [SIGNAL] org.ofono.MessageManager.MessageRemoved /sierra_1 :1.10822 ('/sierra_1/message_E6935E84DD80A97C93F40AF6EAD3C7D9A251210C',) [SIGNAL] org.ofono.MessageManager.IncomingMessage /sierra_1 :1.10822</pre>			

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('message nr. 1, from /sierra_1, to /sierra_1, from 26043, to 26043', {'LocalSentTime': <'2017-08-10T17:56:34+0200'>, 'SentTime': <'2017-08-10T15:56:34+0000'>, 'Sender': <'26043'>})  
[SIGNAL] org.ofono.MessageManager.IncomingMessage /sierra_2 :1.10822  
('message nr. 4, from /sierra_2, to /sierra_2, from 26044, to 26044', {'LocalSentTime': <'2017-08-10T17:56:35+0200'>, 'SentTime': <'2017-08-10T15:56:35+0000'>, 'Sender': <'26044'>})  
[SIGNAL] org.ofono.MessageManager.IncomingMessage /sierra_1 :1.10822  
('message nr. 3, from /sierra_2, to /sierra_1, from 26044, to 26043', {'LocalSentTime': <'2017-08-10T17:56:36+0200'>, 'SentTime': <'2017-08-10T15:56:36+0000'>, 'Sender': <'26044'>})  
[SIGNAL] org.ofono.MessageManager.IncomingMessage /sierra_2 :1.10822  
('message nr. 2, from /sierra_1, to /sierra_2, from 26043, to 26044', {'LocalSentTime': <'2017-08-10T17:56:37+0200'>, 'SentTime': <'2017-08-10T15:56:37+0000'>, 'Sender': <'26043'>})
```

History

#1 - 10/17/2017 11:31 AM - pespín

- Priority changed from Normal to Low

#2 - 02/18/2019 03:43 PM - pespín

Related information/discussion can be found in this ofono ml thread: <https://www.mail-archive.com/ofono@ofono.org/msg18643.html>

#3 - 02/18/2019 03:43 PM - pespín

- Subject changed from ofono: Find out how to receive Status / Delivery report to ofono: Find out how to receive Status / Delivery report

#4 - 01/08/2020 10:51 PM - laforge

- Assignee deleted (lynxis)