



GLOBAL MOBILE MESSAGING

Field Definitions

CDR REPORTING

Wednesday, April 11, 2007

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1 Introduction

Authorized customers can retrieve daily reports on message traffic from a Quios FTP server. This document provides information on how to access the CDR reports and documents the field definitions of the CDRs.

2 Accessing FTP site

The CDR files are located at <ftp://quiossupport.com>. Please obtain a username and password from Quios. With this username and password you will have access to a directory where all CDR reports are posted on a daily basis.

There are 2 types of CDR files:

cdr_new_XXXX_YYYYMMDD_final.zip

cdr_new_XXXX_YYYYMMDD_preliminary.zip

Where:

XXXX = Unique customer ID

YYYYMMDD = Date stamp

The 'preliminary' file is posted to the FTP site roughly 1 hour after midnight GMT every day. The 'final' file is posted 3 days later. The preliminary file will contain all records of all messages sent that day, but the final status of these messages could still change. This happens when the user requests a 'handset delivery receipt' and such receipt may come in up to 2-3 days after the message has been sent in some exceptional circumstances (example: the consumer's phone was turned off when the message was originally sent. The SMSC may retry to send the message for up to 2 days or more).

This means that the ONLY difference between 'preliminary' and 'final' files will be the status of selected messages. Preliminary and final files will contain exactly the same amount of records.

3 Field Definitions

The definition of the CDR fields is explained in below Table 3-1.

Table 3-1 Field Definitions CDR Format

Parameter	Constraints	Meaning
message_log_id	(Quios Internal)	Internal identifier used by Quios
sms_log_id	(Quios Internal)	Internal identifier used by Quios
pe_sms_log_id	(Quios internal)	Internal identifier used by Quios
account_name		Name of the user account used to submit (MT) or receive (MO) the message.
unique_id		ID uniquely identifying the SMS. The Unique ID can be provided by customer upon submission of the message, or if not, will be provided by Quios. The ID needs to be unique over the lifespan of the customer's account.
msisdn		Destination phone number.

Parameter	Constraints	Meaning
country_name		Country where the message originates from (MO) or is sent to (MT).
carrier_name		Name of the wireless carrier the message originates from (MO) or is sent to (MT)
flow_type_name	application-to-person person-to-application application-to-application delivery-receipt	Describes the message flow type: <ul style="list-style-type: none"> - application-to-person: MT - person-to-application: MO
keyword	MO only	The first word of the MO message
keyword_two	MO only	The second word of the MO message
sms_length	MO only	The total length of the MO message
created	YYYYMMDDHHMMSS	Timestamp of receipt of the message by Quios
arrived	YYYYMMDDHHMMSS	Timestamp of when Quios started processing the message (delay may be caused by use of the scheduled delivery feature or by account throttling limits)
deltosmsc	YYYYMMDDHHMMSS	Timestamp of when Quios delivered the message to the destination carrier.
drstamp	YYYYMMDDHHMMSS	Timestamp of when the handset received the message
originator		Message originator
disposition	Processing tested waiting failure final success	Final outcome of the message, defined as follows: <ul style="list-style-type: none"> - <u>processing</u>: message is sitting in Quios platform - <u>tested</u>: test message - <u>waiting</u>: message has been delivered to carrier, we're waiting to receive an update on the status - <u>failure</u>: message has failed - <u>final</u>: message was delivered to the carrier. We won't be receiving any further updates - <u>success</u>: message was successfully delivered to the handset
phase	Sync submission response async submission response delivery status from eWingz delivery status from gateway delivery status from SMSC delivery status from handset	Used in combination with 'result'. Phase tells you where we received the result from.
result	See http://www.quios.com/docs/Quios_respcodes.pdf	Provides detailed description of the message status. Most common use will be 'message accepted'. In case of failed message, 'result' will give you the reason for failure. Example: invalid number, no route to subscriber, etc.

Parameter	Constraints	Meaning
notification	none quios handset	Notification level requested by customer upon message submission: <ul style="list-style-type: none">- <u>none</u>: customer doesn't want any type of notification- <u>quios</u>: customer wants to know when quios delivered the message to the carriers- <u>handset</u>: customer wants to know when the carrier delivered the message to the handset
billable	Y N	Specifies if this message is billable to customer or not. Generally messages become billable from the moment Quios delivers the message to the downstream provider.

4 Appendix C: Document change log

Date	Section	Description of change
20051215	All	New Document