# Name

PickQUEDSMSFromInbox

# Synopsis

#include “functions.h”

void \*PickQUEDSMSFromInbox(void \*p)

# Description

The PickQUEDSMSFromInbox is used to pick records from smsinbox table with the query given bellow:

**SELECT srcMN, dstMN, msg, rcvTime, msgID, msgStatus, retryCount, refID, channel, srcAccount FROM smsinbox WHERE msgStatus = 'QUE' LIMIT limiting\_value.**

The limiting\_value is determined by the application variable currently named as tpsMultiplierFactor.

The function performs bellow mentioned activities sequentially:

1. Stores each record in an enrtry variable which is a type of defined data structure called smsinbox.
2. Each entry is pushed in the ipc queue named SMS\_INBOX\_QUE using insertIntoInboxSingleMemoryQue() function.
3. A query is crated for batch update of the record msgStatus from QUE to PROCESSING according to msgID using makeSMSBatch() function.
4. Performs UPDATDE operation with the query **UPDATE smsinbox SET msgStatus = 'PROCESSING' WHERE msgID in strBatch**

Where strBatch is an application character array which is formed by the makeSMSBatch() function mentioned above.

# Return values

PickQUEDSMSFromInbox is a subroutine which is used by a thread belongs to smsHandler.cpp. As a linux thread subroutine, a void casted pointer p is passed as the argument and the function returns NULL implicitly. In the application, the pointer p is NULL.

# Errors

# Notes

## Log Descriptions

Log Name: DB2QUE