

## MMS web publishing database administration

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With MMS FoxBox, publishing photos received by MMS is really easy!

All you need is a normal SIM card MMS enabled. Configure the MMS foxbox to receive message sfrom your operator following MMS CONFIGURATION.

Each time a MMS message was received, MMS FOXBOX will insert Message details inside the embedded SQLITE database. The db mms.sqlite is located into /mnt/flash/root/db and contains 2 tables:

- 1- Incoming
- 2- Media

Table Incoming fields are: id, subject, fromnum, carboncopy, bcarboncopy, contenttype, timestdel, deliverydate, and messagesize.

id: is the identification provided by the carrier and is unique and used as primary key

subject: is the subject of the MMS message

fromnum: conatins the sender number

carboncopy: contains the number in CC to the MMS (usually NULL)

bcarboncopy: as CC contains the BCC number (usually NULL)

contenttype: type of MMS usually application/vnd.wap.multipart.related

timestdel: is the timestamp of delivery

messagesize: Size of the MMS in Kbytes

Table Media fields are:

id, mtype, fromnum, ext, filename

id: is the identification provided by the carrier and is unique and used as external key for Incoming to media 1:n relation.

mtype: Is the mime type of the media ex. application/smil, image/jpeg, image/gif or text/plain for the text of the message

fromnum: the number of the sender (usefull for data check and abuse)

ext: the extension of the file.jpg, .gif, .txt etc...

filename: the filename of the media with full path (usefull to switch storage for ex. USB KEY or external harddrive)

All media are saved in /mnt/flash/root/documents and vailable over webdav, FTP and SSH.

The online MMS gallery LIVE DEMO (<http://demo.kdev.it/mms.php> ) use WEBDAV to publish the DB mms.sqlite and all the media on this frontend webserver.

You can administer all databases by connecting to [http://YOUR\\_FOXBOX/sqladmin/index.php](http://YOUR_FOXBOX/sqladmin/index.php) and execute custom queries, create triggers dump data using SQLITE MANAGER.