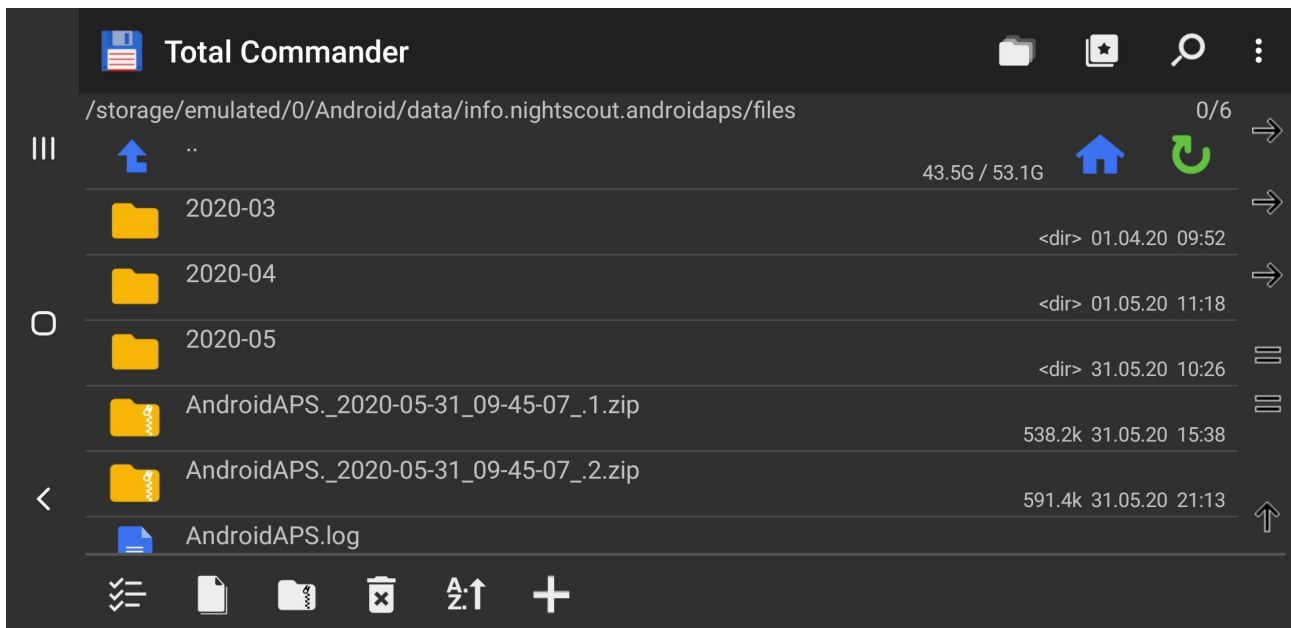# The AAPS logfile system

Where can you find those logfiles? They are stored on the phone in the logfolder „storage/emulated/0/Android/data/info.nightscout.androidaps/files".

The current logfile is named „AndroidAPS.log". All messages are appended until it reaches a size of about 5MB. Once that happens it is converted into a zip archive and a fresh logfile is started.

Those zip archives accumulate on the phone in the logfolder and occupy about 0.5MB each. The only time they are deleted is when installing a new release of AAPS. So if you want to keep them for later reference you should copy them elsewhere, e.g. to a USB drive.

The zip archives are named like „AndroidAPS._2019-11-13_00-00-00_.7.zip", the logfile contained whithin the zip would be named „AndroidAPS._2019-11-13_00-00-00_.7". Obviously the names help to find the correct day. Within a day the files are numbered sequentially, here „7". Some events like rebooting the phone trigger a restart of the naming and the time part of the filename reflects that time and may looks like „.._15-30-45_.0" which by the way also restarts the counter field at the end.

Depending on the activity in the loop there may be more or less messages. Normally I end up with 5 to 12 logfiles per day and in my first year of looping I collected 2500 logfiles. The folder would therefore become very messy and I create subfolders for each month, both on the phone and in the offline backup.

The logfiles are plain text files which can be inspected with a standard editor. They contain more information than stored in Nightscout. You need to get used to the code words for the various messages. For example you may look for words like „alarm" or „pump" or „ruffy" when chasing for a pump problem.