

The Mediatek logo consists of an orange parallelogram with the word "MEDIATEK" in white, uppercase, sans-serif font.

MEDIATEK

WhatsTemp User Guide

2015/10/30
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Agenda

- Tool functions
- User interface
- Batch files

Tool functions

- **Log**
 - Log information in a csv file
- **Tool configuration file**
 - Ease to add/remove information
 - No need to recompile apk
- **Timeout**
 - Add a timer to stop recording
 - Default: No timeout
- **Command mode**
 - Use adb mode to control the tool
- **Wake lock**

Tool functions

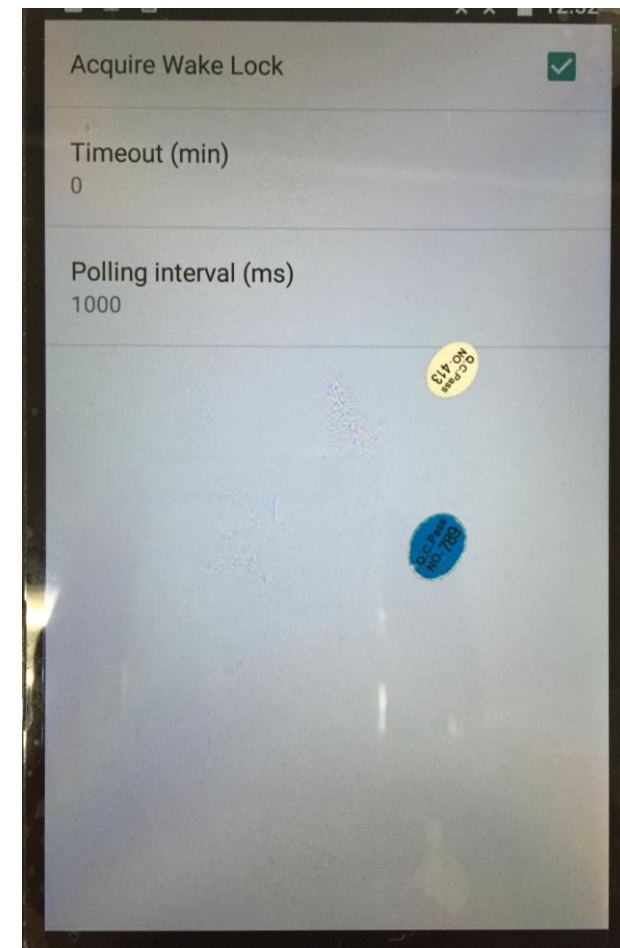
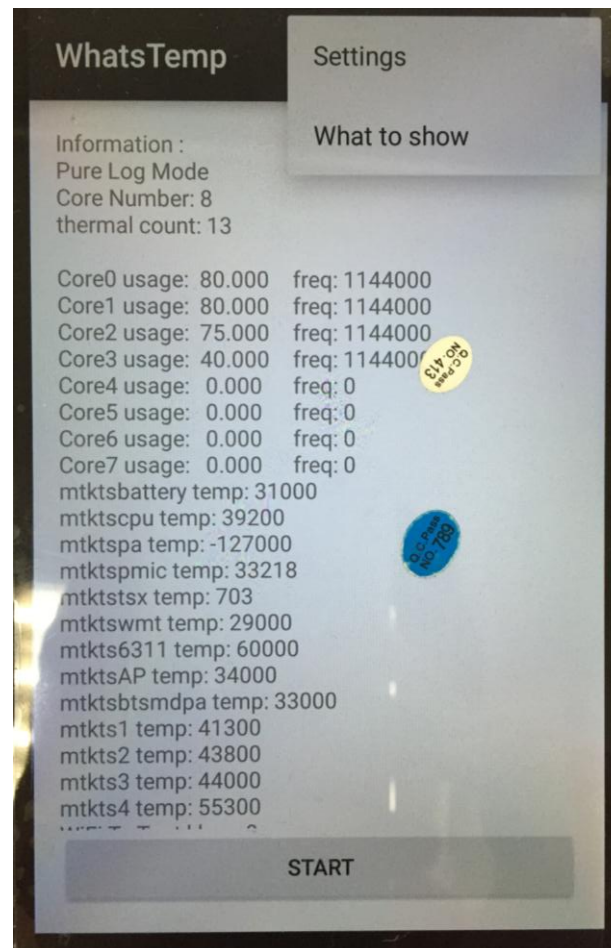
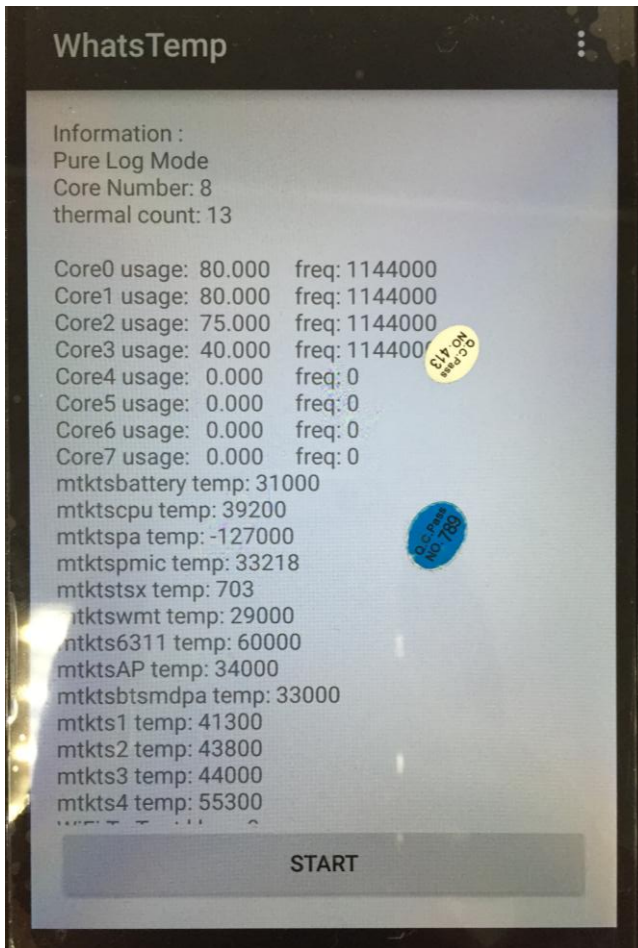
- **Polling interval**

- Adjustable polling interval
- Must be 100ms or longer
- Default: 1000ms

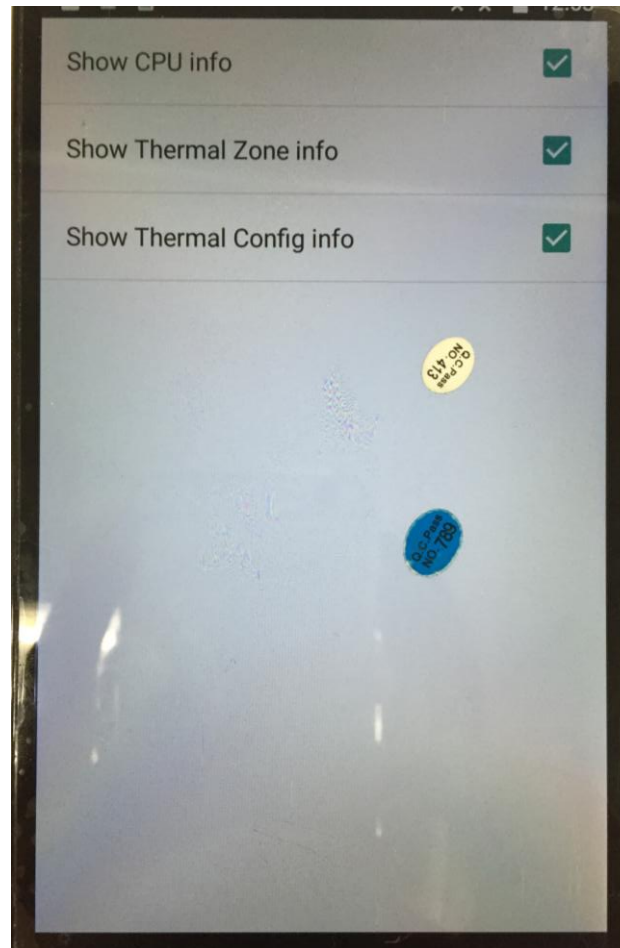
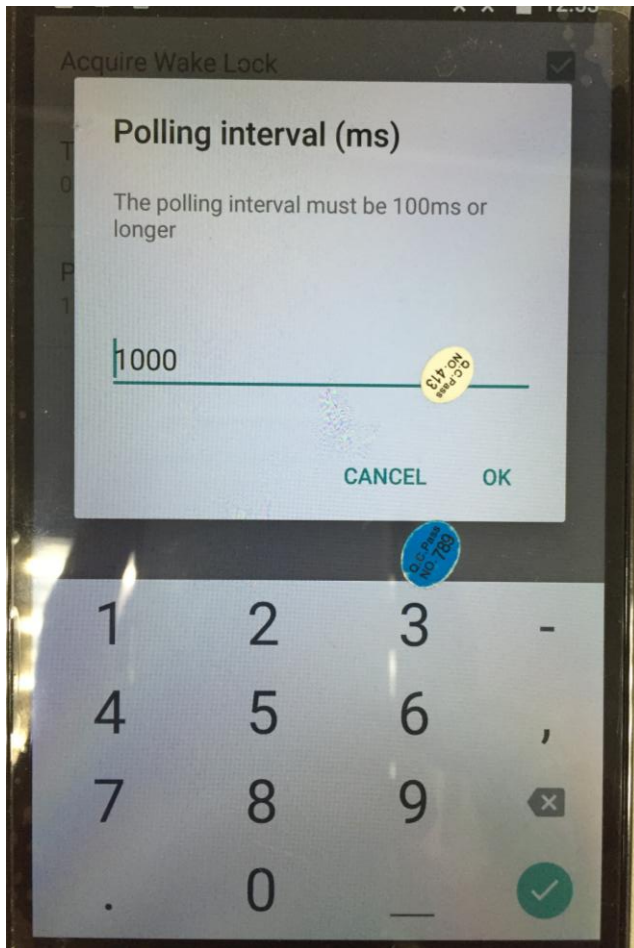
- **What to show**

- Able to choose what you want to see.
- Three information group
 - CPU info
 - Thermal zone info
 - Thermal config info

User interface (1/2)



User interface (2/2)



Tool configuration file

```

1  # Mediatek
2  /proc/wmt_tm/tx_thro
3  WiFi Tx Tput kbps
4  /proc/mobile_tm/tx_thro
5  MD Tx Tput kbps
6  /proc/fps_tm/fps_count
7  FPS
8  /sys/class/power_supply/battery/batt_temp
9  Tbat
10 /sys/class/power_supply/battery/batt_vol
11 Vbat
12 /sys/class/power_supply/battery/BatteryAverageCurrent
13 Ibat
14 /proc/thermlmt
15 CPU limit,GPU limit,GPU Usage,GPU f,TTJ
16 # Titan
17 /sys/devices/platform/s5p-tmu/temperature
18 s5p-tmu

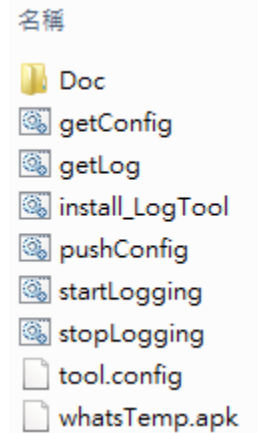
```

A line starting with “#” is a line comment

A file node
The node name

Batch files (1/3)

- **getConfig.bat**
 - Get the tool config file from the phone
 - Put it into a folder set up by date
- **pushConfig.bat**
 - Apply a tool config file to the phone.
 - Step 1, name your file “tool.config”
 - Step 2, run the batch file



Batch files (2/3)

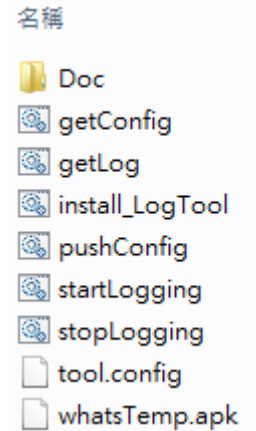
■ startLogging.bat

— Start the log tool

- The default is no timeout.
- To set a timeout, change the command in the file
 - adb shell am startservice -n
com.example.mtk10263.whatsTemp /.GetInfo_Service --ei t **0**
(Note: 0 = no timeout, 1 = 1 minute, and so on)

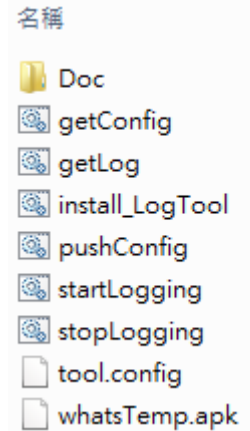
■ stopLogging.bat

— Stop the log tool



Batch files (3/3)

- **getLog.bat**
 - Get and remove all logs on the phone
 - Group them into a folder set up by date
 - Notice: It will stop logging before getting logs
- **install_LogTool.bat**
 - Install the apk and push the default tool config file



APPENDIX