

UPDD Monitor Metrics

It is important that the driver keeps a view of the system monitor layout so that it can direct the point of touch to the correct position within the system's monitor metrics. Given the driver process executes in a context where it might not have access to information about system monitor layouts this information is also held in the UPDD settings file tbupdd.ini in the setting monitorsetupmetrics

Example

monitorsetupmetrics=**0:0:1079:1919**:5760:0:1079:7679:**0:0:1079:1919**:3840:0:1079:5759:1920:0:1079:7679

Each group of 4 colon separated numbers gives the left , top, right, bottom co-ordinate of a monitor.

The first group is the primary monitor.

The second is the monitor 1 as seen by UPDD.

The third is monitor 2 as seen by UPDD.

And so forth.

In the example above it can be seen that Monitor 2 is set as the primary monitor.

For the positions that do not have an associated monitor (marked in green in the 4 monitor example above) the primary monitor values are recorded.

These value are set

- 1) On Windows during execution of the setup program.
- 2) During execution of the calibration program (All OS)
- 3) At system startup by aidaemon (All OS)
- 4) Optionally when a display setting changes by aidaemon. For this the dynamicmonitormetricssetting must be set which is by default on. If on (1) aidaemon recreates monitorsetupmetrics whenever a display change message is issued. Currently Windows only. This also caters for the relocation of the primary monitor.

This is a recent change in 5.1.1122 driver and hopefully will not cause any issues, especially when rotating in an extended desktop environment. In our tests all appears to work as expected.

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<http://kb.touch-base.com/KnowledgebaseArticle50033.aspx>