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Thermal user space interfaces: Optimizing user kernel interfaces

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The current interfaces for thermal sysfs are really designed for mostly debug and not optimized to handle thermal events in user space. The current notification mechanism using netlink sockets is slow and adds additional computation and latency. The same things hold true for sysfs based reading of temperature, which needs constant polling to identify trend.

In the past I proposed bridge to Linux IIO, which was agreed in principal but never merged to the main line Linux. Here I will propose one more solution for further discussion.

I agree to abide by the anti-harassment policy

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