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Combining DTPM with the thermal control framework

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The DTPM framework and the thermal control framework are using the same algorithm and mechanism when the power numbers are involved. That results in duplicated code.

The DTPM framework interacts with the user space but nothing prevent to provide an in-kernel API where the power based cooling devices can directly act on. That will result in a simpler code and very explicit power value usage. In addition, if the SCMI is supported by DTPM, no changes will be needed in the thermal cooling devices. The result will be one generic power based cooling device supporting any device (devfreq, cpufreq, …) with an energy model (DT or SCMI based).

I agree to abide by the anti-harassment policy

Yes

Primary author: LEZCANO, Daniel (Linaro)

Presenter: LEZCANO, Daniel (Linaro)

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