Leveraging Energy-Aware Programming Techniques to Build Energy-Efficient System Software

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Examining and optimizing system software for low energy demand is a challenging task. However, it is of ecological, economical, and technical importance to improve the energy footprint caused by program code. Deficiency in adequate tooling support is a major issue, especially for system architects and programmers who build energy-aware computing systems. The talk "Leveraging Energy-Aware Programming Techniques to Build Energy-Efficient System Software" discusses today’s best practices in energy optimization of software, and shows how software developers benefit from recent research on energy-aware programming techniques to reduce the energy demand of their program code.

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