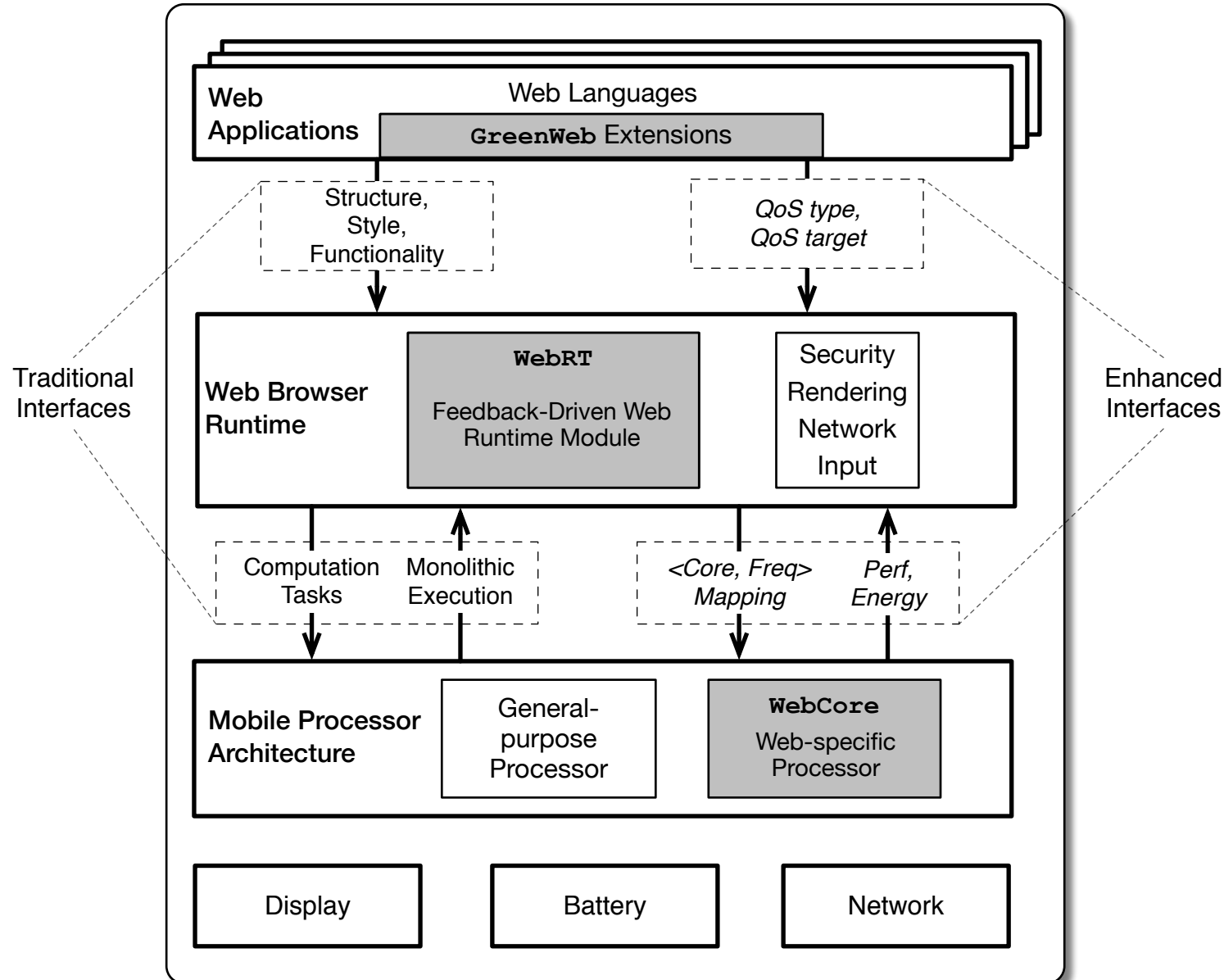# Mobile Web Computing Statck

Research Contributions

Energy-Aware Web Language Extensions (§ 6)
- ➤ eQoS: QoS, Perf. and Energy Trade-offs
- ➤ QoS Type and QoS Target Abstractions
- ➤ GreenWeb Language Design

Energy-Efficient Web Browser Runtime (§ 5)
- ➤ LTM User-Application Interaction Model
- ➤ Webpage-aware Scheduling
- ➤ Event-based Scheduling

Web-specific Mobile Processor Architecture (§ 4)
- ➤ General-purpose Core Customization
- ➤ Specialized Domain-specific Accelerator

Device-level Characterizations (§ 3)
- ➤ Network vs. Compute Performance Analysis
- ➤ Display vs. Radio vs. Compute Power Analysis