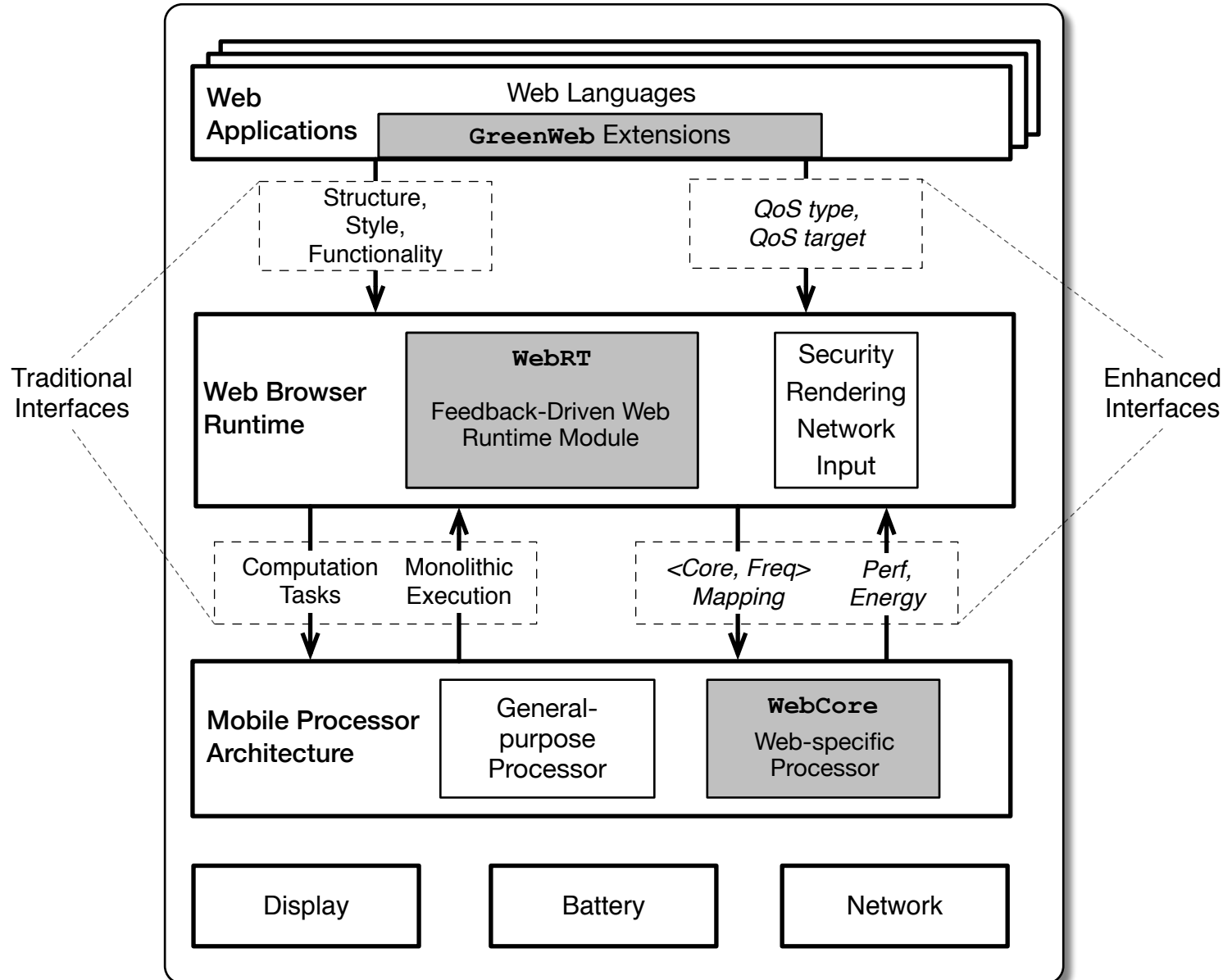


# Mobile Web Computing Statck

## Research Tasks



### Energy-Aware Web Language Extensions (§ 5)

- eQoS: QoS, Perf. and Energy Trade-offs
- GreenWeb Language Design

### Energy-Efficient Web Browser Runtime (§ 4)

- LTM User-Application Interaction Model
- Webpage-aware Scheduling
- Event-based Scheduling

### Web-specific Mobile Processor Architecture (§ 3)

- General-purpose Core Customization
- Specialized Domain-specific Accelerator

### Device-level Characterizations (§ 2)

- Network vs. Compute Performance Analysis
- Display vs. Radio vs. Compute Power Analysis