Understanding Energy Behaviors of Thread Management Constructs — Remaining Data

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1. Introduction

In this technical report, we present the remaining data for the paper published in OOPSLA'14.

2. Figures: Varying Size of Data

3. Figures: Task-Centric Approach

4. Figures: Data-Centric Approach

5. Figures: Coping vs Sharing

6. Figures: Forking Width

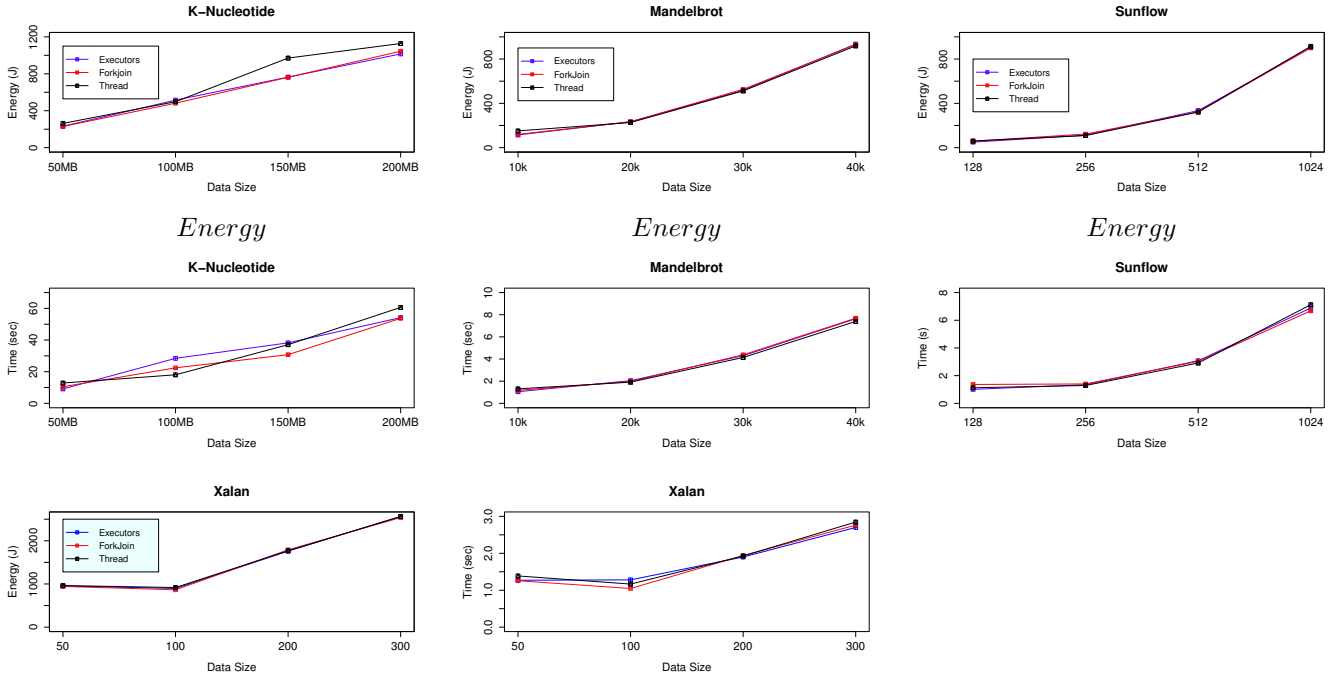

Figure 1. Energy/Performance: Data Size

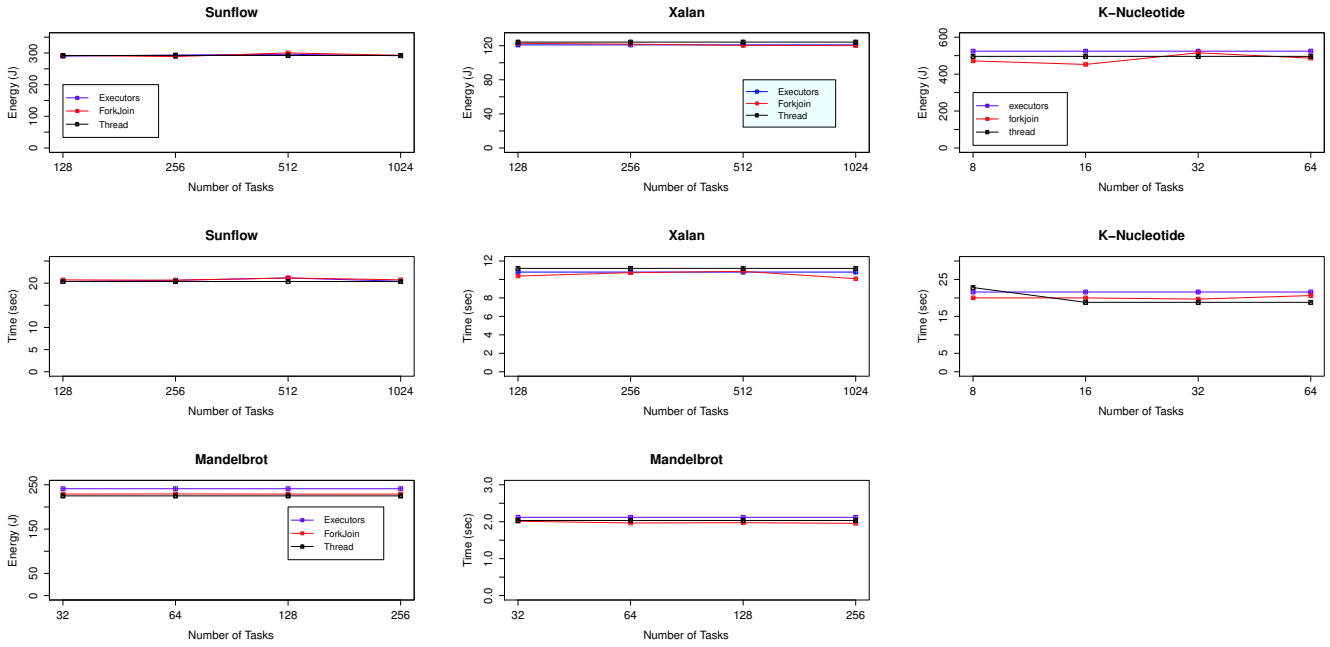

Figure 2. Energy/Performance: Task Granularity in a Task-Centric Approach

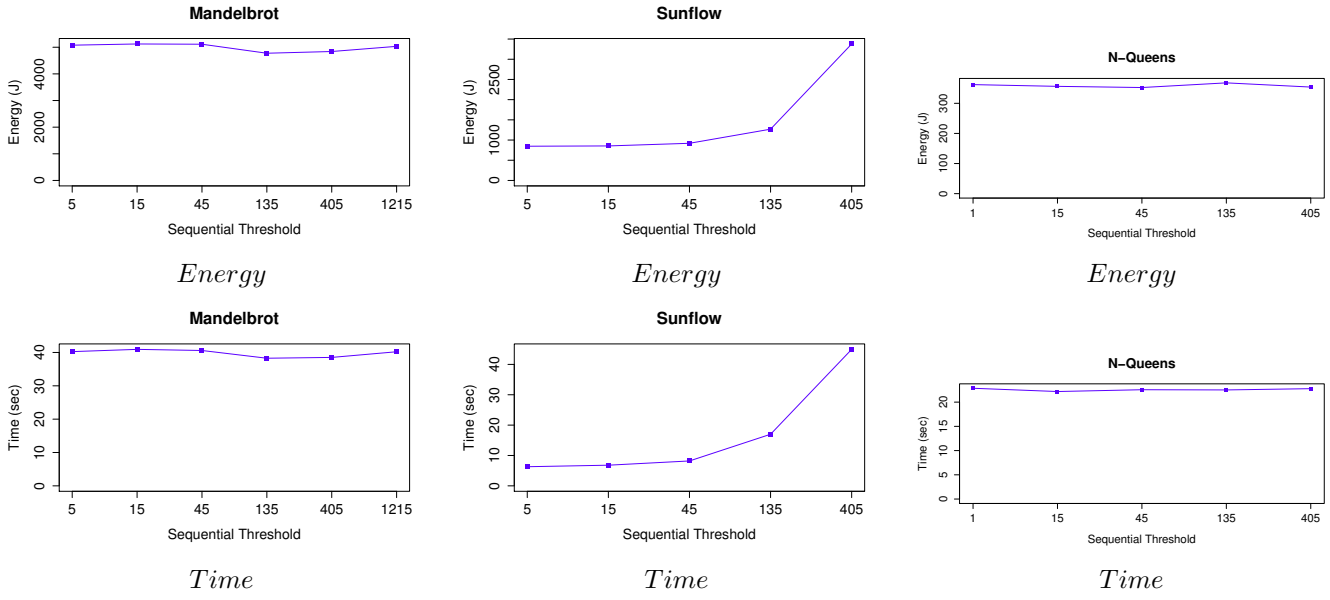

Figure 3. Energy/Performance: Task Granularity in a Data-Centric Approach

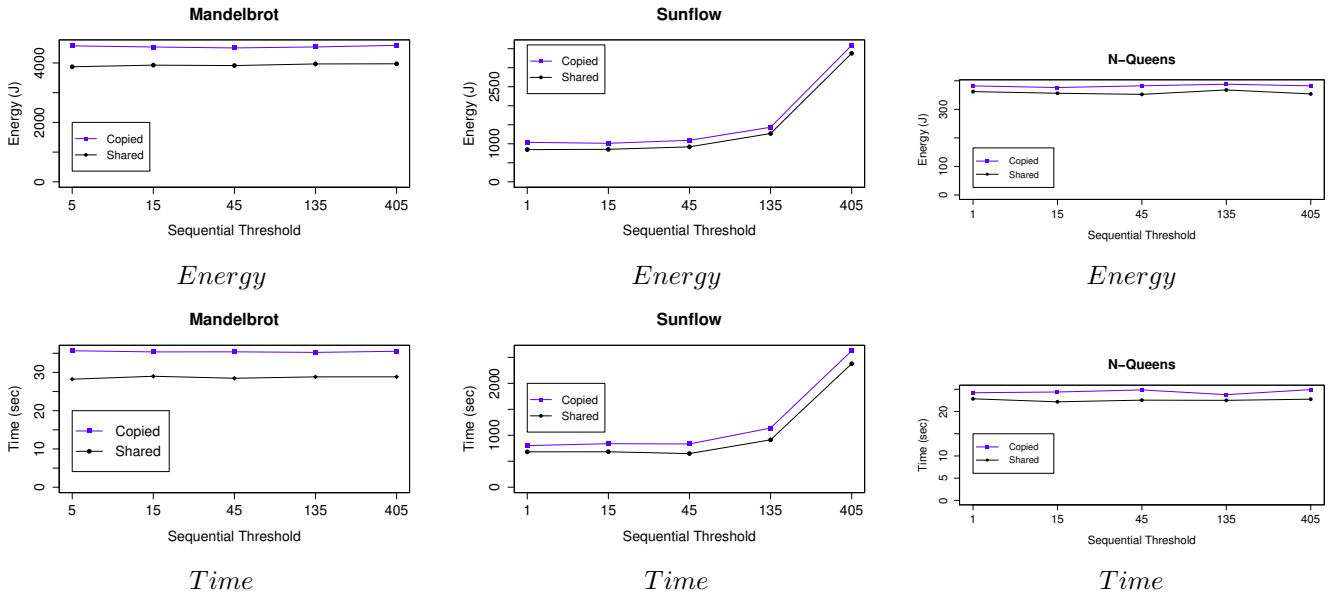

Figure 4. Energy/Performance: Data Copying vs. Sharing

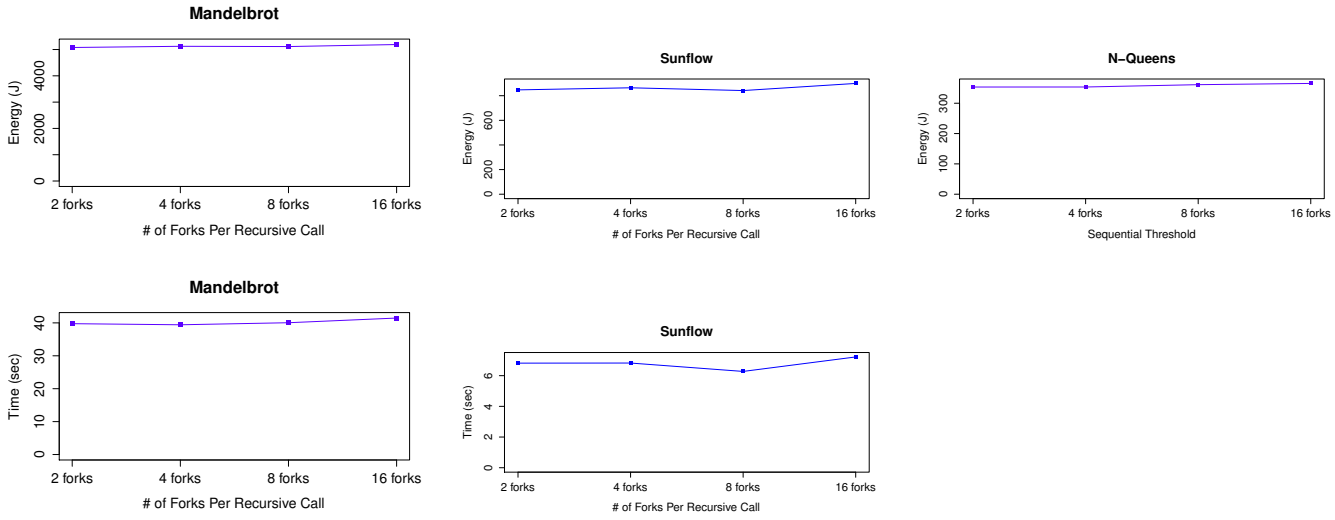

Figure 5. Energy/Performance: Forking Width