

Assignment 2

Software Energy Profiling using JouleTrack.

Due one week from March 2, 2009

1. Read the 2001 DAC paper on JouleTrack for software energy profiling.
2. Get the tools online from MIT website. Look for most recent updated version.
3. Use this tool to evaluate power consumption of various functional blocks in your current design (wifi video).

For this assignment, The Blue group may be split in to two and merged with Green and Black groups.

Both the Black and Green groups can distribute the functional blocks among them to carry out this evaluation. There will be two evaluations per block this way. You will use these results in your ongoing partitioning exercise of the class project.