Assignment 9

- Final Technical Report
  - Title
    - Embedded Software Synthesis for a JPEG Encoder
  - Contents
    - Describe the software synthesis approach
    - Outline the major steps in the synthesis flow
    - Use the JPEG Encoder application as case study
      - Use results of the assignments!
    - Conclude with a summary of the lessons learned
  - Length
    - about 10 pages

- Deliverable
  - in hardcopy, or
  - as PDF by email to `doemer@uci.edu`

- Due
  - by Friday, Dec 12, 2008, at 4pm (hard deadline!)

Assignment 9

- Final Technical Report: Suggested Outline
  - Title page
    - Project title, author, abstract
  - Introduction
    - Embedded SW design flow using SCE
  - Case Study on a JPEG Encoder
    - Specification model
    - Validation and estimation
    - Architecture exploration
    - Bus functional model
    - C code generation and cross-compilation
    - Instruction Set Model
  - Conclusion
    - Summary of results, lessons learned
  - References