

ARM Project 2004: Final Report

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1 Introduction

About 0.5 pages.

Being able to make sense of Latex, at least at a superficial level, is a useful asset for an engineer, scientist or programmer. Most scientific journals and conferences require submissions in this format.

If you wish to include a png or jpg picture, you may use the “figure” environment and the “includegraphics” statement in the following way.

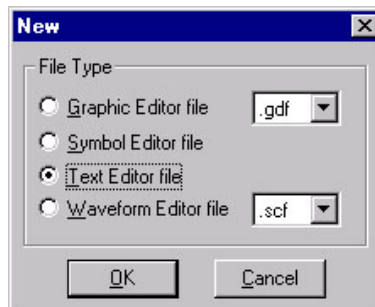


Fig. 1. One of the dialog boxes I used.

Note that, in some cases, the figure may not appear on the page you expect.

2 Weekly tasks

About 0.5–1 pages per task.

2.1 Electronic Dice in Verilog

2.2 String sort in ARM assembler

When you talk about your code, if needed you may include a brief source fragment in your Latex document using the “verbatim” environment in the following way.

```
loop
    ldrb    r0, [r4], #1    ; Get next character.
    cmp    r0, #0          ; Stop when we hit a null.
    beq    print
    bl    putchar
    b     loop
```

2.3 Mouse interface in Verilog

2.4 Reading the mouse from the ARM

3 Challenges and lessons learned

About 1–2 pages.

Real addicts find perverse pleasure in writing \LaTeX (or, failing that, \LaTeX) instead of \LaTeX .

4 Conclusions

About 0.5 pages.

Do not exceed a maximum of 7 pages for the whole report.