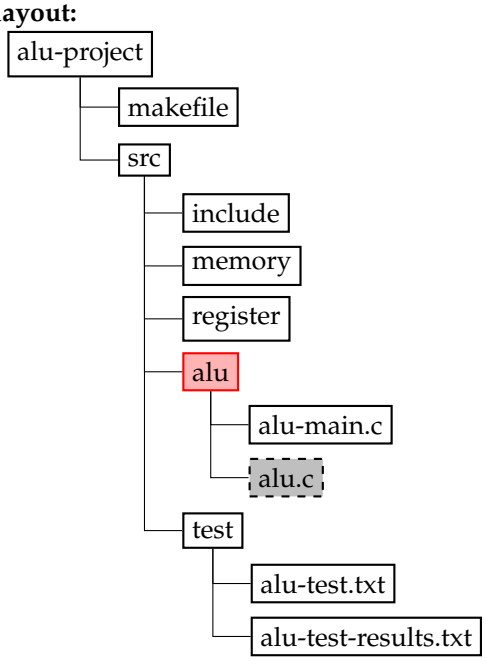
ALU: ARITMETIC & LOGIC UNIT

Goal: Implement all empty function-bodies in `alu.c`. Don't change anything outside the function bodies

File layout:



Compiling: `make alu-main` compiles **alu-main**

Read-eval-loop: `./alu-main` gives you an empty prompt. The program is reading from `stdio` , hence waiting for input from your keyboard. A `Ctrl-D` simulates an EOF (End-of-file) and the program quits. While reading form the `stdio` you can enter any of these commands:

- `reset`
- `add <HH> <HH>`
- `sub <HH> <HH>`
- `or <HH> <HH>`
- `and <HH> <HH>`
- `xor <HH> <HH>`
- `neg_a <HH>`
- `neg_b <HH>`
- `not_a <HH>`
- `not_b <HH>`

Testing: `make alu-test` compiles, runs and tests the alu

Time: Two weeks, i.e. 5.12.2014 at the beginning of the lecture you give in a print-out from `alu.c`.

Delivery: `alu.c` *must be printed two-on-one page, with pretty-print* (use a2ps or enscript, look into makefile for examples)