

Exercise Sheet 13

February 8: Criticism and Alternatives

Exercise 1

Read the paper <http://blog.plover.com/prog/design-patterns.html> and implement the suggested “object pattern” in plain C!

Exercise 2

Read the paper <http://blog.plover.com/prog/design-patterns.html> and implement the suggested “subroutine pattern” in assembler¹!

Exercise 3

Implement the strategy or command pattern with function pointers in C, or delegates in C# or blocks in Smalltalk or Python! (Hint: You might want to look at <http://www.norvig.com/design-patterns/>!)

Hints

- Consult the literature!
- You can work in pairs, if you want!
- If you want to learn a Java API, look into the java docs!
- Always use the same familiar IDE (suggestion Eclipse)!

¹This is only for the brave hearts!