

Assignment

- Extend the Logging library from the previous practicals so it uses **abc** module, i.e.
 - define Printer and Formatter “interfaces”
 - particular implementations implements these interfaces
- Change the level in the Logger class to be an enum
 - define the Level enum with values corresponding to the severity of messages
 - SEVERE, WARNING, INFO, FINE, FINER, FINEST
 - log(level, mesg) method prints messages with the same or severer level

Assignment

- Implement an extensible text processor
 - reads input from the std input and writes to the std output
 - takes a list of command line arguments with names of plugins to be applied on the text
 - plugins have to implement an “interface”, which has methods
 - process(text) – returns processed text
 - name() – a read only property with the name of the plugin
 - implement several plugins like toupper, tolower, capitalize,...

Assignment

- Create an extensible shell (i.e. an interactive program performing commands)
 - help
 - builtin command (the only one)
 - prints out a list of all available commands
 - other commands – classes implementing a prescribed “interface”
 - design a suitable “interface”
 - it has to contain at least methods for
 - name of the command
 - help (for the help command)
 - command execution (taking any number of arguments)



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