CFW Documentation

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# File Structure

* **/config**
  + **logging.properties:** Configuration file for java.util.logging.
  + **cfw.properties:** Configuration file which has to pe passed to CFWSetup.*initialize*("./config/cfw.properties");
  + **credentials.csv:** file containing username/password credentials when using authentication\_method=CSV
* **/datastore:** Default folder for the database files.
* **/log:** Folder containing the log files.
* **/resources**
  + **/css**
    - **Custom.css:** Your custom css file which will be loaded by TemplateHTMLDefault.
  + **/js**
  + **/html**

# Logging

## Example Code

**public** **static** Logger *logger* = CFWLog.*getLogger*(YourClass.**class**.getName());

CFWLog log = **new** CFWLog(*logger*).method("initialize").start();

log.end();

Explanations:

* Initalize a logger with CFWLog.getLogger().
* Create a new CFWLog instance passing the logger
* Use CFWLog.start() and CFWLog.stop() method to create duration logs.

## Sample Configuration

handlers = java.util.logging.FileHandler, java.util.logging.ConsoleHandler

config =

com.example.yourapp.level = INFO

com.pengtoolbox.cfw.level = INFO

java.util.logging.FileHandler.level = FINE

java.util.logging.FileHandler.filter =

java.util.logging.FileHandler.formatter = com.pengtoolbox.cfw.logging.CFWLogFormatterJSON

java.util.logging.FileHandler.encoding =

java.util.logging.FileHandler.limit = 10000000

java.util.logging.FileHandler.count =

java.util.logging.FileHandler.append = false

java.util.logging.FileHandler.count = 2

java.util.logging.FileHandler.pattern = ./log/trace\_%u.%g.log

java.util.logging.ConsoleHandler.level = FINE

java.util.logging.ConsoleHandler.filter =

java.util.logging.ConsoleHandler.formatter = com.pengtoolbox.cfw.logging.CFWLogFormatterJSON

java.util.logging.ConsoleHandler.encoding =

## Known Issues

The Logging will not be formatted correctly, if one of the following is the case:

* The config file ./config/logging.properties is not defined
* The package names have changed
* The class name of CFWLogFormatterJSON was modified
* Any java.util.logging class was used before the logging.properties was loaded.