

Good habits

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1 Logger

The logging system is VERY sensitive and had a DEEP impact on performances. So, loggers should only be used where it is mandatory and debugging traces must be removed. More over, the logging level of a logger must be checked before tracing, in order to avoid useless calls. Then, once the level is considered correct, the log message must be build using the rules define within Logback documentation.

(see <http://logback.qos.ch/documentation.html>)

Example of good use:

```
if (LOGGER.isTraceEnabled()) {  
    LOGGER.trace("this_is_a_{}_message", "well-formed");  
}
```

As an example, a clique neq problem of size 9 solved using default Java logger (level set to *silent*) takes 3200 ms. The same example using LogBack takes 800ms.