

log4j 設定

■ log4j.properties 設定例

```
### Stdout ###
log4j.appender.stdout=org.apache.log4j.ConsoleAppender
log4j.appender.stdout.Target=System.out
log4j.appender.stdout.layout=org.apache.log4j.PatternLayout
log4j.appender.stdout.layout.ConversionPattern=%d{yyyy-MMM-dd HH:mm:ss} %5p - %m%n

### DailyRolling Log ###
log4j.appender.dailyfile=org.apache.log4j.DailyRollingFileAppender
log4j.appender.dailyfile.File=c:/Program Files/eclipse3.1/workspace/fugitive/log/fugitive.log
log4j.appender.dailyfile.DatePattern='.'yyyy-MM-dd
log4j.appender.dailyfile.layout=org.apache.log4j.PatternLayout
log4j.appender.dailyfile.layout.ConversionPattern=%d{yyyy-MMM-dd HH:mm:ss} %5p - %m%n

### Rolling Log ###
log4j.appender.rollfile=org.apache.log4j.RollingFileAppender
log4j.appender.rollfile.File=c:/Program Files/eclipse3.1/workspace/fugitive/log/fugitive.log
log4j.appender.rollfile.MaxFileSize=5MB
log4j.appender.rollfile.MaxBackupIndex=5
log4j.appender.rollfile.layout=org.apache.log4j.PatternLayout
log4j.appender.rollfile.layout.ConversionPattern=%d{yyyy-MMM-dd HH:mm:ss} %5p - %m%n

### Logger Setting (for debugging) ###
#log4j.rootLogger=debug,stdout,rollfile
#log4j.logger.info.typea.testApp=debug,stdout,rollfile

### Logger Setting ###
log4j.logger.info.typea.testApp=info,rollfile
```

■ 設定ファイルを指定する

<http://www.nurs.or.jp/~sug/soft/log4j/log4j3.htm>

プログラム上で、明示的にプロパティファイルを指定するためのクラス。

```
import java.util.Properties;
import org.apache.log4j.Logger;
import org.apache.log4j.PropertyConfigurator;

public class LogUtil {
    static {
        try {
            Properties prop = new Properties();
            String url = "/" + LogUtil.class.getPackage().getName().replaceAll("¥¥.", "/")
                + "/log4j.properties";
            prop.load(LogUtil.class.getResourceAsStream(url));
            PropertyConfigurator.configure(prop);
        } catch (Exception re) {
            re.printStackTrace();
        }
    }
    private LogUtil() {}
    /**
     * Log4J ロガーを取得する
     * @param clazz
     * @return
     */
    public static Logger getLogger(Class clazz) {
        return Logger.getLogger(clazz);
    }
}
```

使用法

```
import org.apache.log4j.Logger;  
protected Logger log = LogUtil.getLogger(Dao.class);
```