



## UN classloader volatile

Le 9 mars 2008 à 20:29.

Classloader permettant un rechargement à chaud des classes

```
public class VolatilClassLoader extends ClassLoader [1] {
    @Override public Class<?> loadClass(String [2] name, boolean resolve) throws
    ClassNotFoundException [3] {
        System [4].out.println("Resolving " + name);
        File [5] file = Classpath.findClass(name);
        byte[] data = null;
        if (file != null) {
            data = new byte[(int) file.length()];
            try {
                new java.io.FileInputStream [6](file).read(data);
            }
            catch (java.io.IOException [7] e) {
                data = null;
            }
        }
        if (data == null)
            return super.loadClass(name, resolve);
        else {
            Class klass = defineClass(name, data, 0, data.length);
            if (resolve)
                resolveClass(klass);
            return klass;
        }
    }
}
```

<http://artisan.karma-lab.net/node/1501>  
(C) artisan numerique - CC BY-SA

### Liens:

- [1] [http://www.google.com/search?hl=en&q=allinurl:ClassLoader java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:ClassLoader+java.sun.com&btnl=I'm+Feeling+Lucky)
- [2] [http://www.google.com/search?hl=en&q=allinurl:String java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:String+java.sun.com&btnl=I'm+Feeling+Lucky)
- [3] [http://www.google.com/search?hl=en&q=allinurl:ClassNotFoundException java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:ClassNotFoundException+java.sun.com&btnl=I'm+Feeling+Lucky)
- [4] [http://www.google.com/search?hl=en&q=allinurl:System java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:System+java.sun.com&btnl=I'm+Feeling+Lucky)
- [5] [http://www.google.com/search?hl=en&q=allinurl:File java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:File+java.sun.com&btnl=I'm+Feeling+Lucky)
- [6] [http://www.google.com/search?hl=en&q=allinurl:FileInputStream java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:FileInputStream+java.sun.com&btnl=I'm+Feeling+Lucky)
- [7] [http://www.google.com/search?hl=en&q=allinurl:IOException java.sun.com&btnl=I'm Feeling Lucky](http://www.google.com/search?hl=en&q=allinurl:IOException+java.sun.com&btnl=I'm+Feeling+Lucky)