

Code Inspection

Michele Madaschi

Lidia Moioli

Luca Martinazzi

January 4, 2016

Contents

Classes to be inspected	2
1.1 Assigned classes / methods	2
1.2 Purpose of the assigned class	2
Issues and problems found	3
2.1 Issues, sorted by numeric index	3
Other problems	4

Classes to be inspected

1.1 Assigned classes / methods

(abstract) class: *public abstract class WebCommonNode <T extends WebBundleDescriptorImpl > extends AbstractBundleNode <T >*,
from: *package org.glassfish.web.deployment.node*

The specific methods to be analyzed are:

1. *public Node writeDescriptor(Node parent, T webBundleDesc)*
2. *public void addDescriptor(Object newDescriptor)*
3. *public boolean endElement(XMLElement element)*

1.2 Purpose of the assigned class

Issues and problems found

2.1 Issues, sorted by numeric index

Please refer to the *Code inspection checklist*, included in the assignment document

23 : Raised exceptions are not indicated, neither in the method signature, nor in the javadoc.

43 : Several missing spaces in the logging messages (for example: line 143, 148, 173)

Other problems

There is a repeated improper use of *for* loops with iterators, in the form:

```
for (Iterator patterns = aServlet.getUrlPatternsSet  
    ().iterator(); patterns.hasNext();)
```

However, it might just be following the project's internal coding style