

## Code inspection



Figure 1: Politecnico di Milano

### Version 1.0

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## Introduction

### Purpose

The purpose of this document is to give the problems found during the inspection of a small amount of code of a specific version of glashfish.

Each group of the project has different methods assigned of a specif version of glashfish. We have to analyze them making all check of a checklist and finding other problems, then we have to report problems found in this document.

**WRITE MORE**

### Scope

Glashfish is the official implementation of JEE. It is an open source project that uses svn as version system, in fact we used it to retrieve a specif version of glashfish: 64219 (of 16 Oct 2015 05:11).

This version is required by the assignment text since we have some methods of this version assigned to us to check.

Glashfish is a maven project, in fact we imported the pom file into intellij IDEA and we used it and sonar to test some check of the checklist. **KEEP OR REMOVE?**

**WRITE MORE**

### Definitions, acronyms, abbreviations

- JEE: Java enterprise edition
  - SVN: apache subversion, it is a version controller system, the successor of CVS
  - CVS: Concurrent versions system, the first version controller system
- WRITE acronyms find in the code**

### Reference documents

- Assignment document: Code inspection.pdf
- Glashfish javadoc of this version: <http://glassfish.pompel.me/>
- Methods assigned to each group: <http://assignment.pompel.me/>

### Document structure

- **Introduction:** this section introduces the inspection document. It contains a justification of his utility and indications on which parts are covered

in this document.

- **Classes:** this section describes the classes and the methods assigned
- **Functional role:** this section describes the functional role of the class of the methods assigned.
- **Issues list found by applying the checklist:** this section describes the issues found applying the checklist given.
- **Other problems:** this section describes other problems found that are not strictly related to the checklist.

## Classes

All method assigned to us belong to the same class.

### StandardContext

**Namespace:** org.apache.catalina.core

**Extends:** ContainerBase

**Implements:** Context, ServletContext

#### Methods

Name:  
    contextListenerStop( )  
Start Line:  
    5457

Name:  
    eventListenerStop( )  
Start Line:  
    5509

Name:  
    mergeParameters( )  
Start Line:  
    5537

Name:  
    resourcesStart( )  
Start Line:  
    5564

Name:  
    alternateResourcesStart( )  
Start Line:  
    5597

Name:  
    resourcesStop( )  
Start Line:  
    5635

Name:  
    alternateResourcesStop( )  
Start Line:  
    5662

Name:  
    loadOnStartup( Container children [ ] )  
Start Line:  
    5708

**WRITE IN A BETTER WAY?**

## Functional role

TODO write role of each method?

Issues list found by applying the checklist

TODO write task lists ??



## Other problems

## Used tools

- intellij IDEA: JAVA EE IDE
- sonar: useful tools to analyze code from style point of view

## **Hours of work**

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