Politecnico di Milano

Department of Electronics, Information and Bioengineering

Master Degree course in Computer Science Engineering

Code Inspection of

Glassfish

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Instructor: Prof. Elisabetta Di Nitto

Authors: *Code:*

Luca Luciano Costanzo   789038

Simone Disabato   852863

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Chapter 1

Assignment

In this chapter we will present the class that has been assigned to us. First, the lines of code to be analysed are presented without any comment. Afterwards, a brief description of the class role and function is presented. Obviously this is made by us and it is based only on the code and on the documentation provided by the authors.

1.1 Class

The class assigned to us is called "**SecurityMechanismSelector**"and is located in the following path relative to the root of Glassfish project:
appserver/security/ejb.security/src/main/java/com/sun/enterprise/iiop/security/

The package which the class belongs to is: *com.sun.enterprise.iiop.security*
To present more clearly the class we include the first lines of code containing the documentation of the class and its declaration:

```
108  /**
109   * This class is responsible for making various decisions for selecting
110   * security information to be sent in the IIOP message based on target
111   * configuration and client policies.
112   * Note: This class can be called concurrently by multiple client threads.
113   * However, none of its methods need to be synchronized because the methods
114   * either do not modify state or are idempotent.
115   *
```

```
116   * @author Nithya Subramanian
117
118   */
119
120   @Service
121   @Singleton
122   public final class SecurityMechanismSelector implements PostConstruct {
```

Listing 1.1: Class documentation and declaration

Chapter 2

Other Info

This chapter contains information about the used tools and the hours of work by the members of the working group.

2.1 Tools

For this Code Inspection (CI) assignment the following tools were used:
- LaTeX and TexStudio editor
- Eclipse Mars 4.5 for Java EE
- Sonarqube 5.2

2.2 Working hours

Date	Costanzo's hours	Disabato's hours
2015/12/14	1.30h	1.30h
2015/12/15	1h	-
Total CI	2.30h	1.30h
Global	57.30h	56.30h