How to remove log4j from TESTONA

1. Introduction

Recently there has been a security issue with the Apache log4j libraries [1].
TESTONA uses the Eclipse Modelling Framework (EMF) that relies on log4j version 1.

According to the Eclipse Foundation, EMF is not vulnerable to this security issue. Currently EMF requires a log4j version 1.x for its own logging that is only used within the Xcore tools bundles, but not in any runtime bundles deployed in applications [2].

If you would like to remove the log4j version 1.x from your TESTONA installation, please follow the steps below.

Please note:
Removing log4j version 1.x from the TESTONA installation disables the functionality that EMF uses. This functionality is the comparison of TESTONA trees with each other.
Currently there are no further known issues when removing the log4j version 1.x from the TESTONA installation, however it cannot be ensured by Expleo Germany that TESTONA will be working correctly.
Starting with TESTONA version 6.5.3, TESTONA itself uses a newer version of the log4j library that is not affected by the recent security issue [3].
Please do not remove the newest log4j version from your installation.

2. Steps to remove log4j version 1 from TESTONA

1. Install TESTONA.

2. Go to your TESTONA installation (for example C:\Program Files\TESTONA 6.5.4).

3. Open the plugins folder.

4. Delete the file "org.apache.log4j_1.2.15.v201012070815.jar".

3. Sources

[1]   https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-44228

[2]   https://wiki.eclipse.org/Eclipse_and_log4j2_vulnerability_(CVE-2021-44228)

[3]   https://logging.apache.org/log4j/2.x/security.html