



**INSTITUTO DE ENGENHARIA DE
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Tutorial

Tutorial Para Erro na Instalação do *Openblocks*

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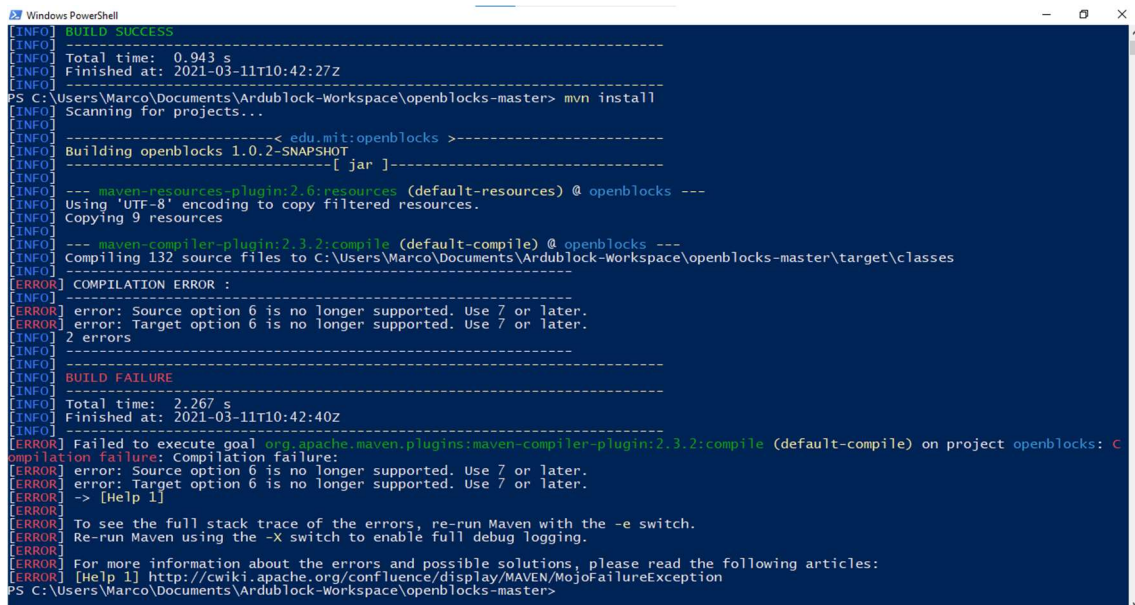
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INTRODUÇÃO

Pode acontecer que no momento de executar o seguinte comando “mvn install”, para instalar o *Openblocks* no projeto *Ardublock*, que lhe surja um erro semelhante ao da Figura 1, que indica que a versão do java não é suportada.

Neste momento já deve ter executado todos os passos do tutorial “Editar_Ardublock_com_Eclipse”, até ao passo 5.6 (inclusive).



```
[INFO] BUILD SUCCESS
[INFO] Total time: 0.943 s
[INFO] Finished at: 2021-03-11T10:42:27Z
[INFO]
PS C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master> mvn install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< edu.mit:openblocks >-----
[INFO] Building openblocks 1.0.2-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ openblocks ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 9 resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:compile (default-compile) @ openblocks ---
[INFO] Compiling 132 source files to C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\classes
[INFO]
[ERROR] COMPILATION ERROR :
[INFO]
[ERROR] error: Source option 6 is no longer supported. Use 7 or later.
[ERROR] error: Target option 6 is no longer supported. Use 7 or later.
[INFO] 2 errors
[INFO]
[INFO] BUILD FAILURE
[INFO] Total time: 2.267 s
[INFO] Finished at: 2021-03-11T10:42:40Z
[INFO]
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:2.3.2:compile (default-compile) on project openblocks: C
ompilation failure: Compilation failure:
[ERROR] error: Source option 6 is no longer supported. Use 7 or later.
[ERROR] error: Target option 6 is no longer supported. Use 7 or later.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
PS C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master>
```

Figura 1 - Erro ao executar o comando “mvn install”

1. Abrir o ficheiro “pom”

Na pasta “*Ardublock-Workspace*”, entrar na pasta “*openblocks-master*” e abrir o ficheiro “pom” com o Bloco de notas ou Notepad++ (Figura 2).

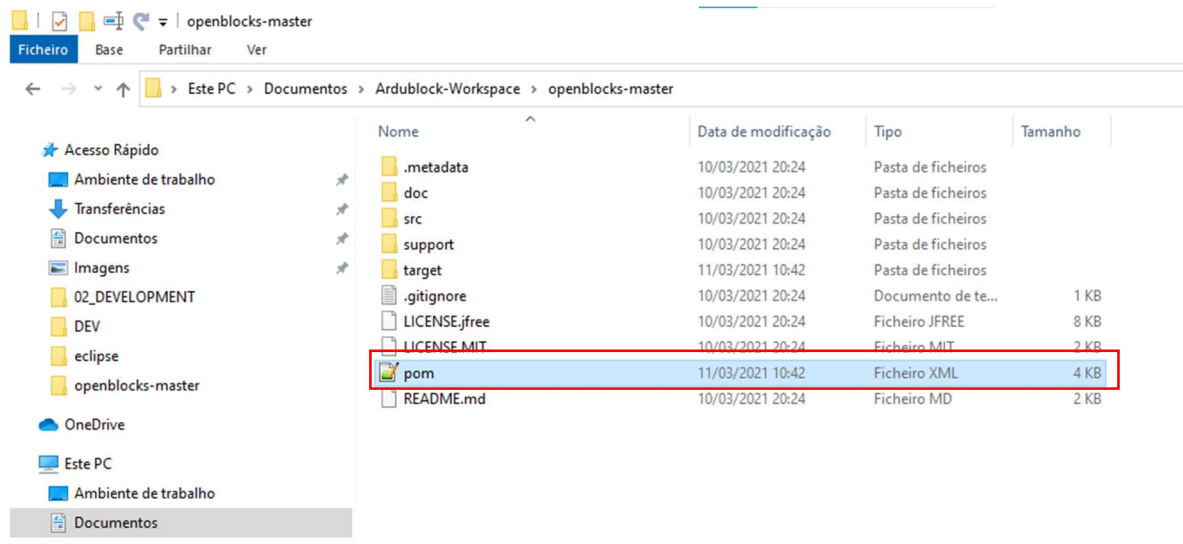
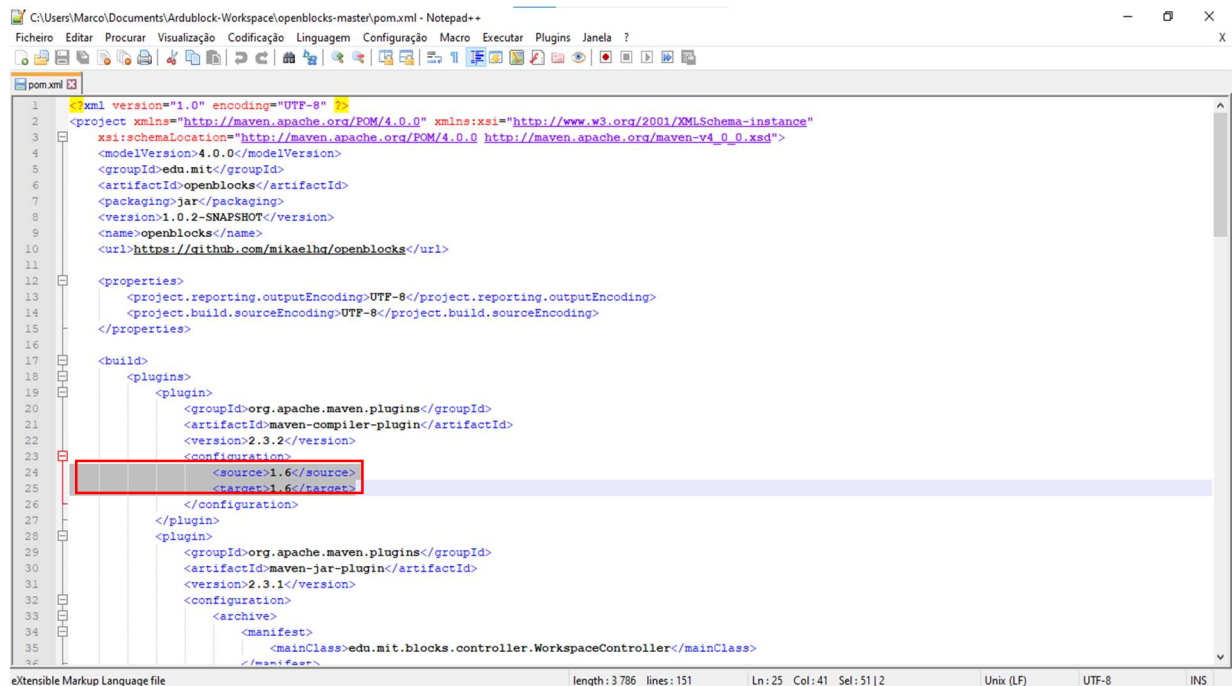


Figura 2 – Abrir o ficheiro “pom”

2. Localizar a versão

Procure por as linhas de texto “<source> 1.6 </source>” e “<target> 1.6 </target>”, geralmente localizadas nas linhas 24 e 25 (Figura 3).



```
1  <?xml version="1.0" encoding="UTF-8" ?>
2  <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
4    <modelVersion>4.0.0</modelVersion>
5    <groupId>edu.mit</groupId>
6    <artifactId>openblocks</artifactId>
7    <packaging>jar</packaging>
8    <version>1.0.2-SNAPSHOT</version>
9    <name>openblocks</name>
10   <url>https://github.com/mikaelhq/openblocks</url>
11
12   <properties>
13     <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
14     <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
15   </properties>
16
17   <build>
18     <plugins>
19       <plugin>
20         <groupId>org.apache.maven.plugins</groupId>
21         <artifactId>maven-compiler-plugin</artifactId>
22         <version>2.3.2</version>
23         <configuration>
24           <source>1.6</source>
25           <target>1.6</target>
26         </configuration>
27       </plugin>
28       <plugin>
29         <groupId>org.apache.maven.plugins</groupId>
30         <artifactId>maven-jar-plugin</artifactId>
31         <version>2.3.1</version>
32         <configuration>
33           <archive>
34             <manifest>
35               <mainClass>edu.mit.blocks.controller.WorkspaceController</mainClass>
36             </manifest>
37           </archive>
38         </configuration>
39       </plugin>
40     </plugins>
41   </build>
42 </project>
```

Figura 3 – Localizar a versão

3. Alterar os valores

Após localizar os valores, deve de alterá-los de “1.6” para “1.8”, ficando com o aspeto da Figura 4. De seguida pode guardar o ficheiro e fechá-lo.

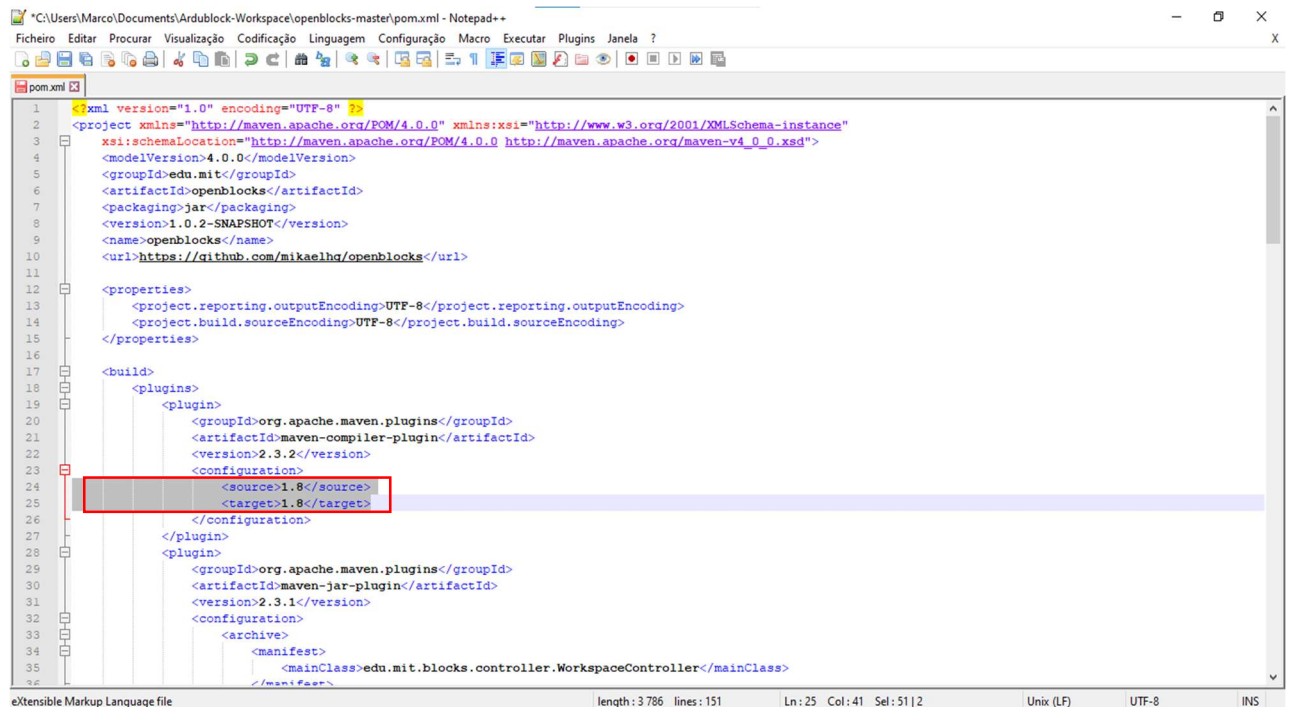
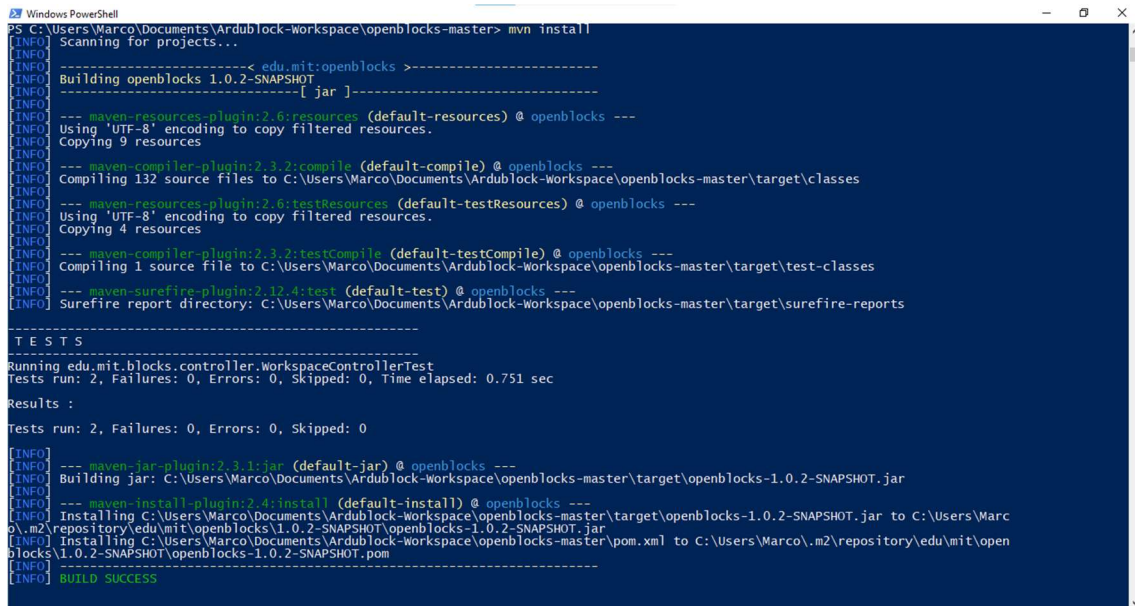


Figura 4 – Alterar os valores

4. Instalar o Openblocks

Neste momento, pode voltar a instalar o Openblocks no projeto Ardublock, executando o comando “mvn install” na PowerShell. Deverá ser instalado com sucesso aparecendo uma mensagem idêntica à da Figura 5.



```
PS C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master> mvn install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< edu.mit:openblocks >-----
[INFO] Building openblocks 1.0.2-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ openblocks ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 9 resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:compile (default-compile) @ openblocks ---
[INFO] Compiling 132 source files to C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\classes
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ openblocks ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 4 resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:testCompile (default-testCompile) @ openblocks ---
[INFO] Compiling 1 source file to C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ openblocks ---
[INFO] Surefire report directory: C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\surefire-reports
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running edu.mit.blocks.controller.WorkspaceControllerTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.751 sec
[INFO] Results :
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] --- maven-jar-plugin:2.3.1:jar (default-jar) @ openblocks ---
[INFO] Building jar: C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\openblocks-1.0.2-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ openblocks ---
[INFO] Installing C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\openblocks-1.0.2-SNAPSHOT.jar to C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\openblocks-1.0.2-SNAPSHOT.jar
[INFO] Installing C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\openblocks-1.0.2-SNAPSHOT.pom to C:\Users\Marco\Documents\Ardublock-Workspace\openblocks-master\target\openblocks-1.0.2-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
```

Figura 5 – Instalar o Openblocks