Building and Deploying GET IDM Web-Services

TRANS PLM PROGRAM

<GE Transportation>

<Locomotive>

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Authors

| Name | Location | Phone | Email |
| --- | --- | --- | --- |
| Viswanathan Rajagopalan | Chennai, TN, India | +91 44 674 35443 | Viswanthan.Rajagopalan@ge.com |

Document Revision History

| Date | Author | Description | Revision # |
| --- | --- | --- | --- |
| 18-Nov-2016 | Viswanathan | Created | 1 |
| 21-Nov-2016 | Viswanathan | Modified the Instructions to help System Administrators deploy the war directly | 2 |

**Building with Ant**

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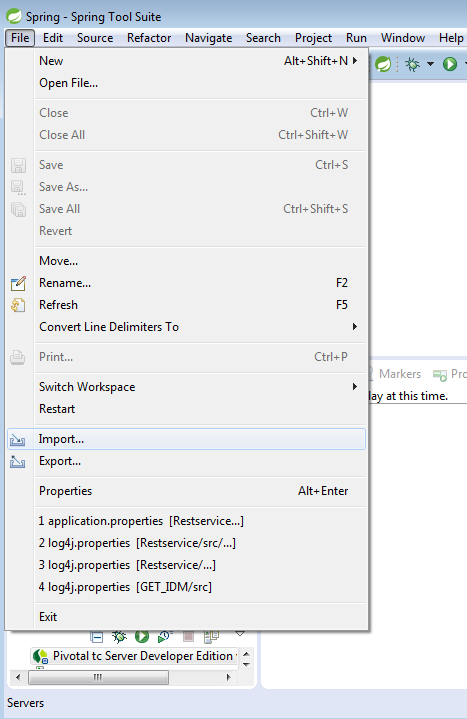
# Pre-Requisites:

1. Java (1.7)
2. STS – Spring Tool Suite (An eclipse based tool for developing Spring based Applications)

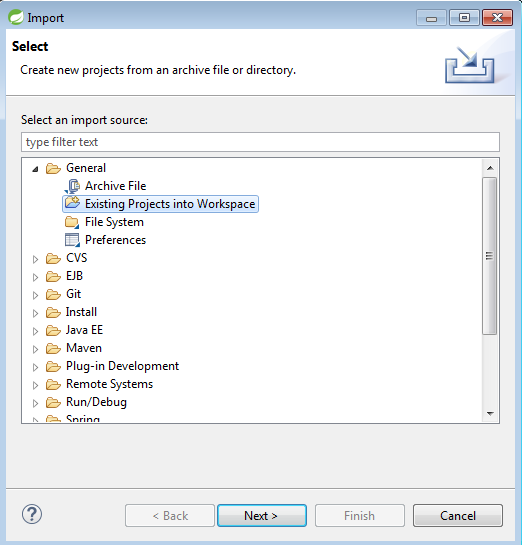
# Build Instructions:

The below steps are only required for developers who wants to build and run the TcIDMWebservices in their local environment. System Administrators, please skip this section and refer to [Deployment Instructions](#_Deployment_Instructions:) section.

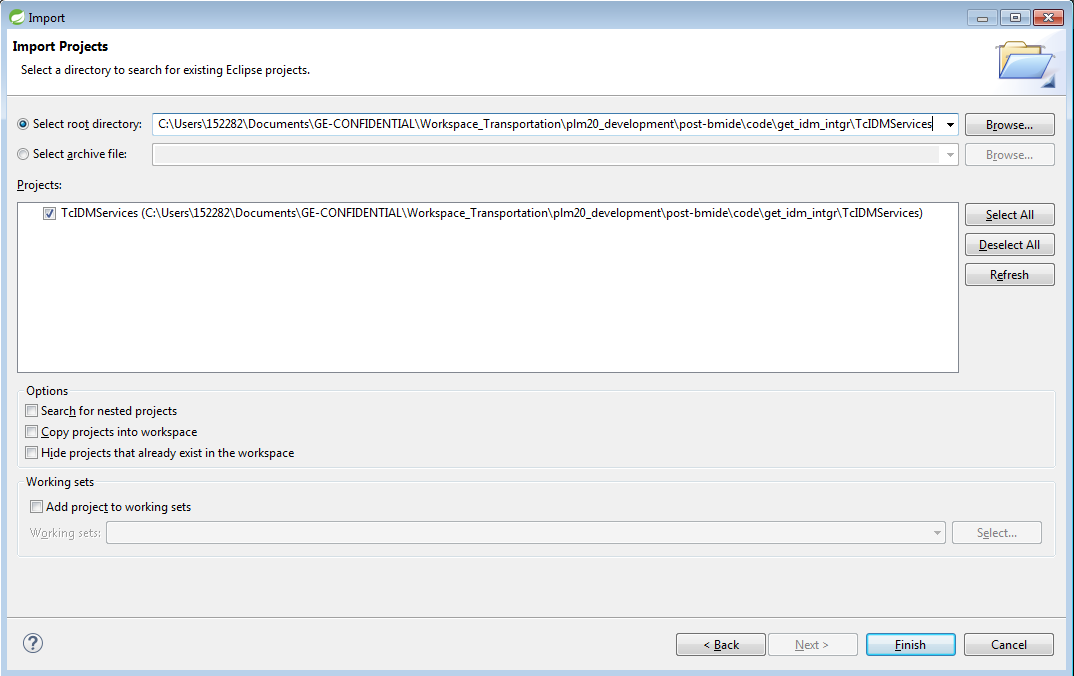
* + Open STS with a default workspace.
  + Import the project ‘TcIDMServices’ from svn repository using the below steps.
    - Go to STS Application and do File -> Import



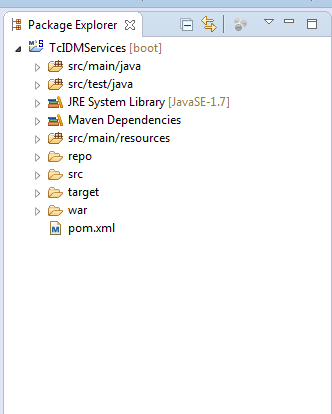
* + - Select “Existing projects into Workspace” and click next



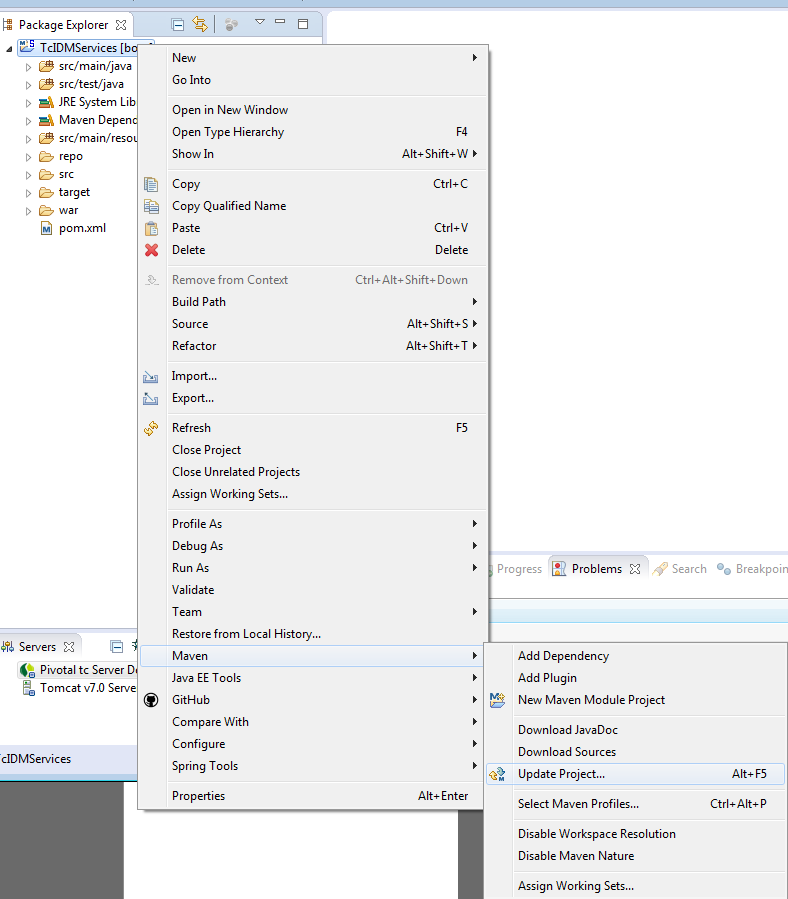
* + - Select the root directory as TcIDMServices folder from the svn repository.



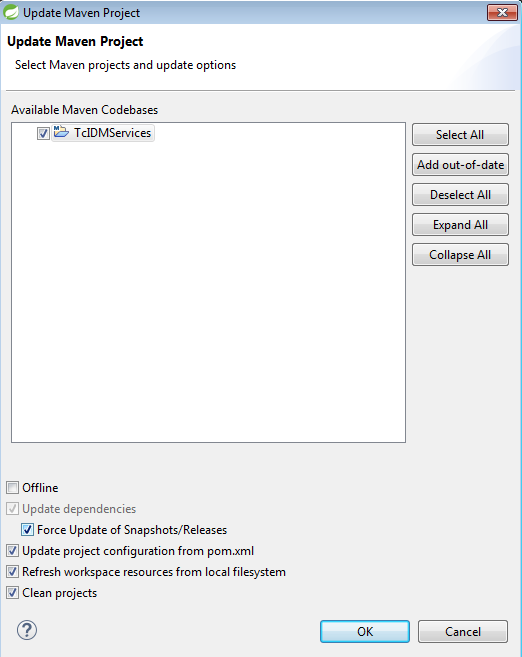
* + - Click Finish.



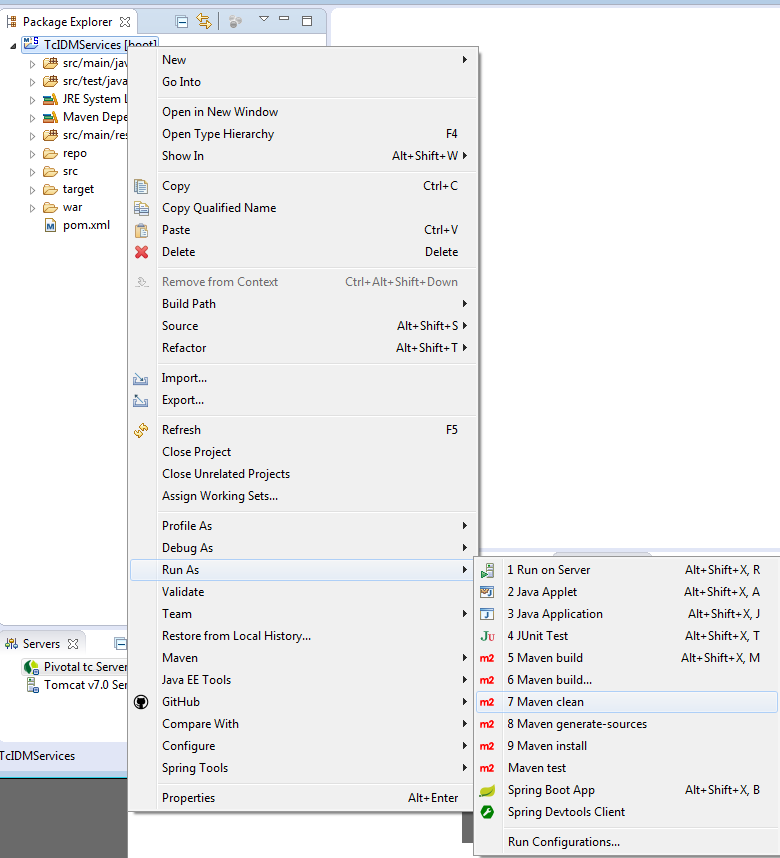
* + - Right Click on the ‘TcIDMServices’ project and invoke maven -> Update Project menu

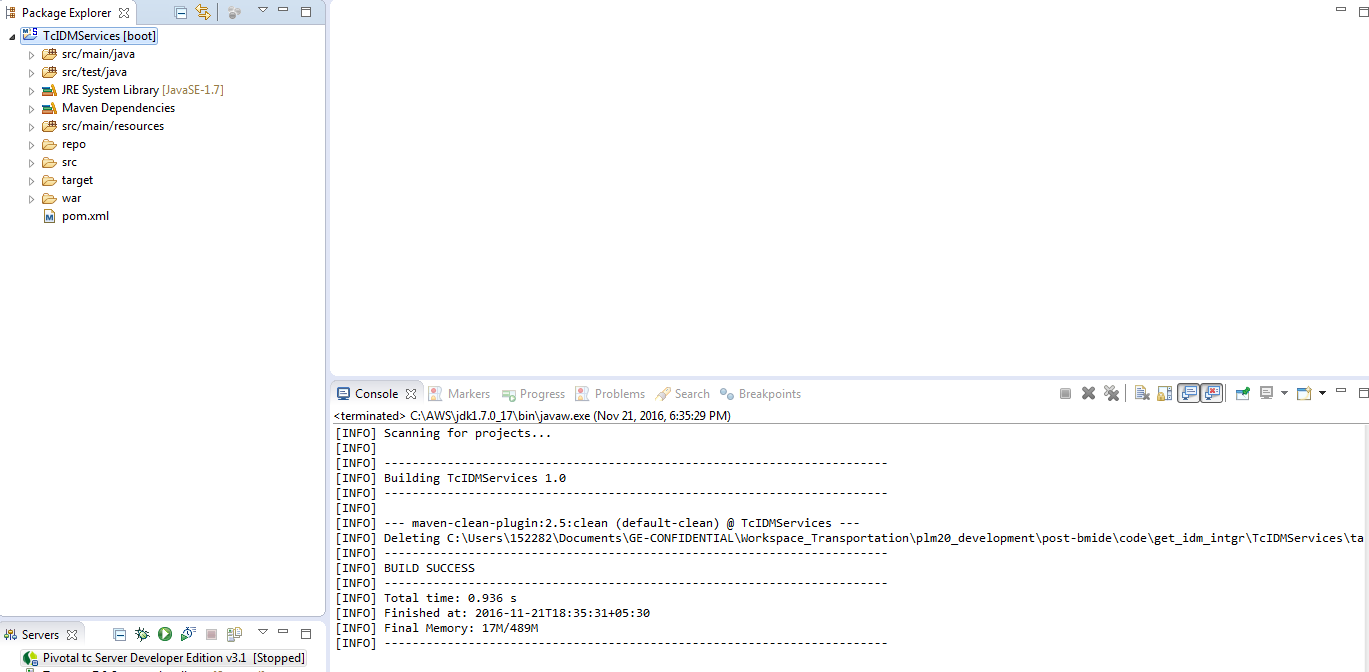


* + - Select “Force Update of Snapshots/Releases” and click ok

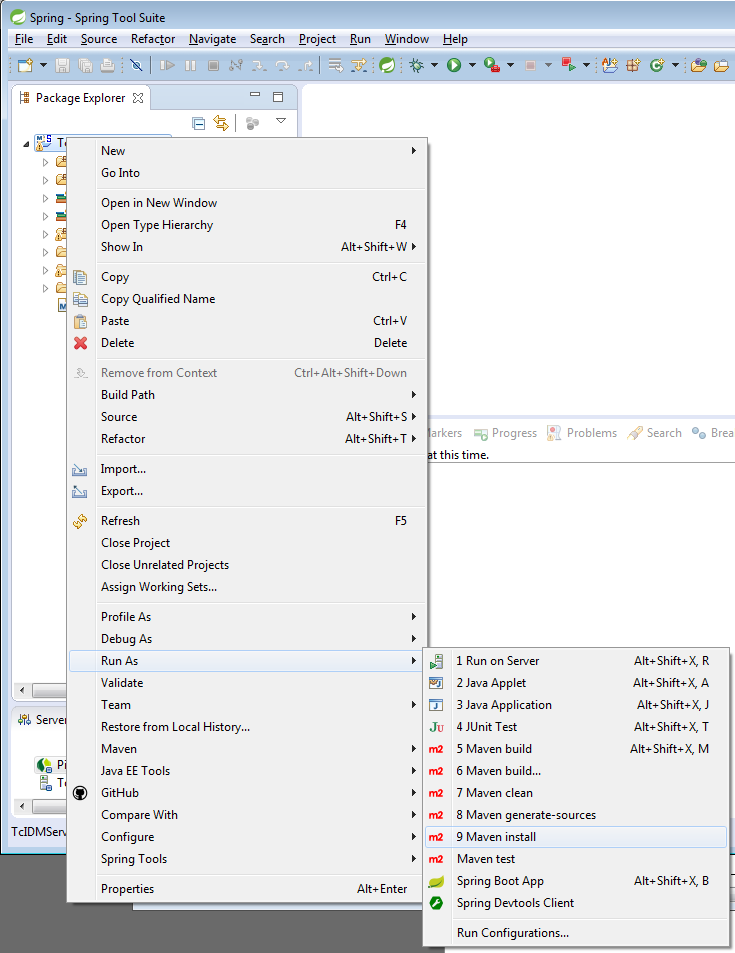


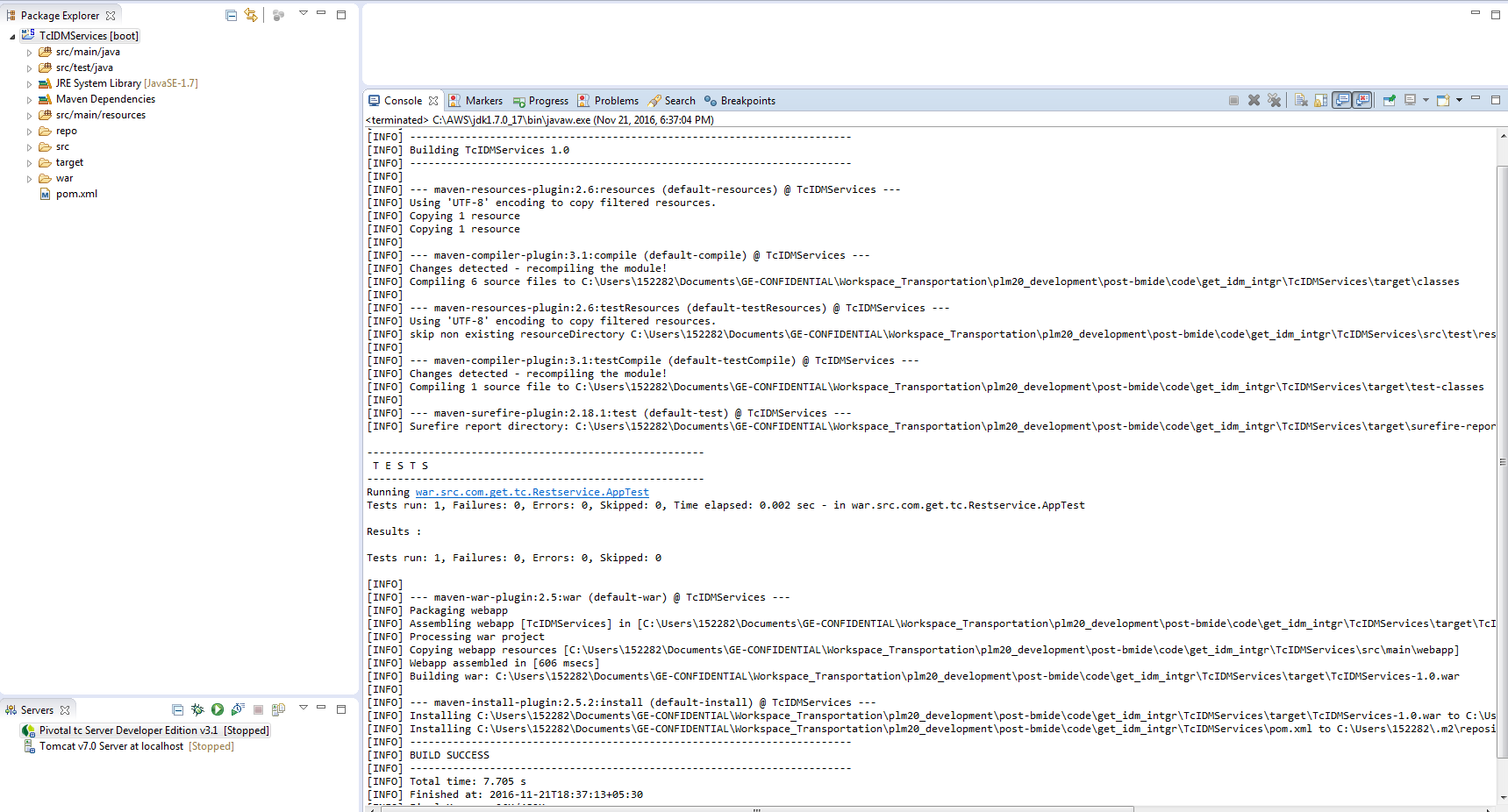
* + - Right click on TcIDMServices and Invoke Run as -> Maven clean.





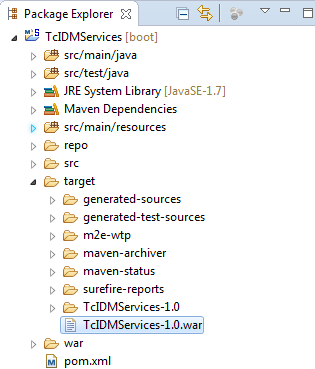
* + - The above message saying Build Success would be observed.
    - Right click on TcIDMServices and Invoke Run as -> Maven install.





* + - The above message saying Build Success would be observed.

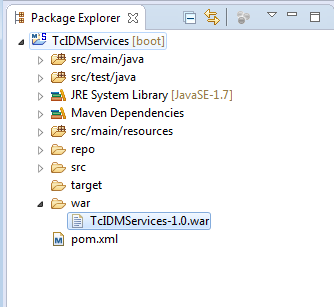
* + - Look out for TcIDMServices-1.0.war under TcIDMServices/target



* + - Please deploy the generated TcIDMServices-1.0.war file in the required JBoss Server Instance.
    - Developers have to make sure that the latest copy of the TcIDMServices-1.0.war file is copied to the **“TcIDMServices/war”** folder location before checking-in the changes into SVN

# Deployment Instructions:

* + Locate the TcIDMServices-1.0.war file in the TcIDMServices project under the “war” folder checked-out from the SVN Repository



* + Please deploy the TcIDMServices-1.0.war file in the required JBoss Server Instance.