**Hot Code Replacement**

This document lists the steps for eclipse error free and Hot code replacement.

This will basically help saving the developer’s time while doing implementation as one need not build the code again and again after changing any piece of code (except any changes in method declaration)

**Steps for making Eclipse Error free**

• Keep only the projects in eclipse which are mentioned in localextensions.xml of your given project and add all the dependent extensions too in eclipse which are required for mentioned extensions.

• Once errors of dependent extensions are clear from eclipse, run ‘**ant clean all’** from command prompt.

• Refresh whole workspace.

• From Project Option use Clean all and then Build all with selected “Build Automatically”.

• Go To Window 🡪Show View🡪Problems: There should not be any problem in problem view if every step is done rigorously

• Enable Ignore CheckStyle Violations and PMD CheckStyles

Also, make the below changes in **eclipse.ini** file to fix the out of Memory Issue if any and restart eclipse

• -Dfile.encoding=UTF-8

• -Xms1024M

• -Xmx1024M

**Steps For Hot Deployment**

Pre-requisite for this to work is Error free Eclipse and Build Automatically is checked.

**Install File Sync** – (This step is not needed if eclipse shared at the below link is used)

• Open site from browser http://marketplace.eclipse.org/content/filesync

• Drag the install icon to running eclipse

**Configuring File Sync for an extension-**

Please refer the attached screen shot below for configuring File Sync for an extension –

Go to the extension Properties 🡪 File Synchronozation and follow as per the screenshot -

