**Jar caching**

**Option#1.** Convert to maven project (need to understand the whole project structure)

**Option#2.** ANT (like maven)

* **Check if jar in system**

<available file="${build.dir}/build.${env.BUILD\_TARGET}" property="isFileAvail" />

link: http://alvinalexander.com/blog/post/java/how-ant-build-script-fail-file-doesnt-exist

* **If jar is not in system, then download it using ANT task**

http://forums.devshed.com/java-help-9/download-file-ant-527302.html

<get

src="HTTP URL Including file name"

dest="local dir and file name">

</get>

* **If jar is in system, then no need to download**
* **If in case jar is not in maven repository, we will retain that in jtinstaller.jar**

The following folder has jars that can be cache:

1. \apache-tomcat\lib
2. \dev\lib
3. \dev\st-server\src\main\java\com\aspc\Install\Common\support\server\lib
4. \server\lib
5. \webapps\st\WEB-INF\lib

**Restructuring the installed project**

**jtserver/conf** → should be moved in **WEB-INF/classes**

**jtserver/data** → should be moved in **WEB-INF/classes**

**jtserver/docs** → should be moved in **WEB-INF/classes**

**jtserver/apache-tomcat**  → retain

**jtserver/bin** → retain

**jtserver/dev** → retain

**jtserver/server** → retain

**jtserver/launcher.jar** → retain

**jtserver/pom.xml** → retain

**jtserver/readme.txt** → retain

**jtserver/webapps/WEB-INF/classes** → should be moved to **jtserver/WEB-INF/classes**

**jtserver/webapps/WEB-INF/classes/\*\*all package like folders\*\*** → should be moved to **jtserver/WEB-INF/classes/view**