**Insite application setup guide**

**1.Maven setup**

**1.1 Setup maven on computer.**

Download maven 2.0.11 distributive here: http://maven.apache.org/download.html

Extract content or downloaded archive in some folder which we will call MAVEN\_HOME.

For convenient work it will be good to add path MAVEN\_HOME/bin in PATH variable.

Then you can check maven installation by following cmd line : 'mvn -version'. As result you must have version of your maven, but before JAVA\_HOME must be defined. So maven installed on your computer.

**1.2 Add maven support into eclipse.**

To use maven in eclipse you must install plug-in called 'maven2eclipse'. For this reason you should click eclipse menu links in following order :

Help ? Software updates ? find and install... ? Search for new features to install ? New remote site ? As name enter 'maven2eclipse' and as URL add http://m2eclipse.sonatype.org/sites/m2e ? Click Finish and follow instructions to install this plug-in.

**1.3 Maven customization.**

For our case we need to increase memory size. You must add MAVEN\_OPTS attribute in user variables with value '-Xms256m -Xmx700m'.

**2. Project build**

**2.1 Project download.**

You need to download to checkout our code from here : https://incheck.svn.cvsdude.com/insite/trunk/modules

You can use TortoiseSVN client or 'subeclipse' plug-in in eclipse. Folder with our project we will call INCHECK\_HOME.

**2.1 Project build.**

After this navigate into INCHECK\_HOME. You will find maven-build.bat(sh). Launch this file. As result you will see how the libraries downloaded from Internet and build appears. Finally if all will be fine you will find distributive for our application. It will be here : INCHECK\_HOME/insite-server/target/insite-server.war. Near this archive will be extracted folder with the same name. You can use both for launching.

If you will look inside each of module you can find build files. You can use it to build flex and java separately.

Don't forget that if you will build insite-server it will use old version of flash.

**3. Project launch**

**3.1 Basic Launch of application.**

After you receive folder 'INCHECK\_HOME/insite-server/target/insite-server' which contains our application you can launch you tomcat by linking Context to this folder like following :

<Context docBase="C:\Work\Projects\INCKECTECK\_MODULES\insite-server\target\insite-server" path="/insite-server" reloadable="true">

. . .

</Context>

Customize tomcat in according following file :

https://incheck.svn.cvsdude.com/insite/trunk/modules/insite-server/docs/tomcat\_configuration.txt

Now you can launch tomcat and navigate to url like 'http://localhost:8080/insite-server'

**3.1 Launch application with eclipse.**

To test java code you need debug it. So the best way to do this from eclipse. Module 'insite-server' in general web-project which adopted for using in eclipse. At first you must import it as existing project. Then create some tomcat server in server perspective. Customize it in according with file from previous case and then you can add 'insite-server' project as web-application. You can launch it and work now. You must understand that flash will be the same. To update it you must compile 'insite-flex' module and override existing in 'inside-server'.

In future some launch will be added to do it from eclipse.

**3.2 Launch of flex side.**

To test client side it's needed to launch 'insite-flex' from Flex Builder. It's no problem because this module is already adopted for this. You need to import 'insite-flex' like flex project. Then you must customize Flex SDK. Its version must be >= 3.4. Then it's necessary to customize Flex Server parameter. By default you must set only the Root folder. In additional compilation parameter you need update path to service-config.xml. In application distributive it located in '/WEB-INF/flex/' folder. If you have server with default basic parameters you can use 'Incheck' launch in Flex Builder. Don't forget to start server before launching of flex side.