BRM, VS2005 and SVN Walkthrough Script

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## Workflow Diagram

1. Programmer updates local working copy from tip in repository
2. After development, programmer updates repository with changes
3. When ready to do a build, Build Manager updates the build server
4. Build Manager generates the build.
5. Build Manager imports the build into BRM

Primary Repository:

C:\Aldon SVN Repository

Programmer Dev on AldonScreenSaver:

C:\Visual Studio 2005\AldonScreenSaver

AldonScreenSaver Build Server:

C:\AldonScreenSaver Build Server

Build AldonScreenSaver

Import into LM Build Release Management

1

2

3

4

5

## Step 1: Programmer Makes Changes

1. Navigate to C:\Visual Studio 2005\AldonScreenSaver
2. RC and select SVN Update
3. DC on the AldonScreenSaver.vbproj to launch VS 2005
4. Make a small change to OptionsForm code, e.g. an error message
5. Exit VS

## Step 2: Programmer Commits Changes back to Main Repository

1. RC on OptionsForm.vb and commit to repository

## Step 3: Build Manager Selects Desired Code for the Build

1. At some point, the Build Manager decides it is time to create a build of the changed code.
2. His first step is to update his build server directory with the desired code.
3. Navigate to C:\AldonScreenSaver Build Server
4. RC, TortoiseSVN, Update to Revision
5. Select Update Depth of Fully Recursive to update the entire tree structure.

## Step 4: Build Manager Creates the Build Package

1. Navigate to C:\AldonScreenSaver Build Server
2. DC on the AldonScreenSaver.vbproj to launch VS 2005
3. Select Build, Publish
4. Direct the output to C:\Build\AldonScreenSaver
5. Select Finish at any point to publish the build.

## Step 5: Build Manager Imports the Build Package into LM

### Manual Method via CMD Window (Normal Build with I, Q and P)

1. Open the CMD window and enter the following commands:

cd C:\Build\AldonScreenSaver\ScreenSaver\_1\_0\_0\_2

aa currel warehouse/distribution/build\_normal(2.0)

aa import -R -a BRM01 -v c:\Build\build\_values.txt -f c:\Build\build\_comments.txt \*

### Manual Method via CMD Window (Emergency Build with I and P)

1. Open the CMD window and enter the following commands:

cd C:\Build\AldonScreenSaver\ScreenSaver\_1\_0\_0\_2

aa currel warehouse/distribution/build\_emergency(2.0)

aa import -R -a BRM01 -v c:\Build\build\_values.txt -f c:\Build\build\_comments.txt \*

### Automated Method via BAT file

1. Open up C:\Build.
2. Show that AldonScreenSaver here has been updated with the new build results.
3. Edit the build\_script.bat file.
4. Show the concepts, change the task ID number.
5. Save and DC on it to run it.

## Step 6: Build Manager Promotes and Deploys Build Package via LM

1. Show how the package has arrived in the IMP stage.
2. RC and show properties
3. RC and promote.
4. Show deployment
   * Currently configured to deploy to PSG-CM-DEMO into c:\temp\Joeb
   * Also configured to run post-installation script that will send an email confirming delivery. (see c:\dm\_scripts\confirm\_Warehouse\_INV\_deploy.bat)