Jacoco Code Coverage and Reports

## On the IMPACT360 server:

1. Manually or via RAF/bat files install App Server to test.
   1. copy [\\itnas\QA\MustPassAutomation\Server\_Files](file:///\\itnas\QA\MustPassAutomation\Server_Files) to c:\temp
   2. run run\_install\_jacoco\_on\_15.1\_server.cmd command line from c:\temp as admin
   3. Wait till app server comes back up
2. Run all your tests (UI and/or service tests)

## On the Reporting Server:

1. Follow Setting up Jacoco for the first time below
2. Ant dump
3. Ant Report
4. View Report

## Setting up Jacoco for the first time.

1. Copy [\\itnas\MustPassAutomation\Jacoco](file:///\\itnas\MustPassAutomation\Jacoco) to the c: \ drive of your reporting server
2. Download the latest class files and source from artifactory that matches the build you are testing on the server into the c:\jacoco\lastest directory. (eg. <http://atlartifactory:8081/artifactory/simple/wfm-ci-release/com/verint/wfm/wfm-test-resources/15.1.1.591> for WFM)
3. Rename jar to zip and unzip into jacoco\latest directory
4. Each team needs to determine what class/src files to run reports against.
   1. As an example Firebirds have been taking the wfm-test-resources and pruning out applet and request management classes/src
   2. 1ResetBaselineAndCopy.bat and 2PruneUnusedClasses.bat are given as examples that would need to be edited by each team.
5. Running ant.
   1. You will need to add C:\jacoco\apache-ant-1.9.2-bin\bin to your PATH Environment Variable
   2. Edit the build.xml file.
      1. Edit the dump target to point to your IMPACT360 and dump the files to your report server.
      2. Edit the report target to pick up the dump files from i. and create merge files, then the reports.
   3. Ant report
   4. Your report should now be in the c:\jacoco\report directory.

## Example Analysis

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