CompanySearch:

The VS2010 and SQL

Walkthrough Script

Last updated: February 15, 2012

## Preliminary Info

1. Run the demo from PSG-TS.
2. Log in to LMe 6.1 as BUILDMGR, otherwise, the batch exit scripts won’t be able to import your build results.
3. Open VS2010.
   1. Access the solution here
      * Joe: c:\joeb\vs2010\CompanySearch\CompanySearch.sln
      * Anita:
   2. RC on the CompanySearch project line and select properties. Select Compile and then click on the Build Events button in the lower right. This is where we configure it to call the Aldon build script after a successful build.
4. Open SQL Server 2008
   1. Make sure you connect to the database by RC on the top line and Connect. Otherwise, when you delete the items below, they won’t really be deleted from the database.
   2. Expand the AdventureWorksTest QA database tree.
      * Drill down to Tables, HumanResources.Department, Columns.
      * Delete the EmailAddr column (the demo will recreate it).
      * Drill down to Programability, Stored Procedures
      * Delete dbo.WorkOrdersForBlade (the demo will recreate it).
   3. Expand the AdventureWorks production database tree.
      * Drill down to Tables, HumanResources.Department, Columns.
      * Delete the EmailAddr column (the demo will recreate it).
      * Drill down to Programability, Stored Procedures
      * Delete dbo.WorkOrdersForBlade (the demo will recreate it).
5. Open up CM and start up a request targeting Accounting/AP/CompanySearch(1) and the associated LMi release.
6. Open up LMe web portal.

## LMe as Version Control and RMD Walkthrough

1. Open LMe to Accounting/AP/CompanySearch(1) in the locations tab.
2. Start in CM, show the task created.
3. Open VS2010 to the CompanySearch solution
4. Open the view tab at the bottom of the screen to show Pending Checkouts
5. Show the solution under version control. In this case, it is Aldon providing that control.
6. Check out
   1. Add\_EmailAddr\_script.sql
      1. This is a script that will add the EmailAddr field to AdventureWorksTest HumanResources.Department table
   2. CustomerForm.vb (make no changes)
   3. WorkOrdersForBlade.sql
      1. This is a script that will create the WorkOrdersForBlade stored procedure in AdventureWorksTest database
7. Change the script date in the comment line at the top of the SQL files. Don’t change the VB form.
8. Check everything back in.
9. This moves the code into QA in the inventory and automatically deploys the changed files via CompSearchTest deployment profile.
10. This kicks off the following actions:
    1. All changed files are sent to PSG-TS and placed in c:\CompanySearch
    2. Post deploy calls PSG-TS c:\BuildScripts\NET\build\_script.bat:
       1. Uses the ASP.NET compiler to compile c:\CompanySearch into c:\CompanySearchBld on psg-ts
       2. Imports c:\CompanySearchBld into Accounting\AP\CompanySearch(Bld)
       3. Task id is BLD312
11. Switch to package view and show the imported package and its attributes.
12. Promote the package up to QA and deploy with CompSchBldTest. This does:
    1. Moves all SQL to psg-ts c:\SQLServerPackages
    2. Moves everything else to psg-ts c:\temp
    3. Post-install script c:\CSPostInstall\QAPostInstall.bat which does:
       1. Scan through the list of files being deployed
       2. Eliminate any that are being deleted
       3. Sort out any files that are Tables, Indexes and SQL (in that order)
       4. Run these commands against AdventureWorksTest QA database via the SQLCMD command.
       5. Write a log file to c:\CSPostInstall\parse.log of the commands executed and their results.
13. View the changes in SQL Server
    1. Navigate to AdventureWorksTest QA database
    2. RC on HumanResource.Department and select Refresh
    3. See the new EmailAddr column in HumanResource.Department
    4. RC on Stored Procedures and hit Refresh
    5. See the new WorkOrdersForBlade stored procedure.
14. Return to LMe package and promote the package to Production and deploy via CmpSchProd. This does:
    1. All SQL goes to psg-ts c:\SQLServerPackages
    2. Everything else goes to psg-websvr into c:\CompanySearch
    3. Post-install script c:\CSPostInstall\ProdPostInstall.bat which does:
       1. Scan through the list of files being deployed
       2. Eliminate any that are being deleted
       3. Sort out any files that are Tables, Indexes and SQL (in that order)
       4. Run these commands against AdventureWorks production database via the SQLCMD command.
       5. Write a log file to c:\CSPostInstall\parse.log of the commands executed and their results.
15. View the changes in SQL Server
    1. Navigate to AdventureWorks production database
    2. RC on HumanResource.Department and select Refresh
    3. See the new EmailAddr column in HumanResource.Department
    4. RC on Stored Procedures and hit Refresh
    5. See the new WorkOrdersForBlade stored procedure.

## RMD Only Walkthrough

1. Open VS2010 to the CompanySearch solution
2. Do not make any changes.
3. Open the view tab at the bottom of the screen to show build output
4. RC on the CompanySearch solution line
5. Select Build
6. This runs a build script c:\Build\CompanySearch\build.bat which does:
   1. Compile the contents of psg-ts C:\JoeB\VS2010\CompanySearch into C:\CompanySearchBld
   2. Imports c:\CompanySearchBld into Accounting\AP\CompanySearch(Bld)
   3. Task id is BLD312
7. Watch the progress in the output window.
8. When done, switch over to LMe 6.1
9. Open Accounting/AP/CompanySearch(Bld) in the package view
10. Show the imported package and its attributes.
11. Promote the package up to QA and deploy with CompSchBldTest. This does:
    1. Moves all SQL to psg-ts c:\SQLServerPackages
    2. Moves everything else to psg-ts c:\temp
    3. Post-install script c:\CSPostInstall\QAPostInstall.bat which does:
       1. Scan through the list of files being deployed
       2. Eliminate any that are being deleted
       3. Sort out any files that are Tables, Indexes and SQL (in that order)
       4. Run these commands against AdventureWorksTest QA database via the SQLCMD command.
       5. Write a log file to c:\CSPostInstall\parse.log of the commands executed and their results.
12. View the changes in SQL Server
    1. Navigate to AdventureWorksTest QA database
    2. RC on HumanResource.Department and select Refresh
    3. See the new EmailAddr column in HumanResource.Department
    4. RC on Stored Procedures and hit Refresh
    5. See the new WorkOrdersForBlade stored procedure.
13. Return to LMe package and promote the package to Production and deploy via CmpSchProd. This does:
    1. All SQL goes to psg-ts c:\SQLServerPackages
    2. Everything else goes to psg-websvr into c:\CompanySearch
    3. Post-install script c:\CSPostInstall\ProdPostInstall.bat which does:
       1. Scan through the list of files being deployed
       2. Eliminate any that are being deleted
       3. Sort out any files that are Tables, Indexes and SQL (in that order)
       4. Run these commands against AdventureWorks production database via the SQLCMD command.
       5. Write a log file to c:\CSPostInstall\parse.log of the commands executed and their results.
14. View the changes in SQL Server
    1. Navigate to AdventureWorks production database
    2. RC on HumanResource.Department and select Refresh
    3. See the new EmailAddr column in HumanResource.Department
    4. RC on Stored Procedures and hit Refresh
    5. See the new WorkOrdersForBlade stored procedure.