**Code Backup**

1. Take backup of the database (data, foreign\_keys, procedures, tables, views, props.sql, schemas.sql) using schemagen open-source tool. (<https://github.com/sethreno/schemazen>)

Run the below batch script in the AGS Server (198.168.50.50)

**AGSbackupScript.bat (***path: G:\Uclick\_Product\_Suite\CodeBackup***)**

This will create **AGS.zip** in the same folder.

1. Clone AGS repository in your local PC with the below credentials and github link

<https://github.com/uclicknetwork>

https://github.com/uclicknetwork/AGS.git

Username: babasaheb.pinjar@ccplglobal.com

Password: CCPL@2017ccpl

cmd > git clone <https://github.com/uclicknetwork/AGS.git>

The above command will create a local repository of the AGS environment code which is already created in github.

1. Create a ZIP\_Backups folder and copy the AGS.zip from the AGS server.
2. Create and run **AGSExtractUploadToGIT.bat**

This batch script will

1. Extract the AGS.zip and add the changes to your local repository
2. Upload the changes with timestamp to github repository
3. Repeat the process for Celcom, Ncell and UI\_Code(UI code is same for all the environments)

Celcom: 10.151.47.15 (path: Codebackup)

NCELL: 10.70.2.21 (path : F:\uClick\_Product\_Suite\CodeBackup)

1. This process has to be done every Friday night and make sure you don’t do any changes in the locally cloned repository (***we are assuming we are doing all development in production environment***)

**AGSbackupScript.bat**

*SchemaZen.exe script --server UCLICKSERVER05\UCLICKSERVER05 --database UC\_Admin --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\ReferenceServer\UC\_Admin --overwrite*

*SchemaZen.exe script --server UCLICKSERVER05\UCLICKSERVER05 --database UC\_Commerce --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\ReferenceServer\UC\_Commerce --overwrite*

*SchemaZen.exe script --server UCLICKSERVER05\UCLICKSERVER05 --database UC\_Operations --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\ReferenceServer\UC\_Operations --overwrite*

*SchemaZen.exe script --server UCLICKSERVER05\UCLICKSERVER05 --database UC\_Reference --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\ReferenceServer\UC\_Reference --overwrite*

*SchemaZen.exe script --server UCLICKSERVER06\UCLICKSERVER06 --user=uclickadmin --pass=CCPL@2017 --database UC\_Report --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\ReportServer\UC\_Report --overwrite*

*SchemaZen.exe script --server UCLICKSERVER04\UCLICKSERVER04 --user=uclickadmin --pass=CCPL@2017 --database UC\_Facilitate --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\BridgeServer\UC\_Facilitate --overwrite*

*SchemaZen.exe script --server UCLICKSERVER04\UCLICKSERVER04 --user=uclickadmin --pass=CCPL@2017 --database UC\_Bridge --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\BridgeServer\UC\_Bridge --overwrite*

*SchemaZen.exe script --server UCLICKSERVER01\UCLICKSERVER01 --user=uclickadmin --pass=CCPL@2017 --database UC\_Data01 --scriptDir G:\Uclick\_Product\_Suite\CodeBackup\CDRServer\UC\_Data01 --overwrite*

*"c:\Program Files\7-Zip\7z.exe" a AGS.zip ReferenceServer ReportServer BridgeServer CDRServer*

*RD /S /Q ReferenceServer ReportServer BridgeServer CDRServer*

**AGSExtractUploadToGIT.bat**

*:: Backup to GIT*

*@echo off*

*::* ***set local repository path***

*set backupPath=C:\Users\babas\Desktop\DATA\GIT\AGS\_Investor\testAGS\*

*::* ***set path and name of the backup zip***

*set ZIPBackups=C:\Users\babas\Desktop\DATA\GIT\AGS\_Investor\GITDesktopUI\ZIP\_Backups*

*set backup=AGS.zip*

*:: Extract backup*

*"c:\Program Files\7-Zip\7z.exe" -y x %ZIPBackups%\%backup% -o%backupPath%*

*:: Upload to git repository*

*cd %backupPath%*

*git add \**

*git commit -m "incremental changes %date% %time%"*

*git push*