# ECM Bootstrapper

This is a preliminary document that describes exactly what I am maintaining and working on. Basically, if it is listed in this document, it is working or within a couple of days of working. Each item listed below represents a separate piece of software that we own and maintain. It does not cover what I am very actively developing.

# Current Software Packages

* ECM Library Repository and Stored Procedures (SQL Server based)
* ECM Library (Visual Studio
  + SQL Server 2005
  + SQL Server 2008
  + Office 2003
  + Office 2007
  + (SQL Server 2010)
  + (Visual Studio 2010 .Net 4.0)
* ECM Bootstrapper
* ***ECM Server as a Service (no install currently)***
* ECM Light Client for the Workstation
* ***ECM Admin Management Module***
* ECM DB Installer Wizard
* ECM Prerequisites with Database (SQL Express 2005)
* ECM Prerequisites with w/o Database
* ECM License Generator
* ECM License Server
* ***ECM SharePoint Archive Server***
* ***ECM SharePoint Archive Interface GUI***

# Boot-Strap Generator

It has become necessary, due to the number of required interfaces, to place all software components required to run the different parts and assemblies of ECM Library into several predefined packages. These “prerequisite” packages are then referenced within the separate software products.

Packages live in the directory “c:\Program Files\Microsoft SDKs\Windows\v6.0A\Bootstrapper\”. This way, Visual Studio can find them, allowing them to be automatically included into the build for any given product. The bootstrapper that creates these installation packages can be found in “S:\software\Microsoft\Visual Studio\BootStrapper2008”. There are two applications here and both should be installed in any order.

It is not an intuitive and easy to use package. At best, it is fragmented and very poorly documented. However, once figured out, it does make adding prerequisites to a Click-Once deployment much easier, or maybe I should say, “Possible.”

Once created, a package will be placed into “your” user directory. Open the user directory and copy the “just created” package to “S:\software\Microsoft\Visual Studio\BootStrapper2008”. Then, upload that package to http://www.dalemiller.me/ecm.pre.reqs/packages/<name> as this is where the installer will retrieve the package.

# Current File Locations

* C:\dev\ECM\EcmLibrary\Prerequisites  
  This is the location on the hard drive of ALL development machines where the downloaded versions of the prerequisites’ executable resides. By keeping this in a stable locale, I can easily find them when I need to link to them.
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SMO
* http://www.dalemiller.me/ecm.pre.reqs/Packages/PDF Indexer
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL Command Line Interface
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL Server 2005 Advanced Services
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL Server 2005 Express Management Studio
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL Server Client
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL Server CLR Types
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL Sync
* http://www.dalemiller.me/ecm.pre.reqs/Packages/SQL XML Interface
* http://www.dalemiller.me/ecm.pre.reqs/Packages/Windows Installer 4.1 (reboot)