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| ECM Library Setup and InstallationPrerequisites for installation: presented the order in which they should be installed: This is a list of prerequisite software that MAY be required for ECM Library to operate properly. You will for sure need these four as well as a running version of SQL Server 2005 or 2008. SQL Server 2008 is preferred. If you have neither and want to run either the demo version of ECM Library or wish to run the free version of SQL Server 2008, that version will have to be downloaded and installed on your workstation. In either case, you will also need a license to operate the software and SQL Server Management Studio to run the restore. The restore process is needed to attach the ECM Library repository to your appropriate database. ***Knowledge of how to download and install Microsoft products is expected as well as basic computer skills for the demo download. For the full installation, we would expect a SQL Server or computer administrator to be involved.***  **Windows Installer 4.5**         [(link)](http://www.microsoft.com/downloadS/details.aspx?familyid=5A58B56F-60B6-4412-95B9-54D056D6F9F4&displaylang=en)  **Windows Power Shell (validation required)**     [(link to Vista power shell and others)](http://www.microsoft.com/downloads/details.aspx?FamilyId=C6EF4735-C7DE-46A2-997A-EA58FDFCBA63&displaylang=en)  **NET 3.5 SP1**     [(link)](http://www.microsoft.com/downloads/details.aspx?FamilyId=AB99342F-5D1A-413D-8319-81DA479AB0D7&displaylang=en) **If SQL Server is not already installed at your site, you will need to install SQL Server 2005 or 2008, either Standard or Enterprise or Express for small organizations.** **If you wish to use the free version of SQL Server, SQL Express, we recommend SQL Server 2008 Express with Advanced Services as these are required for the application to run properly. (Be certain when using the link below to download SQL Server 2008 with advanced services)**  [SQL Server 2008 Download Site](http://www.microsoft.com/express/sql/download/)  ***SQL Server Management Studio*** – this is not required to run the product, but it does make your life much, much easier when it is time to work with the database.  [Download Management Studio](http://msdn.microsoft.com/en-us/library/ms365247.aspx)  SQL Server 2008 SP1      [(link)](http://www.microsoft.com/downloads/details.aspx?FamilyID=66ab3dbb-bf3e-4f46-9559-ccc6a4f9dc19&displaylang=en) SQL Server and ECM Library Utility Programs **SQL CMD**     [(2008 Download Site)](http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=b33d2c78-1059-4ce2-b80d-2343c099bcb4) - This is a required product as we will from time-to-time send out “automated updates and changes” that require the installation of this product in order to work correctly.  **Visual Studio 2008 SP1** (if you have 2008 installed and have not applied the SP)     [(link)](http://www.microsoft.com/downloads/details.aspx?FamilyId=FBEE1648-7106-44A7-9649-6D9F6D58056E&displaylang=en) - This download is only needed if you have Visual Studio installed on your computer. Install ECM Library and the Repository The following links will take you through the ECM Library setup and database install.  [Install the Software](http://www.ecmpoint.com/demo) This will install the application on your computer.  [Download the Database](http://www.ecmlibrary.com/DBDownload/ECM.Library.bak) This will download a backup of our repository. You must restore it using SQL Server to the name ECM.Library.  [Download the Thesaurus](http://www.ecmlibrary.com/DBDownload/ECM.Thesaursus.bak) This will download a backup of our thesaurus. You must restore it using SQL Server to the name ECM.Thesaurus  [Acquire a license](http://www.ecmpoint.com/License) The product will not run until it is licensed. Please contact support for a license or if you have a valid customer number, you can get it from the license server. For demo licenses, please select the DEMO license check box. They will be good for 21 days. How to set up the Application Configuration File There are two ways to set up the application configuration file so that it will run with your particular instance of ECM Library and your SQL Server repository. The easiest way is to allow the application to install and then use the automated configuration screen provided from within ECM library.   1. When ECM Library has started for the first time, go into the administration function, “Edit the Application Configuration File”, open the screen, press the select servers button, select your Database from the drop down, and press the button that will automatically apply the changes fro you. 2. Save the changes 3. Make a backup 4. Exit and restart the application.  The second Go in and configure it manually. If you are comfortable in making changes to files and saving your work, this will represent no problem either.  Step 1 – Backup up the APP.CONFIG file so that you can start over if needed.  Step 2 – Edit the APP.CONFIG file using notepad or another wide character editor. Find the path to the APP.CONFIG file using the desktop shortcut or use the ADMIN function XXXX to get to the application directory.  Step 2 – The only change in this file is the occurrences of SP6000. This is the ECM Server in our environment. SP6000 must be changed to the name of the server in your environment. A simple edit and replace will work. Once the change is made, save the file back to its original name in the original directory and it is done. Outlook Security It is necessary to work with existing Microsoft Outlook Security. There is a very good link here <http://office.microsoft.com/en-us/orkXP/HA011362851033.aspx> for exchange server and if you have a good (registered/approved) virus program running, you can allow Outlook to execute without the interruption of the security popup window asking for permission. To do this, open Outlook, select Tools from the menu bar at the top, Select Trust Center, then Programmatic Access, and then click the radio button that says “Warn me about suspicious activity when my virus software is disabled or out of date.” In order to run automated cyclic archives, Outlook security must be set to allow unattended access to emails and address books by ECM Library. Why did we develop ECM Library to run on the workstation?We quote Microsoft: Web applications are limited in many ways, yet a large number of Web applications have been built over the last few years and more will continue to be developed going forward. Why do companies choose a Web-based solution over a rich client experience? There are a few good reasons, but the number one reason I hear is deployment.  When a company decides to create a new application for their employees, regardless of the type of system being designed, the discussion eventually moves to the issue of deployment. The system will need to be rolled out to the target users, and there needs to be a plan in place to handle ongoing updates (bug fixes, new feature releases, and so on). Years of experience with rolling out desktop applications have left most developers and IT staff with a good idea of the pain involved in client deployments, and a Web application ends up being the easier path. Of course, there are some tradeoffs in going with a browser-based Web application versus a rich-client application, but the fear of deployment usually makes those compromises acceptable. What we really need is a model for deploying client applications that is as easy and as safe as deploying a Web application, removing the need to compromise on the functionality of our applications. That is what "ClickOnce" brings to the table.  "ClickOnce" is a code name for a set of functionality in the next version of Microsoft® Visual Studio® .NET and the Microsoft® .NET Framework. It will allow us to create desktop applications that are deployed with a safe, system-controlled installation, and are automatically updated as needed from a central location. There are two main reasons to develop for the Web instead of for the client machine:  * The first reason is a need to limit your application to the lowest common denominator (the Web browser) in an effort to reach almost any device that can access the network. Web applications aim for "reach" not "rich," supporting the widest number of clients at the cost of some functionality. * The second reason is the ease of installation and ongoing updates. The ability to apply a bug fix onto a single machine or a small set of machines, instead of requiring the new code to be applied on every single client, is an amazing time saver in the maintenance of an application.   Going for reach is critical when your goal is to ensure availability to almost any device that can connect to the Web, but if you are dealing with a slightly narrower target audience, such as "employees and partners of my company," then reach isn't as much of an issue. Once you've reduced your target audience to something a little bit less than everything and everyone, you can constrain the target platform (Windows machines capable of supporting the .NET Framework) and then take advantage of that platform by building a full desktop application. ***ClickOnce allows you to do this by providing the second part of the equation: easy installation and automatic updates for your applications.***  For the full explanation, please see the link below:  [One Location all Updates Centralized](http://msdn.microsoft.com/en-us/library/ms996413.aspx) |