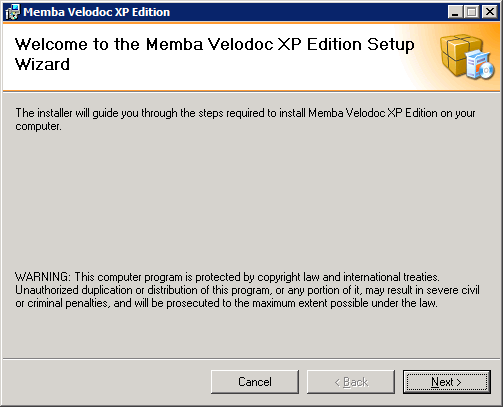
Installation

# Application

You can download Velodoc XP Edition from many web sites including <http://www.velodoc.com>. The application comes with an automated setup.



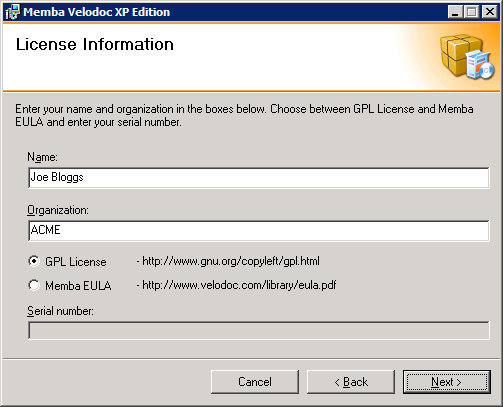
Running the setup depends on the following prerequisites:

1. Windows XP, Windows Server 2003, Windows Vista or Windows Server 2008 (Version > 5.1);
2. Internet Information Server (IIS) already installed;
3. .NET framework 2.0 already installed.

The setup does almost everything to get you up to a stage where you can run the web application, and more specifically:

* Copies the files to:
  + %SystemDrive%\InetPub\wwwroot\VelodocXP, and
  + %ProgramFiles%\Memba Velodoc XP
* Creates a file storage folder and adds required permissions to this folder;
* Creates the IIS virtual directory;
* Adds a script map for .dat files;
* Changes the Http Error 404 page;
* Updates the web site’s web.config;
* Registers the purge service with the service controller;
* Updates the purge service’s app.config;
* Creates shortcuts to access the web application;
* Adds the license key to the registry.

At some point during the installation wizard, you will be prompted for license information:



Memba Velodoc XP Edition is open source software which does not mean free software. You can choose among two licenses:

1. The [GPL license](http://www.gnu.org/copyleft/gpl.html) which is free but requires that you do not distribute (including access or display on the Internet) to people outside your organization, without giving Memba credit and without providing the source code. In other words, do not remove copyright notices and keep the links at the bottom right corner of pages. Note that developers can freely use the GPL license for any deployment in their development environment.
2. The [Memba EULA](http://www.velodoc.com/library/eula.pdf) which removes any of these constraints and can be purchased for a small fee per server at <http://www.velodoc.com>. Please appreciate that purchasing a Memba EULA rewards our efforts and funds future developments.

Most configuration settings can be changed after installing by modifying:

* %SystemDrive%\InetPub\wwwroot\VelodocXP\web.config, and
* %ProgramFiles%\Memba Velodoc XP\Memba.PurgeService.XP.exe.config

By default Velodoc XP Edition is configured to accept up to 100 MB uploads. You may want to modify this, especially if you want even larger files. To do so, you need to locate the following element in web.config:

<httpRuntime maxRequestLength="102400" executionTimeout="3600" />

maxRequestLength contains the maximum size of the post request in KB and 102400 KB = 100 MB.

In IIS 7, you may get the following error when you upload files larger than 30 MB: HTTP Error 404.13 - The request filtering module is configured to deny a request that exceeds the request content length. To resolve this, you need to add the following section to <configuration><webServer>:

<security>

<requestFiltering>

<requestLimits maxAllowedContentLength="102400000"/>

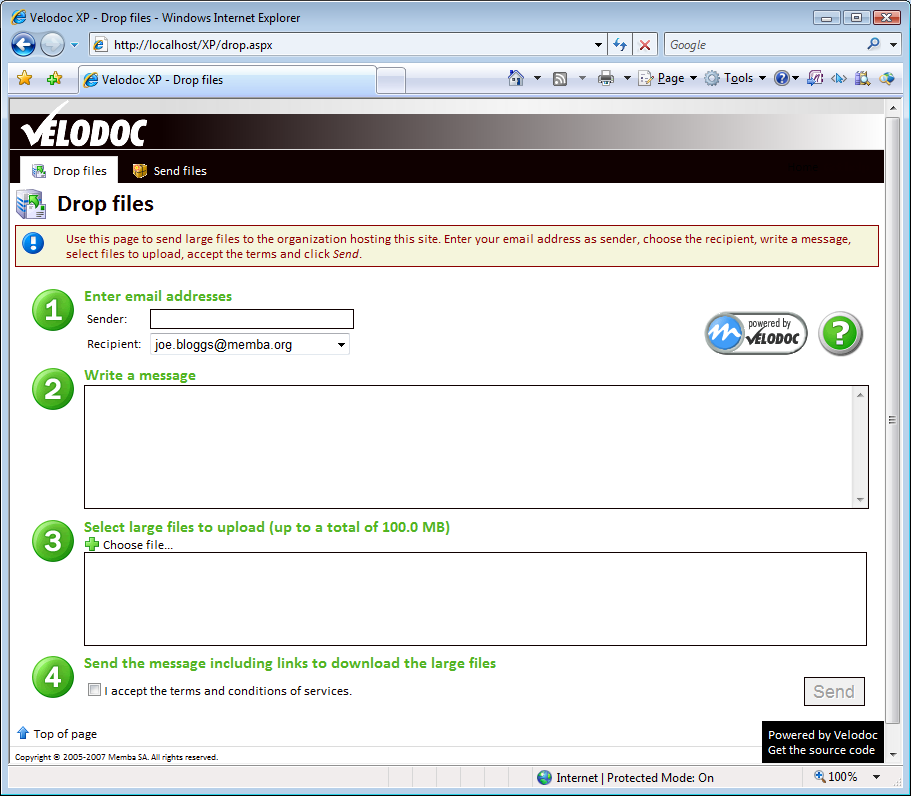
</requestFiltering>

</security>

If you have error that requestFiltering cannot be overriden you must edit your machine.config file and change:

* <section name="requestFiltering" overrideModeDefault="Deny" />  
  to
* <section name="requestFiltering" overrideModeDefault="Allow" />

Double-clicking the desktop shortcut called Memba Velodoc XP Edition launches the browser and displays the following page:



IMPORTANT: If you are like me and always click “Next” in installation wizards without reading dialogs, you may not know your Security Code when launching Velodoc XP Edition. The default security code is 1234 and you can find it at the following element in %SystemDrive%\InetPub\wwwroot\VelodocXP\web.config:

<appSettings>

<add key="UserList" value="me@acme.com;you@acme.com" />

<add key="SecurityCode" value="12345" />

<add key="FileMaxAge" value="14" />

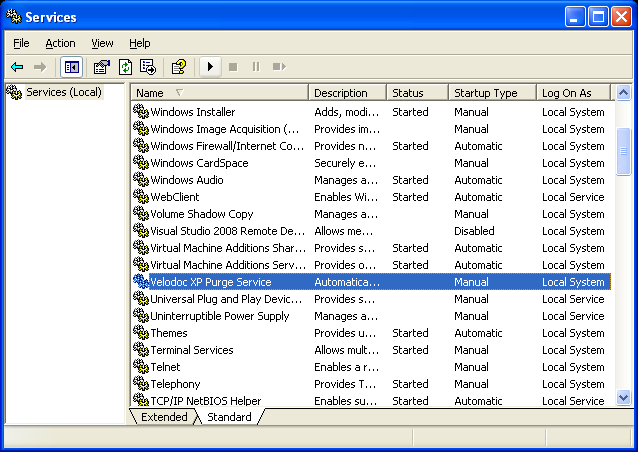
</appSettings>

Also note the user list which is displayed in drop down lists and which you can change here at any time.

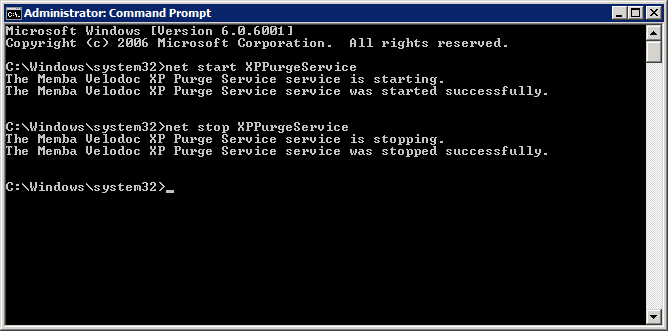
# Purge service

As you upload new files, files accumulate in the storage folder. To avoid that, we have provided a Purge Service which periodically clears old files from the storage folder.

After installing the application, the Purge Service is registered with the service controller but it is not started. You start the Purge service by launching the Services console (menu Start -> Settings -> Control Panel -> Administrative Tools -> Services), selecting the Purge Service in the list and clicking the Start button:



You can also launch the purge service from the command line using command net [start|stop] XPPurgeService as represented below:



By default, the Velodoc XP Purge Service is configured to clear files which are more than 14 days old. You can change this setting by modifying the value of FileMaxAge in %ProgramFiles%\Memba Velodoc XP\Memba.PurgeService.XP.exe.config

<appSettings>

<add key="Directory" value="C:\\STORAGE"/>

<add key="FileMaxAge" value="14"/>

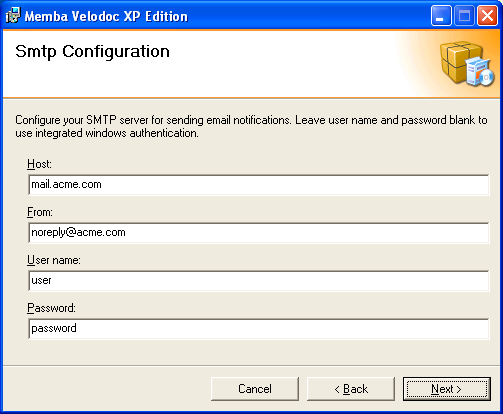
</appSettings>

You should also change the same setting in %SystemDrive%\InetPub\wwwroot\VelodocXP\web.config if you want the message which tells users how long their files will remain available to be accurate.

# SMTP Server

At some point during the installation wizard, you are queried for settings to connect Velodoc XP Edition to your SMTP server:

Le problème de traduction sur le site web a été résolu. Merci.



You can change the settings at any time in %SystemDrive%\InetPub\wwwroot\VelodocXP\web.config:

<system.net>

<mailSettings>

<smtp deliveryMethod="Network" from="noreply@acme.com">

<!--network host="localhost" port="25" defaultCredentials="true" /-->

<network host="mail.acme.com" port="25" userName="user"

password="password" />

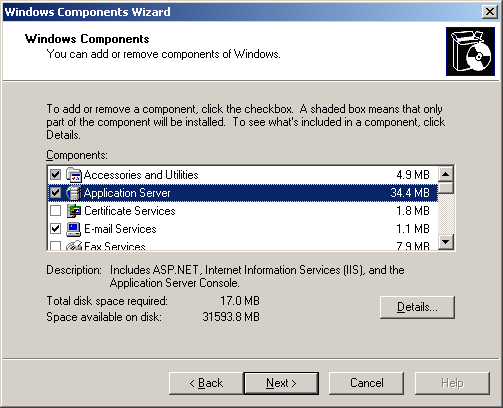
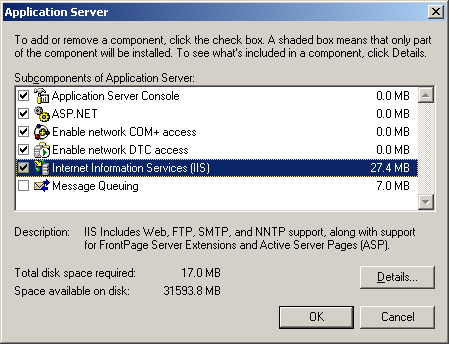
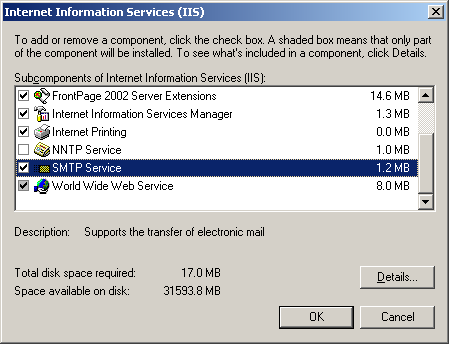
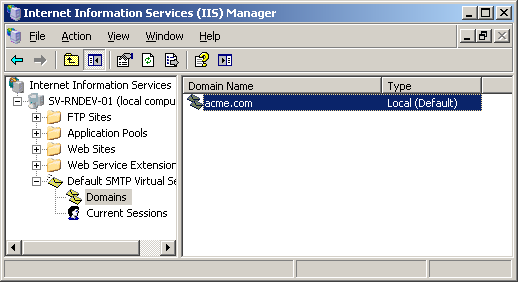
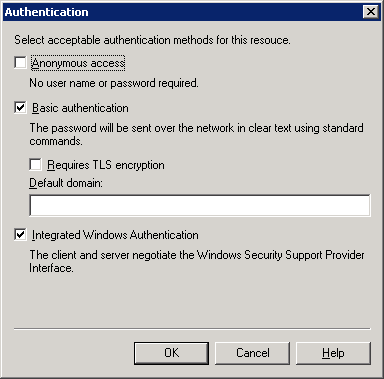
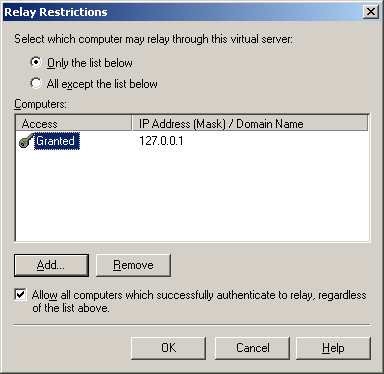
</smtp>

</mailSettings>

</system.net>

You can find more information about configuring mail settings at <http://msdn2.microsoft.com/en-us/library/w355a94k.aspx>.

If you are just evaluating Velodoc on a windows workstation, you may want to use the IIS built-in SMTP server.

1. Go to Control Panel -> Add/Remove Programs and select Windows Components.  
     
   
2. Display the details for Application Server  
     
   
3. Display the Details for Internet Information Services (IIS)  
     
   
4. Check SMTP Service and click the OK button. This will install the SMTP Service.
5. Launch the IIS Management Console (run inetmgr.exe). Give a relevant name to your default domain.  
     
   
6. Right click Default SMTP Virtual Server and select menu Properties... In the Default SMTP Virtual Server properties, go to the Access tab.
7. Set the Authentication as follows:  
     
   
8. Set relay as follows:  
     
   
9. Change the settings in %SystemDrive%\InetPub\wwwroot\VelodocXP\web.config:

<mailSettings>

<smtp deliveryMethod="Network" from="noreply@acme.com">

<network host="localhost" port="25" defaultCredentials="true" />

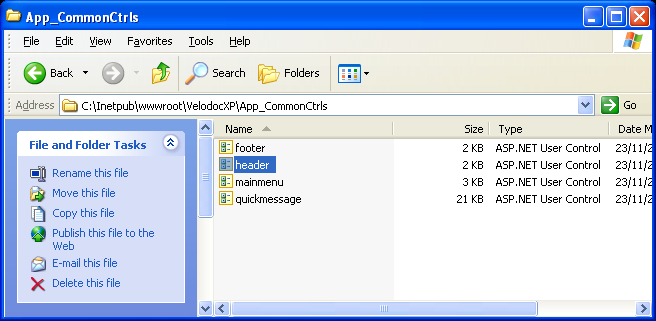
</smtp>

</mailSettings>

# Branding Velodoc XP Edition to your own corporate design guidelines

There are three files you need to modify to change the look & feel of Velodoc XP Edition:

* Colors are all defined in a single cascading style sheet located at ~/App\_Themes/XPBlack/Default.css where ~ represents the root of the web application or %SystemDrive%\InetPub\wwwroot\VelodocXP;
* The header of pages is located at ~/App\_CommonCtrls/header.ascx;
* The footer of pages is located at ~/App\_CommonCtrls/footer.ascx;



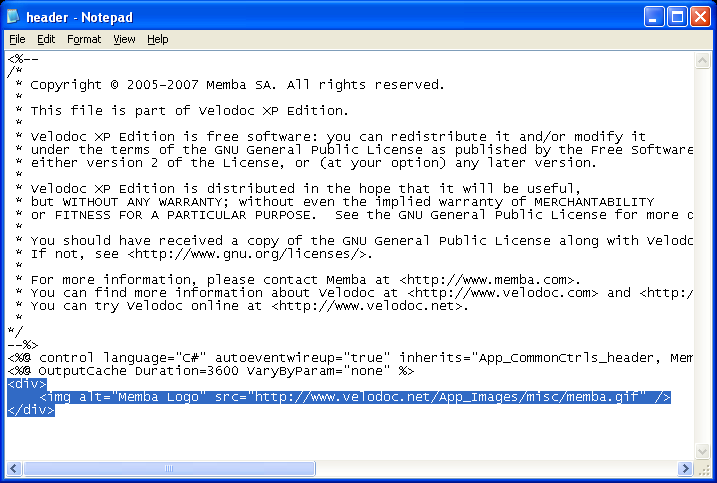
Open header.ascx with Notepad and change the content for:

<div>

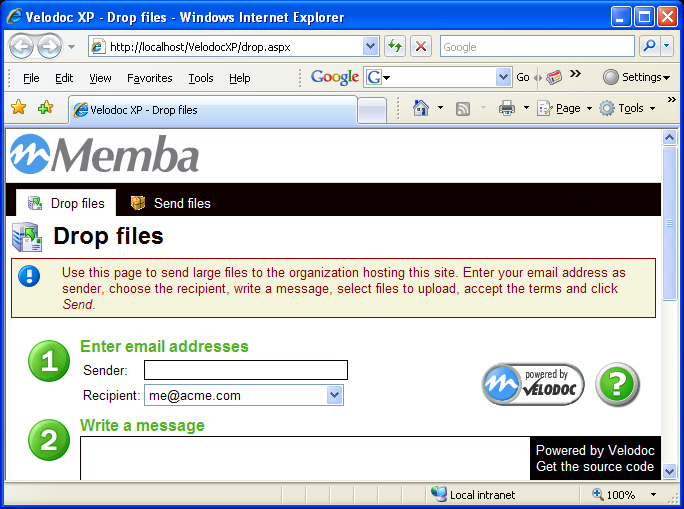
<img alt="Memba Logo"

src="http://www.velodoc.net/App\_Images/misc/memba.gif" />

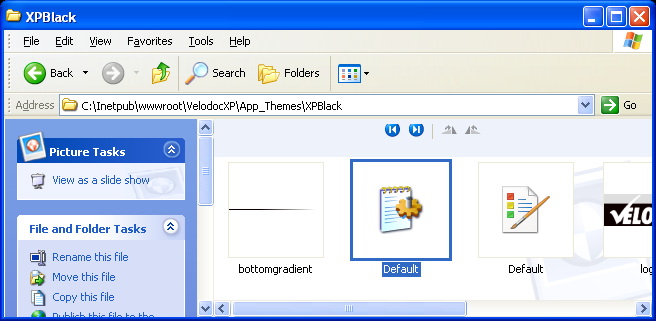
</div>



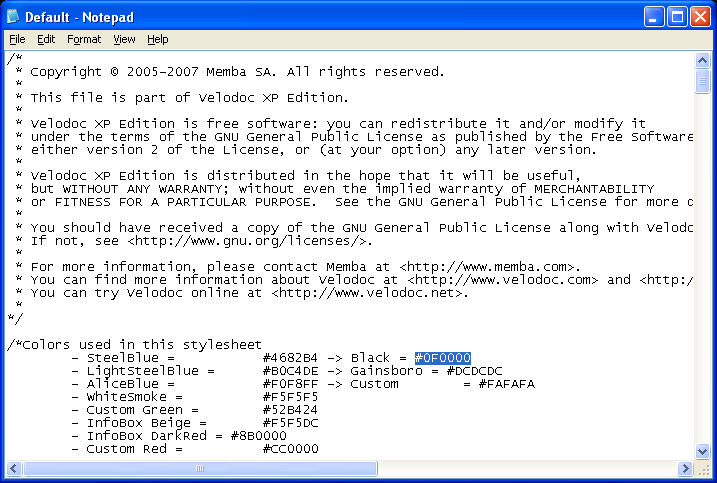
You now have a new header with a corporate logo:



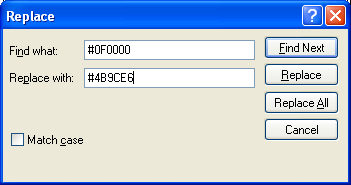
Now let us change the colors in the cascading style sheet:



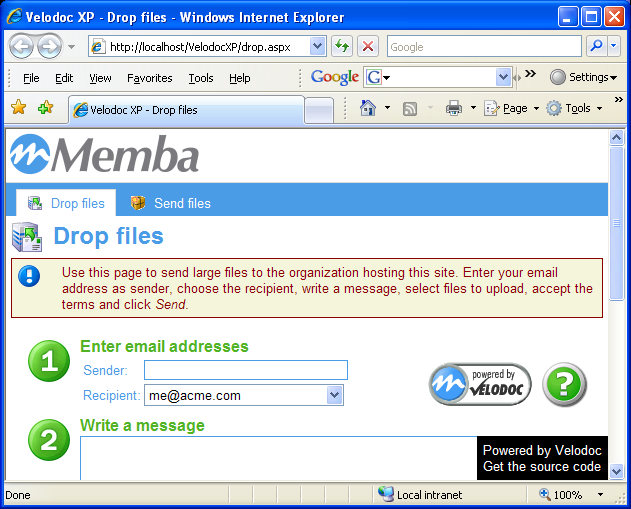
Open Default.css with Notepad:



Use find/replace to change #0F0000 for #4B9CE6:



You now have a branded user interface for Velodoc XP Edition:



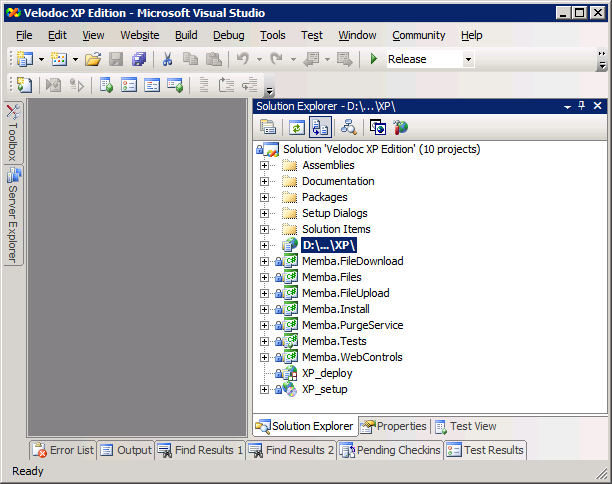
# Development Environment

We now explain how to deploy the source code in a development environment. You can get the source code at <http://www.velodoc.com>.

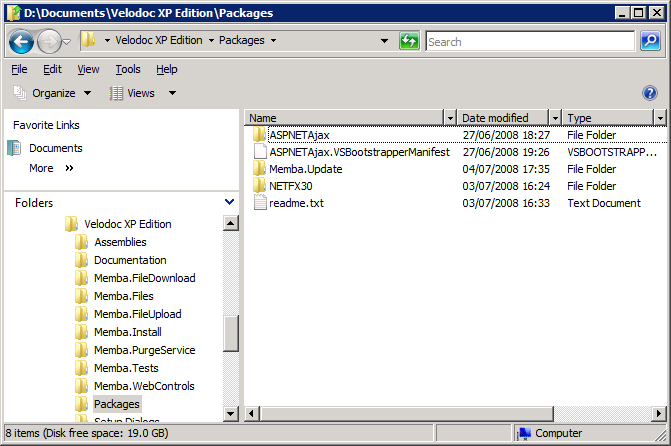
The prerequisites for opening and modifying the code of the Velodoc XP Edition solution are:

* Visual Studio 2005 (including .NET framework 2.0);
* .NET Framework 3.0;
* [Visual Studio 2005 extensions for .NET Framework 3.0 (WCF & WPF), November 2006 CTP](http://www.microsoft.com/downloads/details.aspx?familyid=F54F5537-CC86-4BF5-AE44-F5A1E805680D);
* [ASP.NET Ajax Extensions 1.0](http://www.microsoft.com/downloads/details.aspx?FamilyID=ca9d90fa-e8c9-42e3-aa19-08e2c027f5d6);
* [Visual Studio 2005 Web Deployment Projects](http://msdn2.microsoft.com/fr-fr/asp.net/Aa336619.aspx).

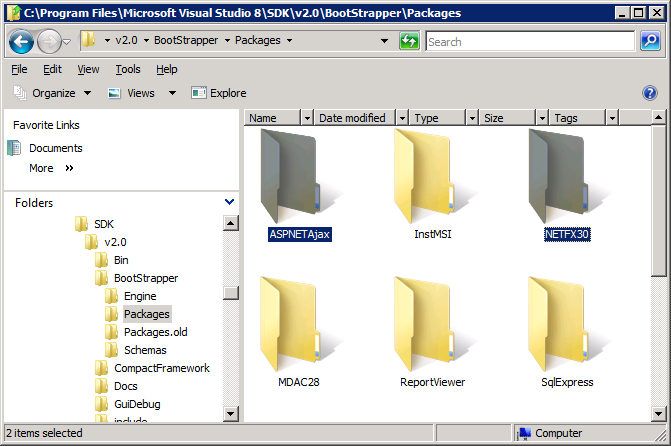
This is what you should see when opening the solution in Visual Studio 2005:



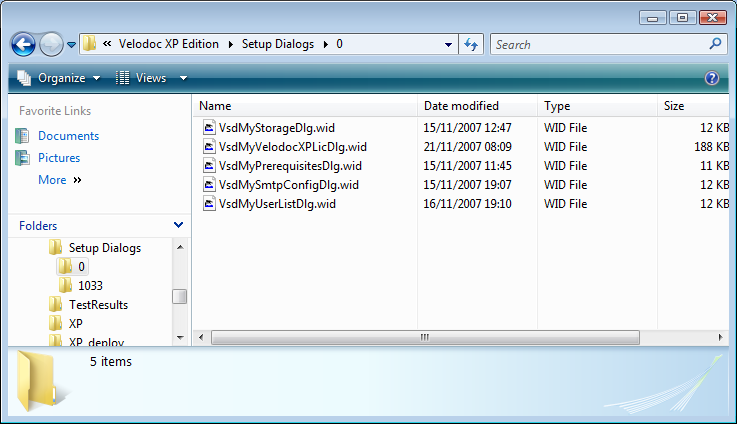
You will have to add the bootstrapper packages from Velodoc XP Edition\Packages



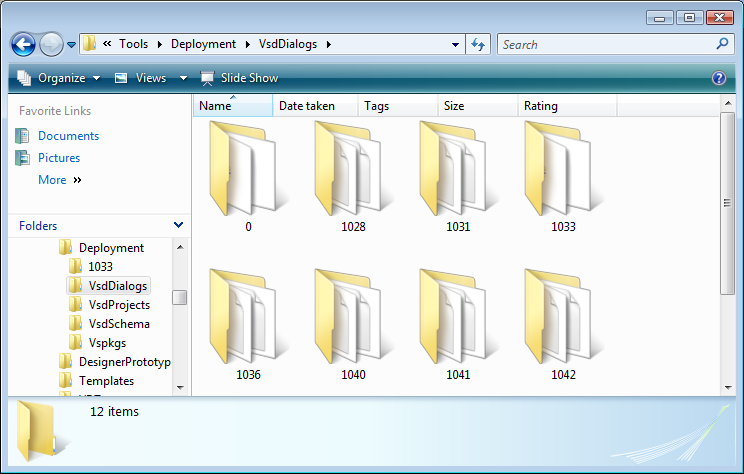
To %VSInstallDir%\ SDK\v2.0\Bootstrapper\Packages (this path is for Visual Studio 2005, see readme.txt for Visual Studio 2008):



You will have to add the Setup Dialogs from Velodoc XP Edition\Setup Dialogs

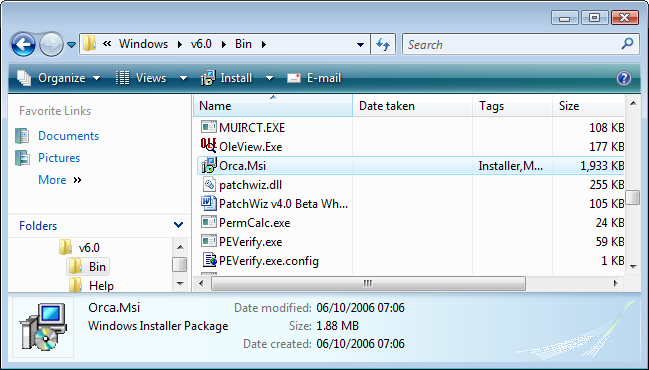


To %VSInstallDir%\Common7\Tools\Deployment\VsdDialogs



After, you will need to restart Visual Studio 2005.

If you want to modify these dialogs, install the Windows SDK and Orca.msi:



Now you will need to configure your environment, which is essentially done in:

* Velodoc XP Edition\XP\Web.config
* Velodoc XP Edition\Memba.PurgeService\App.config
* Velodoc XP Edition\Memba.Tests\App.config

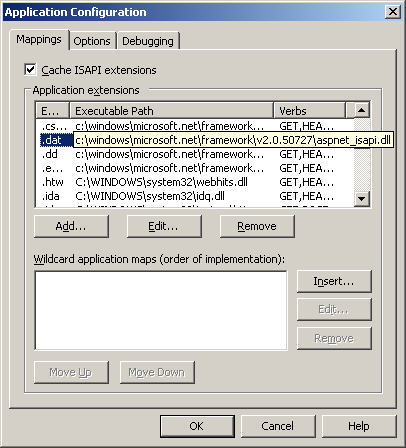
You will essentially have to configure:

* a storage folder (C:\STORAGE by default) and add Modify permissions either to (COMPUTERNAME\ASPNET, COMPUTERNAME\IIS\_WPG or BUILTIN\IIS\_IUSRS depending on your windows version); and
* an smtp server.

This is extensively detailed in the first section of this document and in the test plan, which we recommend you read at least concerning configuration.

Finally you may want to execute the application in Internet Information Server instead of Cassini, the Visual Studio web server. To do so, you need to:

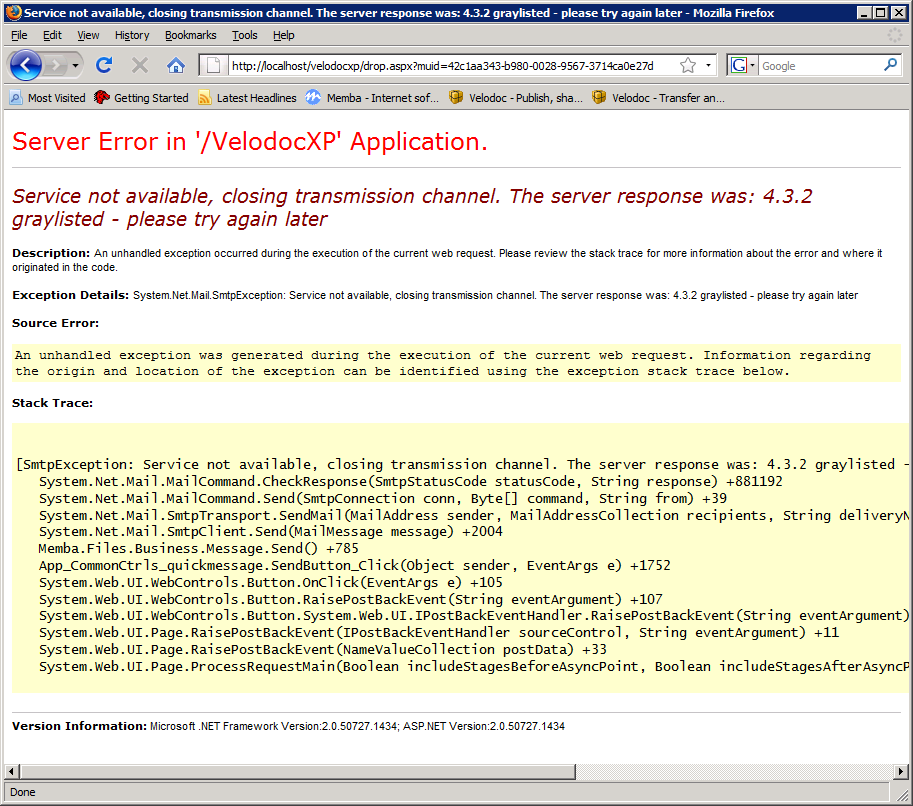
1. Configure a web application and depending on your platform, an application pool;
2. Give read access to the application directory to the user executing the application process (ASPNET in Windows XP, NETWORK SERVICE or a specific user in Windows Server 2003);
3. Give write access to the same user to the storage directory;
4. Map the .dat extension to aspnet\_isapi.dll in IIS (otherwise the handler will not be triggered to service downloads).



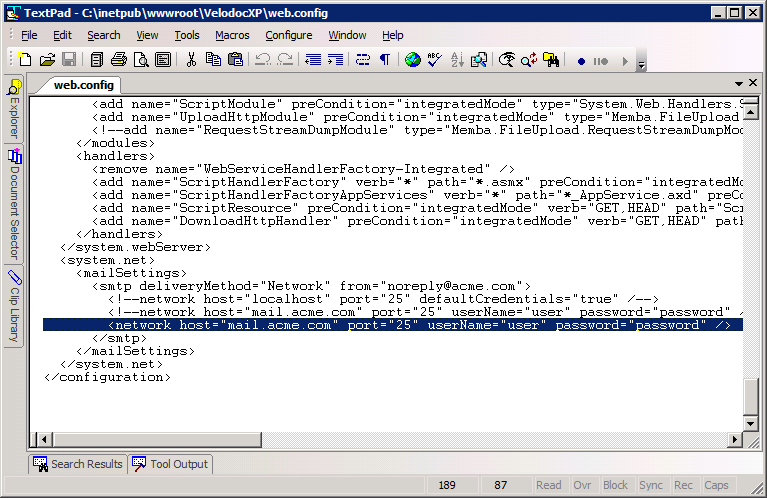
# Troubleshooting tips

## Use of default SMTP Configuration

If you have installed Velodoc XP Edition and you get “Service not available, closing transmission channel. The server response was: 4.3.2 graylisted - please try again later” when launching <http://localhost/VelodocXP>, this means that you are using the default values of the installer for your SMTP configuration:

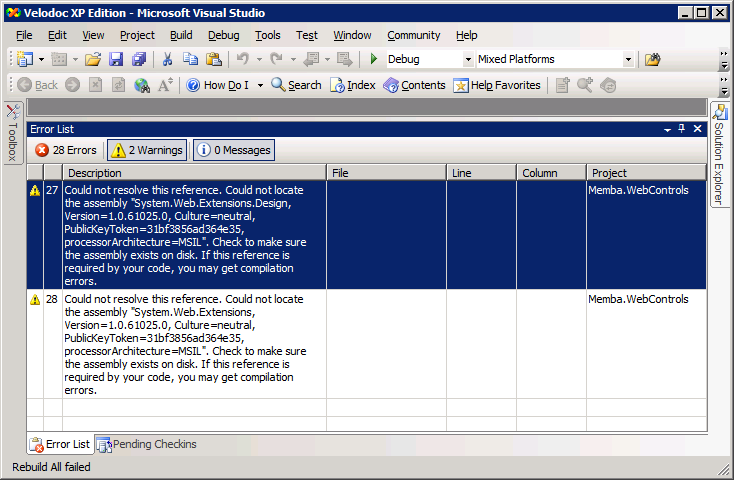


You need to correct the mailSettings section of your web.config file:



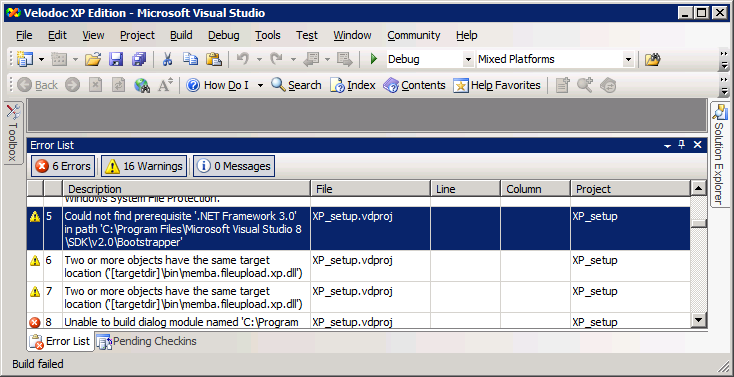
## Missing ASP.NET Ajax Extensions

If you have copied the source files and you are getting the following error message when building the solution, this means you have not installed ASP.NET Ajax Extensions 1.0.



## Missing Bootstrapper packages

If you have copied the source files and you are getting the following error message when building the setup, this means you have not copied the bootstrapper packages. Follow the instructions in the readme file of the Packages solution folder:



## Missing Setup Dialogs

If you have copied the source files and you are getting the following error message when building the setup, this means you have not copied the setup dialogs. Follow the instructions in the readme file of the Setup Dialogs solution folder:

