

## How to setup your {smartassembly} Build Server?

- 1) First, you need to install **{smartassembly}** and **Microsoft SQL Server Express Edition SP2** on the Build Server. This version of SQL Server is free and can be downloaded from Microsoft Website:

The 32 bits version of SQL Server Edition is available here:

<http://go.microsoft.com/fwlink/?LinkId=65212>

The 64 bits version of SQL Server Edition is available here:

<http://go.microsoft.com/fwlink/?LinkId=83387>

*If you already have another edition of **Microsoft SQL Server 2005 SP2** installed on the Build Server, you don't need to install **Microsoft SQL Server Express**.*

- 2) Then, you need to choose a folder for {smartassembly} to create the database. The folder must exist, and the SQL Engine must have full access to this folder (this may not be the case if the folder is a subfolder of "Program Files").

You need to specify the path to this folder in {smartassembly} settings file. This file is an XML file named "**{smartassembly}.settings**" and is located in "c:\ProgramData\{smartassembly}\ " under Vista, and in "c:\Program Files\{smartassembly}\" in previous versions of Windows.

The path to the database folder must be set in the **Path** attribute under the **Options\Database** node:

```
<SmartAssembly.Settings>
...
<Options>
  <Database Path="C:\{smartassembly}\Database\" Server=".\\SqlExpress"/>
...
</Options>
</SmartAssembly.Settings>
```

- 3) You may also need to set the name of SQL Server's instance if you don't use **Microsoft SQL Server Express Edition** with the default instance name. In this case, you need to set the Server information value to "." to use the default instance of SQL Server 2005, or ".\InstanceName" in order to connect to a named instance.

The server name must be set in the **Server** attribute under the **Options\Database** node.

- 4) {smartassembly} Server also needs a folder to store the Maps file (.{sa}Map). These files are created each time an assembly is built with the Exception reporting option set. They contain the information needed to create the exception report using the data reported by the application.

Without these files, it is no longer possible to decode the data reported and to create the exception report.

To avoid the multiplication of useless Maps, {smartassembly} will automatically delete the Map file 15 days after the last exception is reported, unless the associated assembly is marked as released (In this case, the Map will never be deleted).

To mark an assembly as released, you can either use the "**Mark As Released**" button in the UI version of {smartassembly} after the assembly is built, or the **"/markasreleased"** option in the command line mode of {smartassembly}.

**Any {smartassembly} Client Edition connecting to this Server needs Read/Write access to the Map folder.**

You need to specify in {smartassembly} settings file the local path to the folder ("**LocalPath**") and the network path for the Clients ("**NetworkPath**"). These values must be added in an Options\Maps node:

```
<SmartAssembly.Settings>
...
  <Options>
    <Maps LocalPath="C:\{smartassembly}\Maps\" NetworkPath="//myserver\Maps"/>
    ...
  </Options>
</SmartAssembly.Settings>
```

- 5) Then, run {smartassembly}.exe. If the UI interface appears, it means that the database was successfully created.

If {smartassembly} fails to create the database, a message box will appear with some debugging information. If needed, you can download **Microsoft SQL Server Management Studio Express (SSMSE)**, which will provide a UI interface to the SQL database.

The 32 bits version of SSMSE is available here:

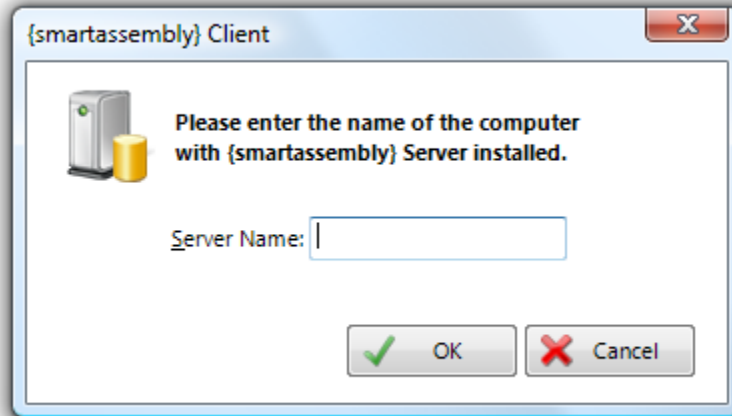
<http://go.microsoft.com/fwlink/?LinkId=65110>

The 64 bits version of SSMSE is available here:

<http://go.microsoft.com/fwlink/?LinkId=65264>

## How to setup your {smartassembly} Client?

The first time you launch {smartassembly} Client, it will ask for the information on the server name in the following dialog:



You need to set the name of the server, with the name of the instance if any.

Enter "**ServerName\SQLExpress**" if you connect to **Microsoft SQL Server Express Edition** configured with the default named instance. Otherwise, if you connect to another edition of SQL Server 2005, enter "**ServerName**" to use the default instance or "**ServerName\InstanceName**" in order to connect to a named instance.