Things to install on a fresh Dev machine build

# Install Microsoft Visual Studio 10

I installed this from ‘\\pbsw23it\it\VS 2010 Pro\SW\_DVD9\_Visual\_Studio\_Pro\_2010\_English\_Core\_MLF\_X16-76715.ISO’

# Install SQL Server 2008 R2

I installed this from ‘\\pbsw23it\it\SQL 2008 dev\en\_sql\_server\_2008\_r2\_developer\_x86\_x64\_ia64\_dvd\_522665.iso’.

Don’t forget you need a named instance of ‘sql2008r2’.

Run services as users:

Database server: Network Service

SQL Server Agent: Network Service

SQL Server anaylsis Services Local System

SQL Server Integration Service:Network Service

SQL Server Reposrting Services: Network Service

Admin password: the ‘PK’ password.

Clienk ‘Add current user for various admins.

Configure the SQL server that the server is accessing so that Server Authentication is set to ‘SQL Server and Windows Authentication Mode’

Ensure the data root is on the D: drive.

# Install Mercurial

Install from ‘http://mercurial.selenic.com/downloads/’ and install as user who will be using the machine or it can cause problems.

# Install Resharper

We are currently using 6.1.1 Install from <http://download.jetbrains.com/resharper/ReSharperSetup.6.1.1000.82.msi> Damian has licenses.

# Install Ruby

Still in use for some projects, I had problems running later versions than 1.9.3 <http://www.ruby-lang.org/en/downloads/> (<http://dl.bintray.com/oneclick/rubyinstaller/rubyinstaller-1.9.3-p448.exe?direct> ). You will then need to add these 2 environment variables HOME=’ % Temp%’ and add ’;C:\Ruby193\bin’ to PATH.

hg clone --verbose -- http://pbsdevtools01:81/PeninsulaRuby/ C:\PeninsulaRuby

# Install Rake

Once ruby is installed, type ‘gem install rake’ and ‘gem install albacore’ into the command line.

# Install Nant

Again, still used in a lot of places, install according to PBS Wiki get it from

<http://sourceforge.net/projects/nant/files/nant/0.92/>

Next we need to set an environment variables so we can run Nant from the command line.   
  
1) Open the advanced system settings from Control Panel\System and Security\System   
2) Click on the environment variables button  
3) Select the Path system variable  
4) Click on the edit button  
5) Append the following ; C:\nant-0.92\bin to the end of the variable value.

Copy the folder “NantBuildFiles” from the BusinessSafe repository (BusinessSafe\ThirdParty\nant\NantBuildFiles) to the root of the C: drive (C:\NantBuildFiles)

# Install TortoiseHg

Install from here: <http://tortoisehg.bitbucket.org/>

# Install MVC3

Install from <http://www.asp.net/mvc/mvc3>

# Install Beyond Compare

Install from <http://www.scootersoftware.com/download.php> and use licence key:

3i-XftFrCJEXBMk6n4nbtiquwnwA6oMMiTzR2SG47a1PIxSw9JhPR5ZxK

6snyFMoz8MREEldbR1JQqwa6Ks3FAySy-fSemkHIUKEDE+gq4QLrXvV+C

2fzpC4iRXA10v26bjst1wjtesJ+mpt+BGrGUO7DBXjTViLEe8-3zoKU0c

# Run aspnet\_regiis.exe

Never hurts to run these (if they exist):

%windir%\Microsoft.NET\Framework64\v4.0.30319\aspnet\_regiis.exe –i %windir%\Microsoft.NET\Framework\v4.0.21006\aspnet\_regiis.exe –i

# Run Reg File

A lot of our encryption is done using this reg key:

[\\pbsw23it\it\PbsEncryptionKey\PbsEncyrptionKey.reg](file:///\\pbsw23it\it\PbsEncryptionKey\PbsEncyrptionKey.reg)

# Ensure WCF Activation is checked

Go to Control Panel -> Programs – Turn on off Windows features, Features -> add Features -> Features > Add Features > Expand .Net Framework 3.5.1 Features > Check WCF Activation

# Ensure IIS is enabled

Go to Control Panel -> Programs -> Turn Windows Feature on and off, and check ’Internet Information Services’. The default sub-node selections should be OK to begin with.

# Ensure Message Queuing is Enabled

Go to Control Panel -> Programs -> Turn Windows Feature on and off, and check ‘Microsoft Message Queue (MSMQ) Server ’. The default sub-node selections should be OK to begin with.

# Required mercurial repositories

PeninsulaOnline, BusinessSafe, ClientDetailsServices

# Host file

Add these entries to your host file

127.0.0.1 login.dev-peninsula-online.com

127.0.0.1 businesssafe.dev-peninsula-online.com

Host file location: C:\Windows\System32\drivers\etc\hosts

# Create websites

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Website name** | **Port** | **Host** | **Physical file Path** |  |  |
| Peninsula.Online.Web | 80 | login.dev-peninsula-online.com | {YourWorkingFolder}\PeninsulaOnline.Peninsula.Online.Web |  |  |
| Peninsula.Online.Maintenance | 8074 |  | {YourWorkingFolder}\PeninsulaOnline\Peninsula.Online.Maintenance |  |  |
| Peninsula.Online.Webservice | 8073 |  | {YourWorkingFolder}\PeninsulaOnline\Peninsula.Online.WebService |  |  |
| Businesssafe | 80 | businesssafe.dev-peninsula-online.com | {YourWorkingFolder}\BusinessSafe\BusinessSafe.WebSite |  |  |
| ClientDetailsServices | 8072 |  | {YourWorkingFolder}\ClientDetailsServices\ClientDetailsServices.Rest |  |  |
| BusinessSafe.WCF | 8103 |  | {YourWorkingFolder}\BusinessSafe\BusinessSafe.WCF |  |  |

Application pools must be ASP.NET 4.0

# Create databases

Open new command line window. Change directory to PeninsulaOnline repository directory and then enter ‘rake dbsetup’. Repeat for BusinessSafe and ClientDetailsServices

Create a new database in (local)\sql2008r2 (manually below or by running “SQLScripts\CREATE NServiceBus database.localhost\_sql2008R2.sql” after connecting.

Right click Databases -> New Database

Database name “NServiceBus”, Owner “IntranetAdmin”

Please make sure the SQL Server authentication is “SQL server and Windows Authentication mode”. To check this right click (local)\SQL2008R2 in the SQL server management studio, select properties and then security. Server authentication should be selected as “SQL Server and Windows authentication mode”. If it is changed then restart the SQL server services from control panel / services.

# *Add Connection Strings*

Add the BSO connection strings to the machine configs

In the files:

C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config

C:\Windows\Microsoft.NET\Framework64\v4.0.30319\Config\machine.config

Find the “ <connectionStrings>” section and add the following connection strings

                                <add name="BusinessSafe" connectionString="Data Source='(local)\sql2008r2';Initial Catalog=BusinessSafe;Min Pool Size=2;Max Pool Size=60;Connect Timeout=60;User Id=intranetadmin;Password=intadpas;" providerName="System.Data.SqlClient" />

                                <add name="Peninsula\_BusinessSafe" connectionString="Data Source='(local)\sql2008r2';Initial Catalog=Peninsula\_BusinessSafe;Min Pool Size=2;Max Pool Size=60;Connect Timeout=60;User Id=intranetadmin;Password=intadpas;" providerName="System.Data.SqlClient" />

                                <add name="PeninsulaOnline" connectionString="Data Source='(local)\sql2008r2';Initial Catalog=PeninsulaOnline;Min Pool Size=2;Max Pool Size=60;Connect Timeout=60;User Id=intranetadmin;Password=intadpas;" providerName="System.Data.SqlClient" />

                                <add name="HRO" connectionString="Data Source='PBSUATSQL2\Uat2';Initial Catalog=HRO;Min Pool Size=2;Max Pool Size=60;Connect Timeout=60;User Id=intranetadmin;Password=intadpas;" providerName="System.Data.SqlClient" />

                                <add name="PeninsulaEntities" connectionString="metadata=res://\*/Peninsula.csdl|res://\*/Peninsula.ssdl|res://\*/Peninsula.msl;provider=System.Data.SqlClient;provider connection string=&quot;data source=(local)\sql2008r2;initial catalog=Peninsula\_BusinessSafe;integrated security=True;multipleactiveresultsets=True;App=EntityFramework&quot;" providerName="System.Data.EntityClient" />

                                <add name="BusinessSafe\_Intranetadmin" connectionString="Data Source=(local)\sql2008r2;Initial Catalog=BusinessSafe;Min Pool Size=2;Max Pool Size=60;Connect Timeout=60;User Id=intranetadmin;Password=intadpas;" providerName="System.Data.SqlClient"/>

# Misc

Open the file “PeninsulaOnline\Peninsula.Online.Web\StructureMap.config” and in the section “businessSafeConfigs”, add a key value pair using your machine name i.e.

<Pair Key="<yourmachienname>" Value="http://businesssafe.dev-peninsula-online.com"/>

In the Section “hrOnlineConfigs”, add a key-value pair pair using your machine name i.e.

 <Pair Key="<yourmachinename>" Value=""/>

Commit these changes.

# Creating Accounts

This link will allow you to access your dev version of BSO without having to login.

<http://businesssafe.dev-peninsula-online.com/AutoLogInFromPeninsula/Index?userId=16ac58fb-4ea4-4482-ac3d-000d607af67c&companyId=55881>