IBM Platform Symphony RFE 98294 Readme File

Abstract
Platform Symphony 7.1 Fix Pack 1 support for Visual Studio 2015.

Description
Currently, Platform Symphony 7.1 Fix Pack 1 supports Visual Studio 2008 and Visual Studio 2010. This fix enables Platform Symphony 7.1 Fix Pack 1 to also support Visual Studio 2015.

Readme file for: IBM® Platform Symphony
Product/Component Release: 7.1 Fix Pack 1
Fix ID: sym-7.1-build435860-welfg
Publication date: 28 December 2016
Last modified date: 28 December 2016

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1. Scope

Applicability	
Operating system	Windows Server 2008 R2 64-bit
Product version	IBM Platform Symphony 7.1 Fix Pack 1

2. Installation

1. Prerequisites

1) To apply this fix, you must have Platform Symphony 7.1 Developer Edition installed on Windows.

2) This fix must be applied on Platform Symphony Developer Edition hosts.

3) To apply this fix, you must have Visual Studio 2015 installed on your development hosts.

2. Packages

File name	Description
`symde7.1_win-x64_build435860.msp`	The package that contains this fix.

3. Installation procedure

a. Before installation

Disable applications using the following command:

```
$ soamcontrol app disable all
```

b. Installation steps

Copy the `symde7.1_win-x64_build435860.msp` package to your Platform Symphony Developer Edition hosts and then do one of the following steps:

- **Interactive installation**
  Double-click the Platform Symphony Developer Edition MSP package to run the Platform Symphony Developer installer.

- **Silent installation**
  Run the Platform Symphony Developer installer from the command line using the following command:

```
C:\>msiexec /update <Sym_package_name_path> /l*v <Sym_install_log>
/norestart /quiet REINSTALLMODE=omus
```

where:
- Sym_package_name_path is the fully qualified file name of the MSP package in this release.
- Sym_install_log is the log file for the Platform Symphony Developer Edition upgrade.

For example, to update a Windows 64-bit Platform Symphony Developer Edition host, run the following command:

```
C:\>msiexec /update C:\symde7.1_win-x64_build435860.msp /l*v
updateSym.log /norestart /quiet REINSTALLMODE=omus
```

c. After installation

Enable the application using the following command:

```
$soamcontrol app enable app
```

d. Uninstalling

1) Disable applications using the following command:

```
> soamcontrol app disable all
```

2) Uninstall this fix:

You can use the Microsoft Windows Control Panel (Control Panel > Programs and Features > View installed updates) to roll back to a previous Platform Symphony package on a Windows host.

You can also use the following command to roll back Platform Symphony:

a) Get the Platform Symphony package for Platform Symphony 7.1 (for example, `symde7.1_win-x64_build435860.msp` in this case).

b) Use the following command to roll back Platform Symphony:

```
C:\>msiexec /uninstall <Sym_SP_path> /package <Sym_7.1_path>
/norestart /quiet /l*v <Sym_rollback_log>
```

where:
- Sym_SP_name_path is the fully qualified file name of the MSP package in this release.
- Sym_7.1_path is the fully qualified file name of the Platform Symphony 7.1 MSI package.
- Sym_rollback_log is the log file for the Platform Symphony rollback.

3. Usage

To build a Platform Symphony sample using Visual Studio 2015, follow these steps:

1. Load one of the following files into Visual Studio 2015 and build it:

   - The `Application_vc120.sln` solution file.
   - The `Application.NET64.2013.sln` solution file.

These solution files are in the `%SOAM_HOME%\7.1\samples\CPP\Application` and `%SOAM_HOME%\7.1\samples\C#\Application` directories.

2. If your sample is compiled with CPP, upgrade the current Visual Studio tools by selecting the **Project** menu (or right-clicking the solution), and then selecting **Retarget solution**.

   For example:
   ```
   Upgrading project 'Common'...
      Configuration 'Debug|Win32': changing Platform Toolset to 'v140' (was
   'v110').
      Configuration 'Debug|x64': changing Platform Toolset to 'v140' (was
   'v110').
      Configuration 'Release|Win32': changing Platform Toolset to 'v140'
   (was 'v110').
      Configuration 'Release|x64': changing Platform Toolset to 'v140' (was
   'v110').
   ```

3. If your sample is compiled with C#, modify the target framework to the .NET Framework 4.5.2.

4. Compiled binaries are placed into the following directories:
   `%SOAM_HOME%\7.1\samples\CPP\Application\Output\`
   `%SOAM_HOME%\7.1\samples\C#\Application\Output\`

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