# Action required to load native assemblies

To deploy an application that uses spatial data types to a machine that does not have 'System CLR Types for SQL Server' installed you also need to deploy the native assembly SqlServerSpatial140.dll. Both x86 (32 bit) and x64 (64 bit) versions of this assembly have been added to your project under the SqlServerTypes\x86 and SqlServerTypes\x64 subdirectories. The native assembly msvcr120.dll is also included in case the C++ runtime is not installed.

You need to add code to load the correct one of these assemblies at runtime (depending on the current architecture).

## ASP.NET Web Sites

For ASP.NET Web Sites, add the following block of code to the code behind file of the Web Form where you have added Report Viewer Control:

Default.aspx.cs:  
   
 public partial class \_Default : System.Web.UI.Page  
 {  
 static bool \_isSqlTypesLoaded = false;  
  
 public \_Default()  
 {  
 if (!\_isSqlTypesLoaded)  
 {  
 SqlServerTypes.Utilities.LoadNativeAssemblies(Server.MapPath("~"));  
 \_isSqlTypesLoaded = true;  
 }  
   
 }  
 }

## ASP.NET Web Applications

For ASP.NET Web Applications, add the following line of code to the Application\_Start method in Global.asax.cs:

SqlServerTypes.Utilities.LoadNativeAssemblies(Server.MapPath("~/bin"));

## Desktop Applications

For desktop applications, add the following line of code to run before any spatial operations are performed:

SqlServerTypes.Utilities.LoadNativeAssemblies(AppDomain.CurrentDomain.BaseDirectory);