

Knowledge Base Article

Product Group: Software
Product: CMSW7400 - @ptitude Analyst
Version: 8.0

Abstract

When trying to connect to the database after SKF @ptitude Analyst is installed, the error message, "Unable to find the requested .Net Framework Data Provider. It may not be installed," [Figure 1] is displayed. This article provides a solution to the error.

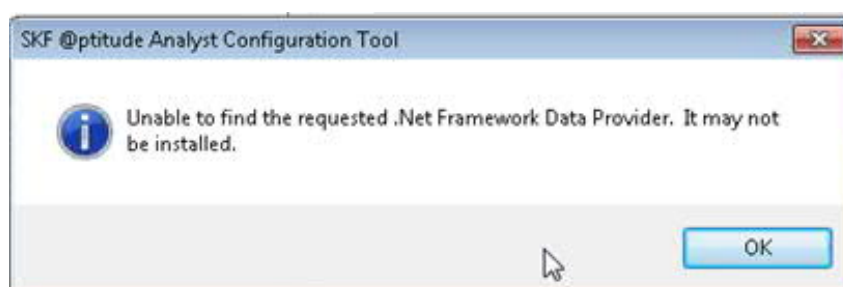


Figure 1. .Net Framework error

In addition to error shown above, another error message, "The 'DbProviderFactories' section can only appear once per config file," [Figure 2] is displayed.

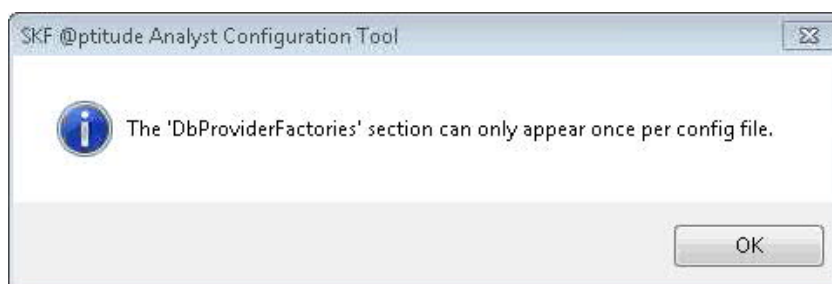


Figure 2. 'DbProviderFactories' error

This article provides a solution to the problem.

Overview

When Visual Studio 2010 is installed, sometimes - not always - the Machine.Config files for .Net Framework versions 2 & 4 may end up with two 'DbProviderFactories' sections, however, the second one will be empty. Follow the steps below to fix the problem.

1. Check the following two files:

- C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\Machine.Config
- C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\Machine.Config

2. The block of code to pay attention to is shown below. There will be an extra, self-terminated **<DbProviderFactories/>** tag in both of the files:

```
<system.data>
  <DbProviderFactories>
    <add name="Odbc Data Provider" invariant="System.Data.Odbc" ... />
    <add name="OleDb Data Provider" invariant="System.Data.OleDb" ... />
    <add name="OracleClient Data Provider" invariant="System.Data ... />
    <add name="SqlClient Data Provider" invariant="System.Data ... />
    <add name="IBM DB2 for i .NET Provider" invariant="IBM.Data ... />
    <add name="Microsoft SQL Server Compact Data Provider" ... />
  </DbProviderFactories>
  <DbProviderFactories/>
</system.data>
```

Once the extra <DbProviderFactories/> tag is deleted from the Machine.Config files, the database connection information in SKF @ptitude Analyst Configuration Tool can save without errors.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by e-mail at TSG-CMC@skf.com.