

Knowledge Base Article

Product Group: Software

Product: CMSW7400 – @ptitude Analyst

Version: 7.0

Abstract

This article provides steps to manually register an IMx service as a work-around in the event the service cannot be registered using the SKF @ptitude Analyst Configuration Tool.

Overview

The following steps may be used to perform manual registration of an IMx service.

1. Run Windows Command Prompt as Administrator.
2. Change the directory to the latest .NET framework on your machine.
For example: C:\Windows\Microsoft.NET\Framework\v4.0.30319
3. Type the following:

```
InstallUtil  
  /Servicename="MyIMxService"  
  /Serviceid="ImxService_MyIMxService"  
  "C:\Program Files\SKF-RS\SKF @ptitude Analyst\skflmxService.exe"
```

***MyIMxService** is the service name that will be displayed on the Analyst status bar. This may be renamed as long as it does not contain spaces.*

4. Open Windows Services Console and verify a new service with the name "SKF @ptitude IMx-MyIMxService" is in the list of services.
5. Use Windows Explorer to navigate to the @ptitude Analyst executable directory at C:\Program Files\SKF-RS\SKF @ptitude Analyst.

6. Use Notepad to edit the file **skflmxService.exe.config** and add the highlighted text:

```
?xml version="1.0" encoding="utf-8"?>
<configuration>
  <configSections>
    <section name="dataConfiguration"
type="Microsoft.Practices.EnterpriseLibrary.Data.Configuration.DatabaseSettings,
Microsoft.Practices.EnterpriseLibrary.Data, Version=3.1.0.0, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a" />
    <section name="lmxService_MyIMxService"
type="System.Configuration.NameValueSectionHandler" />
  </configSections>
  <appSettings configSource="skfAppSettings.config" />
  <system.diagnostics>
    <switches>
      <add name="enableAssert" value="0" />
      <add name="enableMail" value="0" />
      <add name="enableEventLog" value="1" />
    </switches>
  </system.diagnostics>
  <dataConfiguration defaultDatabase="$${???_skfuser}" />
  <connectionStrings configSource="skfDbConnections.config" />
  <lmxService_MyIMxService>
    <add key="ServiceName" value="MyIMxService" />
    <add key="ServicePort" value="1000" />
    <add key="DbConnectName" value="MySQLDatabase" />
    <add key="Hostname" value="MyComputerName" />
    <add key="SendEmail" value="0" />
    <add key="EmailAddress" value="" />
    <!--Detail levels: 0 none; 1 minimal; 2 debug; 3 full-->
    <add key="WriteCommsLogFile" value="false" />
    <add key="CommsLogFileDetailLevel" value="0" />
    <add key="BovCheckMinutes" value="5" />
  </lmxService_MyIMxService>
```

7. Update the text in **bold** above to match your local configuration:
 - Rename **MyIMxService** if it was renamed in step 3.
 - Change the **ServicePort** if you plan to use other than port 1000.
 - Change the **DbConnectName** to the active database connection name as entered on the Configuration Tool.
 - Change the **HostName** to the local computer name.
8. Open SQL Server Management Studio (or SQLPlus if using Oracle) and connect to the @ptitude Analyst database as skfuser1.

9. Execute the following SQL statement. Update the text in bold as in previous step.

```
INSERT INTO AnaDeviceServiceConfig  
(ServiceName, ServiceHost, ServiceRegistered, DeviceServiceType)  
Values ( 'MyIMxService', 'MyComputerName', 1, 1 );
```

Execute COMMIT; if using Oracle.

10. Go back to Windows Services Console and start the service. Run @ptitude Analyst and verify the service named is displayed on the status bar.

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