

10. Application configurations

10.1. General parameters

Logging level

The logging level defines the amount of logging done by the application. Each event that can be logged has a priority. The logging level defines which events will be added to the log file.

Logging levels listed in order of increasing amount of information logged:

- OFF
- FATAL
- ERROR
- WARN
- INFO
- DEBUG
- ALL

Add-On Loader



Fat Client



ScaleCommService



Notification Listener



10.2. Add-On

The configuration file of the add-on loader will be used. The configuration file for the add-on loader application is located in the folder of the Add-On Loader, for examlpe: *C:\Program Files(x86)\SAP\SAP Business One\AddOns\PMX\Produmex AddOnLoader 7*

The file name is *Produmex.Foundation.Sbo.AddOnLoader.exe.config*



TransactionIsolation

Defines the isolation level. For more information please see: [IsolationLevelEnumeration](#)

Default value: ReadCommitted

TransactionTimeout

Sets the wait time before terminating the attempt to commit the transaction. The value is in

hour:minute:second format.

Default value: 00:10:00

CommandTimeout

Sets the wait time before terminating the attempt to execute an SQL command and generating an error. The value is in seconds.

Default value: 30

NumberOfRetriesDeadlock

Specifies the amount of times the application will try to book the same transaction again, when it fails due to specific error types like deadlock, timeout, uncommittable transaction or -2038 SBO error code.

Default value: 3

LogDocumentAsXML

If set to true, data sent to the SAP DI API to generate documents will be exported to the log file in xml format.

Default value: false

In order to export documents to the log file, the 'INFO' level logging is required. Change all 'WARN' levels to 'INFO' in the configuration file.

10.3. Fat Client

The configuration file for the fat client application is located in the installation folder of the fat client, for example: *C:\Program Files (x86)\Produmex\Produmex Fat Client*

The file name is *Produmex.Sbo.Logex.Execute.FatClient.exe.config*



TransactionIsolation

Defines the isolation level. For more information please see: [IsolationLevelEnumeration](#)

Default value: ReadCommitted

TransactionTimeout

Sets the wait time before terminating the attempt to commit the transaction. The value is in *hour:minute:second* format.

Default value: 00:10:00

CommandTimeout

Sets the wait time before terminating the attempt to execute an SQL command and generating an error. The value is in seconds.

Default value: 30

NumberOfRetriesDeadlock

Specifies the amount of times the application will try to book the same transaction again, when it fails due to specific error types like deadlock, timeout, uncommittable transaction or -2038 SBO error code.

Default value: 3

LogDocumentAsXML

If set to true, data sent to the SAP DI API to generate documents will be exported to the log file in xml format.

Default value: false

In order to export documents to the log file, the 'INFO' level logging is required. Change all 'WARN' levels to 'INFO' in the configuration file.

Produmex.ScriptAssembliesPath

Specifies the path to the script assemblies.

Default path: C:\Produmex\ScriptAssemblies\

Produmex.TempSAPReportPath

Specifies the path to the folder where reports that are retrieved from SAP Business One directly, are stored temporary during the printing.

Default path: C:\Produmex\Reports\TempSAPReports\

Produmex.Error.BackColor

Determines the background color of the [error messages](#). For the supported values please see: [Color.FromName Method \(String\)](#)

Default value: DarkOrange

Produmex.Message.BackColor

Determines the background color of the [information messages](#). For the supported values please see: [Color.FromName Method \(String\)](#)

Default value: WhiteSmoke

Produmex.Screen.Menu.BackColor

Determines the menu background color. For the supported values please see: [Color.FromName Method \(String\)](#)

Default value: LightSteelBlue

Produmex.DI_API.Language

Defines the DI API language.

Supported values: language codes (You can find the language codes in the OLNG table).

Default value: EN

Produmex.Barcode.UseAltModeForBarcode

Defines whether Produmex reads scanned barcode digits as they were keyed in ALT mode or not. Set this option to true if the ALT mode is enabled on the scanning device.

Default value: false

Produmex.Barcode.ParseCode128AsGS1

If set to 'True', every Code 128 barcode will be parsed as a GS1-128 barcode.

Default value: false

Produmex.Grid.NavigationByPage

Defines the grid navigation type.

If set to True, the list/grid will navigate by page.

If set to False, the list/grid will navigate by element.

Produmex.Screen.IEnterItemQuantityCombinedScreen.MaxNumberOfButtons

Specifies the maximum number of the component buttons on the '[Enter the quantity disassembled](#)'

screen in the Disassembly-weight flow. If there are more components than the value set, component buttons will be displayed on multiple screens. Left and right buttons will be added for navigation.

Supported values: $n*n$, $n*(n+1)$, $n*(n+2)$ where n =positive integer
Default value: 49 (7*7)

10.4. ScaleComm Service

The configuration file for the ScaleComm service is located in the installation folder of the ScaleComm service, for example: *C:\Program Files (x86)\Produemex\ProduemexScaleComm*
The file name is *Produemex.Sbo.Logex.ScaleComm.Service.exe.config*



TransactionIsolation

Defines the isolation level. For more information please see: [IsolationLevelEnumeration](#)
Default value: ReadCommitted

TransactionTimeout

Sets the wait time before terminating the attempt to commit the transaction. The value is in *hour:minute:second* format.
Default value: 00:10:00

Mode

Specifies the communication mode of the ScaleComm Service. Possible values:

- SBO: Obsolete communication mode. Scales will be identified based on the InstanceID.
- WSBO: New communication mode. Scales will be identified based on the ScalesCodes. In order to use Produemex Weigh, the mode must be WSBO.

Default value = WSBO

Instance ID

The instance ID of the scale defined in the [Scale definition \(PMX_SCLD\)](#) table. Please note: The Instance ID will only be taken into account if the Mode is 'SBO'.
Default value = Instance 1

ScalesCodes

The scale code defined in the Produemex Organizational Structure. To add multiple scales, separate the scale codes by comma.

Skip Polling

Specifies whether to automatically fill the [Scale weight result UDT](#) with the measured weight.

- If set to 'False' the [Scale weight result UDT](#) will be automatically filled with the weight.
- If set to 'True' the [Scale weight result UDT](#) will not be filled automatically.

Default value = False

Please note: When using the SBO mode, the [Scale weight result UDT](#) will not be filled regardless of this setting.

The values saved in the [Scale weight result UDT](#) are not used in the standard Produmex WMS processes. However these values can be used to easily integrate the Produmex WMS scale integration to other systems. (You can find an integration example with PDC [here](#).)

Polling Interval

Defines the polling frequency. The value is in milliseconds.

Default value = 1500

10.5. Notification Listener Tool

The configuration file for the Notification Listener tool is located in the installation folder of the Notification Listener, for example: *C:\Program Files (x86)\Produmex\Produmex SB1 Notification Listener (SboConnectionString)*

The file name is *Produmex.Foundation.SboNotification.ServiceHost.exe.config*



TransactionIsolation

Defines the isolation level. For more information please see: [IsolationLevelEnumeration](#)

Default value: ReadCommitted

TransactionTimeout

Sets the wait time before terminating the attempt to commit the transaction. The value is in *hour:minute:second* format.

Default value: 00:10:00

FrequencyMilliseconds

Defines the run frequency of the Notification Listener tool. The value is in milliseconds.

Default value: 5000

10.6. How to configure logging into database in the config file

This document describes how to set additional logging into a database/schema by modifying the configuration file.

It is possible to insert the logs into an UDT in the given database or into a manually created table in a separate database.

10.6.1. Logging into an UDT

10.6.1.1. Create UDT

First create the user defined table in SAP Business One.

In this example we added a *PMX_LOG* user table.

Then add the following fields to the user table:

field name	field type	field structure	length
Date	Date/Time	Date	-
Thread	Alphanumeric	Text	-
Level	Alphanumeric	Regular	50
Logger	Alphanumeric	Text	-
Message	Alphanumeric	Text	-
Exception	Alphanumeric	Text	-
DomainName	Alphanumeric	Regular	50
UserName	Alphanumeric	Regular	50
SessionName	Alphanumeric	Regular	50

10.6.1.2. Modify config file

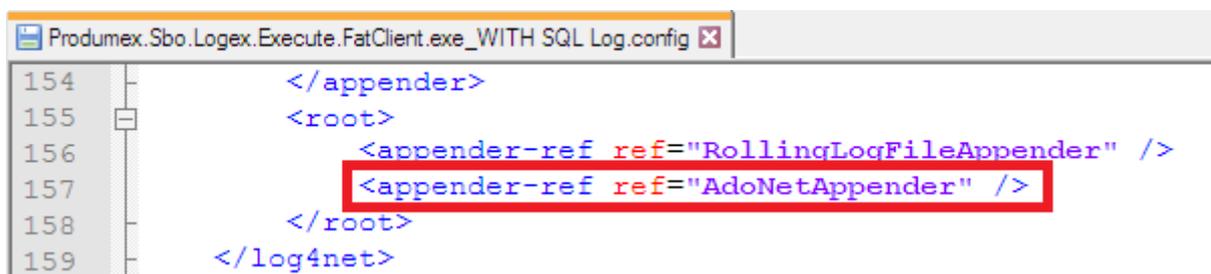
Download an example for the fat client config file from here:

- MSSQL: [Produmex.Sbo.Logex.Execute.FatClient.exe_WITH SQL Log_1.config](#)
- HANA: [Produmex.Sbo.Logex.Execute.FatClient.exe_WITH HANA Log_1.config](#)

10.6.1.2.1. Trigger Ado Net Appender

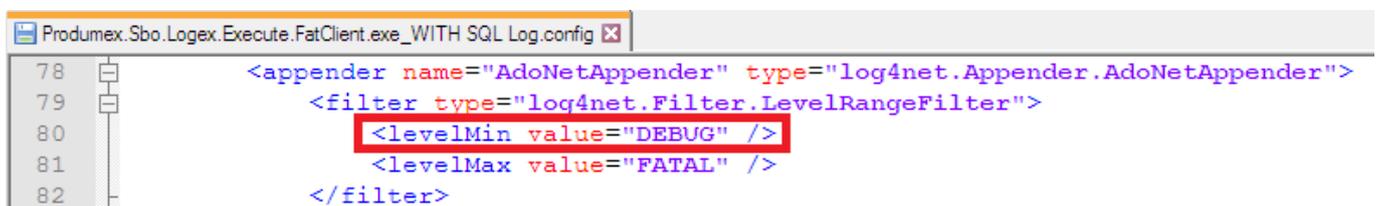
In order to trigger the Ado Net Appender, add the following to the root tag:

```
<appender-ref ref="AdoNetAppender" />
```



```
154         </appender>
155     </root>
156     <appender-ref ref="RollingLogFileAppender" />
157     <appender-ref ref="AdoNetAppender" />
158 </root>
159 </log4net>
```

If there is no logging level defined in the root tag, then the logging level is the minimum logging level set for the AdoNetAppender.



```
78 <appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
79     <filter type="log4net.Filter.LevelRangeFilter">
80         <levelMin value="DEBUG" />
81         <levelMax value="FATAL" />
82     </filter>
```

If there is a logging level defined in the root tag, then that logging level is used regardless of the minimum logging level set for the AdoNetAppender.



10.6.1.2.2. Edit appender tag

Then insert the following before the <root> tag:

MSSQL

```
<appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
  <filter type="log4net.Filter.LevelRangeFilter">
    <levelMin value="DEBUG" />
    <levelMax value="FATAL" />
  </filter>
  <bufferSize value="100" />
  <connectionType value="System.Data.SqlClient.SqlConnection, System.Data,
Version=1.0.3300.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
  <connectionString value="data source=server;initial
catalog=database;integrated security=false; persist security info=True;User
ID=user;Password=password" />
  <commandText value="INSERT INTO &quot;@PMX_LOG&quot;
(&quot;Code&quot;, &quot;Name&quot;, &quot;U_Date&quot;, &quot;U_Thread&quot;, &
quot;U_Level&quot;, &quot;U_Logger&quot;, &quot;U_Message&quot;, &quot;U_Except
ion&quot;, &quot;U_DomainName&quot;, &quot;U_UserName&quot;, &quot;U_SessionNam
e&quot;,) SELECT NEWID(), NEWID(), @log_date, @thread, @log_level, @logger,
@message, @exception, @DomainName, @UserName, @SessionName" />
  <parameter>
    <parameterName value="@log_date" />
    <dbType value="DateTime" />
    <layout type="log4net.Layout.RawTimeStampLayout" />
  </parameter>
  <parameter>
    <parameterName value="@thread" />
    <dbType value="String" />
    <size value="4000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%thread" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@log_level" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%level" />
    </layout>
  </parameter>
  <parameter>
```

```
<parameterName value="@logger" />
<dbType value="String" />
<size value="4000" />
<layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="%logger" />
</layout>
</parameter>
<parameter>
    <parameterName value="@message" />
    <dbType value="String" />
    <size value="64000" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="%message" />
    </layout>
</parameter>
<parameter>
    <parameterName value="@exception" />
    <dbType value="String" />
    <size value="64000" />
    <layout type="log4net.Layout.ExceptionLayout" />
</parameter>
<parameter>
    <parameterName value="@DomainName" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="${USERDOMAIN}" />
    </layout>
</parameter>
<parameter>
    <parameterName value="@UserName" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="${USERNAME}" />
    </layout>
</parameter>
<parameter>
    <parameterName value="@SessionName" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="${SESSIONNAME}" />
    </layout>
</parameter>
</appender>
```

HANA

```
<appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
```

```
<bufferSize value="100" />
<connectionType value="System.Data.Odbc.OdbcConnection, System.Data,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
<connectionString value="Driver=driver;SERVERNODE=server address:port
number;CURRENTSCHEMA=schema;UID=user;PWD=password;" />
<commandText value="INSERT INTO &quot;@PMX_LOG&quot;; SELECT SYSUID,
SYSUID, ?, ?, ?, ?, ?, ?, ?, ? FROM DUMMY" />
  <parameter>
    <parameterName value="@log_date" />
    <dbType value="DateTime" />
    <layout type="log4net.Layout.RawTimeStampLayout" />
  </parameter>
  <parameter>
    <parameterName value="@thread" />
    <dbType value="String" />
    <size value="4000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%thread" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@log_level" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%level" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@logger" />
    <dbType value="String" />
    <size value="4000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%logger" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@message" />
    <dbType value="String" />
    <size value="64000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%message" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@exception" />
    <dbType value="String" />
    <size value="64000" />
    <layout type="log4net.Layout.ExceptionLayout" />
  </parameter>
  <parameter>
```

```

    <parameterName value="@DomainName" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="{USERDOMAIN}" />
    </layout>
</parameter>
<parameter>
    <parameterName value="@UserName" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="{USERNAME}" />
    </layout>
</parameter>
<parameter>
    <parameterName value="@SessionName" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
        <conversionPattern value="{SESSIONNAME}" />
    </layout>
</parameter>
</appender>

```

10.6.1.2.3. Adjust the log4net connection string

Adjust the dummy connection string in the log4net part to point to your database/schema.

SQL

```

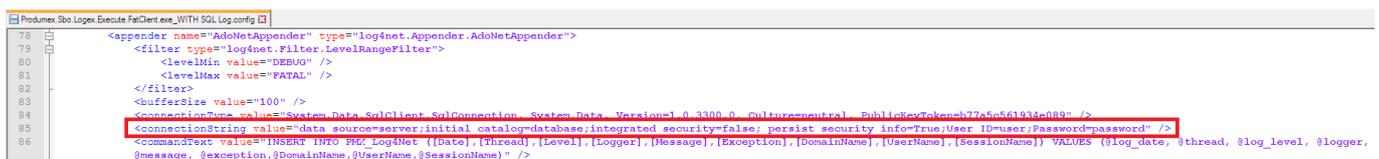
<connectionString value="data source=server;initial
catalog=database;integrated security=false; persist security info=True;User
ID=user;Password=password" />

```

The DATA SOURCE is the server name.

The INITIAL CATALOG is the database where the logging table has been created.

The USER ID is the database user and the PASSWORD is the password of the user.



```

78 <appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
79 <filter type="log4net.Filter.LevelRangeFilter">
80 <levelMin value="DEBUG" />
81 <levelMax value="FATAL" />
82 </filter>
83 <bufferSize value="100" />
84 <connectionString value="System.Data.SqlClient.SqlConnection, System.Data, Version=1.0.3300.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
85 <connectionString value="data source=server;initial catalog=database;integrated security=false; persist security info=True;User ID=user;Password=password" />
86 <commandText value="INSERT INTO PHE_LogNet ([Date],[Thread],[Level],[Logger],[Message],[Exception],[DomainName],[UserName],[SessionName]) VALUES (@log_date, @thread, @log_level, @logger, @message, @exception, @DomainName, @UserName, @SessionName)" />

```

HANA

```

<connectionString value="Driver=driver;SERVERNODE=server address:port
number;CURRENTSCHEMA=schema;UID=user;PWD=password;" />

```

The DRIVER is {HDBODBC32} on 32 bit environments and {HDBODBC} on 64 bit environments.
 The SERVERNODE is the server address and the port number, for example 10.45.74.42:30015.
 The CURRENTSCHEMA is the schema where the logging table has been created.
 The UID is the database user ID and the PWD is the password of the user.

```

32 <appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
33 <bufferSize value="100" />
34 <connectionType value="System.Data.Odbc.OdbcConnection, System.Data, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
35 <connectionString value="Driver={HDBODBC};SERVERNODE=10.45.74.42:30015;CURRENTSCHEMA=TEST_DBLOG;UID=SYSTEM;PWD=B1HAdmin;" />
36 <commandText value="INSERT INTO &quot;PMX_Log4Net&quot; VALUES (?, ?, ?, ?, ?, ?, ?, ?)" />
  
```

10.6.2. Logging into a separate database

10.6.2.1. Create the log table

First create a new database/schema for the log table. Then run the following query on the database/schema:

MSSQL

```

CREATE TABLE [dbo].[PMX_log] (
  [Id] [int] IDENTITY (1, 1) NOT NULL,
  [Date] [datetime] NOT NULL,
  [Thread] [varchar] (4000) NOT NULL,
  [Level] [varchar] (50) NOT NULL,
  [Logger] [varchar] (4000) NOT NULL,
  [Message] [varchar] (64000) NOT NULL,
  [Exception] [varchar] (64000) NULL,
  [DomainName] [varchar] (50) NULL,
  [UserName] [varchar] (50) NULL,
  [SessionName] [varchar] (50) NULL)
  
```

Where the *PMX_log* is the name of the table where the log entries will be inserted.

HANA

```

CREATE TABLE "schema"."PMX_log " (
  "Date" datetime NOT NULL,
  "Thread" varchar (4000) NOT NULL,
  "Level" varchar (50) NOT NULL,
  "Logger" varchar (4000) NOT NULL,
  "Message" varchar (64000) NOT NULL,
  "Exception" varchar (64000) NULL,
  "DomainName" varchar (50) NULL,
  "UserName" varchar (50) NULL,
  "SessionName" varchar (50) NULL
)
  
```

Where the *schema* is the new schema and the *PMX_log* is the name of the table where the log entries will be inserted.

10.6.2.2. Modify config file

Download an example for the fat client config file from here:

- MSSQL: [Produmex.Sbo.Logex.Execute.FatClient.exe_WITH SQL Log_2.config](#)
- HANA: [Produmex.Sbo.Logex.Execute.FatClient.exe_WITH HANA Log_2.config](#)

10.6.2.2.1. Edit appender tag

Insert the following before the <root> tag:

```
<appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
  <filter type="log4net.Filter.LevelRangeFilter">
    <levelMin value="DEBUG" />
    <levelMax value="FATAL" />
  </filter>
  <bufferSize value="100" />
  <connectionType value="System.Data.SqlClient.SqlConnection, System.Data,
Version=1.0.3300.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
  <connectionString value="data source=server;initial
catalog=extra_database;integrated security=false; persist security
info=True;User ID=user;Password=password" />
  <commandText value="INSERT INTO &quot;PMX_Log&quot;
(&quot;Date&quot;, &quot;Thread&quot;, &quot;Level&quot;, &quot;Logger&quot;, &quot;
Message&quot;, &quot;Exception&quot;, &quot;DomainName&quot;, &quot;UserNam
e&quot;, &quot;SessionName&quot;) VALUES (@log_date, @thread, @log_level,
@logger, @message, @exception, @DomainName, @UserName, @SessionName)" />
  <parameter>
    <parameterName value="@log_date" />
    <dbType value="DateTime" />
    <layout type="log4net.Layout.RawTimeStampLayout" />
  </parameter>
  <parameter>
    <parameterName value="@thread" />
    <dbType value="String" />
    <size value="4000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%thread" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@log_level" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%level" />
    </layout>
  </parameter>
</appender>
```

```
<parameter>
  <parameterName value="@logger" />
  <dbType value="String" />
  <size value="4000" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="%logger" />
  </layout>
</parameter>
<parameter>
  <parameterName value="@message" />
  <dbType value="String" />
  <size value="64000" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="%message" />
  </layout>
</parameter>
<parameter>
  <parameterName value="@exception" />
  <dbType value="String" />
  <size value="64000" />
  <layout type="log4net.Layout.ExceptionLayout" />
</parameter>
<parameter>
  <parameterName value="@DomainName" />
  <dbType value="String" />
  <size value="50" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="${USERDOMAIN}" />
  </layout>
</parameter>
<parameter>
  <parameterName value="@UserName" />
  <dbType value="String" />
  <size value="50" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="${USERNAME}" />
  </layout>
</parameter>
<parameter>
  <parameterName value="@SessionName" />
  <dbType value="String" />
  <size value="50" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="${SESSIONNAME}" />
  </layout>
</parameter>
</appender>
```

HANA

```
<appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
```

```
<bufferSize value="100" />
<connectionType value="System.Data.Odbc.OdbcConnection, System.Data,
Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
<connectionString value="Driver=driver;SERVERNODE=server address:port
number;CURRENTSCHEMA=extra_schema;UID=user;PWD=password;" />
<commandText value="INSERT INTO &quot;PMX_Log&quot; VALUES (?, ?, ?, ?, ?,
?, ?, ?, ?)" />
  <parameter>
    <parameterName value="@log_date" />
    <dbType value="DateTime" />
    <layout type="log4net.Layout.RawTimeStampLayout" />
  </parameter>
  <parameter>
    <parameterName value="@thread" />
    <dbType value="String" />
    <size value="4000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%thread" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@log_level" />
    <dbType value="String" />
    <size value="50" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%level" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@logger" />
    <dbType value="String" />
    <size value="4000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%logger" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@message" />
    <dbType value="String" />
    <size value="64000" />
    <layout type="log4net.Layout.PatternLayout">
      <conversionPattern value="%message" />
    </layout>
  </parameter>
  <parameter>
    <parameterName value="@exception" />
    <dbType value="String" />
    <size value="64000" />
    <layout type="log4net.Layout.ExceptionLayout" />
  </parameter>
```

```
<parameter>
  <parameterName value="@DomainName" />
  <dbType value="String" />
  <size value="50" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="${USERDOMAIN}" />
  </layout>
</parameter>
<parameter>
  <parameterName value="@UserName" />
  <dbType value="String" />
  <size value="50" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="${USERNAME}" />
  </layout>
</parameter>
<parameter>
  <parameterName value="@SessionName" />
  <dbType value="String" />
  <size value="50" />
  <layout type="log4net.Layout.PatternLayout">
    <conversionPattern value="${SESSIONNAME}" />
  </layout>
</parameter>
</appender>
```

10.6.2.2.2. Trigger Ado Net Appender

Please see: *10.6.1.2.1. Trigger Ado Net Appender*

10.6.2.2.3. Adjust the log4net connection string

Adjust the dummy connection string in the log4net part to point to the extra database/schema where the created log table is located.

SQL

```
<connectionString value="data source=server;initial
catalog=extra_database;integrated security=false; persist security
info=True;User ID=user;Password=password" />
```

The DATA SOURCE is the server name.

The INITIAL CATALOG is the new database where the log table is located.

The USER ID is the database user and the PASSWORD is the password of the user.

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```
Produmex.Sbo.Logex.Execute.FatClient.exe_WITH SQL Log_2.config
78 <appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
79 <filter type="log4net.Filter.LevelRangeFilter">
80 <levelMin value="DEBUG" />
81 <levelMax value="FATAL" />
82 </filter>
83 <bufferSize value="100" />
84 <connectionType value="System.Data.SqlClient.SqlConnection, System.Data, Version=1.0.3300.0, Culture=neutral,
PublicKeyToken=b77a5c561934e089" />
85 <connectionString value="data source=server;initial catalog=extra_database;integrated security=false; persist security
info=True;User ID=user;Password=password" />
86 <commandText value="INSERT INTO PMX_Log
([Date],[Thread],[Level],[Logger],[Message],[Exception],[DomainName],[UserName],[SessionName]) VALUES (@log_date,
@thread,@log_level,@logger,@message,@exception,@DomainName,@UserName,@SessionName)" />
```

HANA

```
<connectionString value="Driver=driver;SERVERNODE=server address:port
number;CURRENTSCHEMA=extra_schema;UID=user;PWD=password;" />
```

The DRIVER is {HDBODBC32} on 32 bit environments and {HDBODBC} on 64 bit environments.
The SERVERNODE is the server address and the port number, for example 10.45.74.42:30015.
The CURRENTSCHEMA is the new schema where the log table is located.
The UID is the database user ID and the PWD is the password of the user.

```
Produmex.Sbo.Logex.Execute.FatClient.exe_WITH HANA Log_2.config
77 <appender name="AdoNetAppender" type="log4net.Appender.AdoNetAppender">
78 <bufferSize value="100" />
79 <connectionType value="System.Data.Odbc.OdbcConnection, System.Data, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />
80 <connectionString value="Driver=driver;SERVERNODE=server address:port number;CURRENTSCHEMA=extra_schema;UID=user;PWD=password;" />
81 <commandText value="INSERT INTO &quot;PMX_Log&quot; VALUES (?, ?, ?, ?, ?, ?, ?, ?)" />
```

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