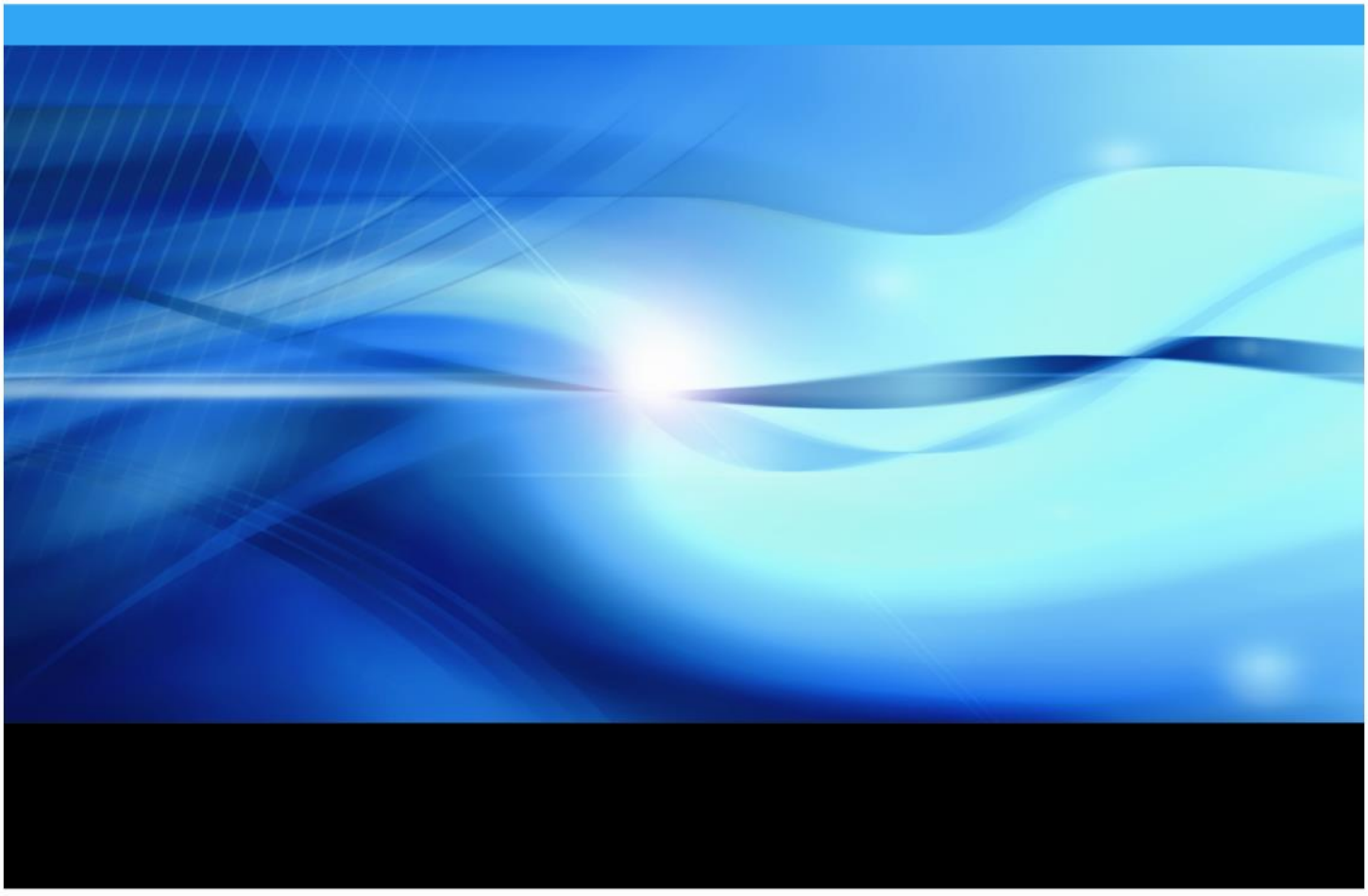
Licensing SAS® DataFlux® Products



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Licensing SAS® DataFlux® Products

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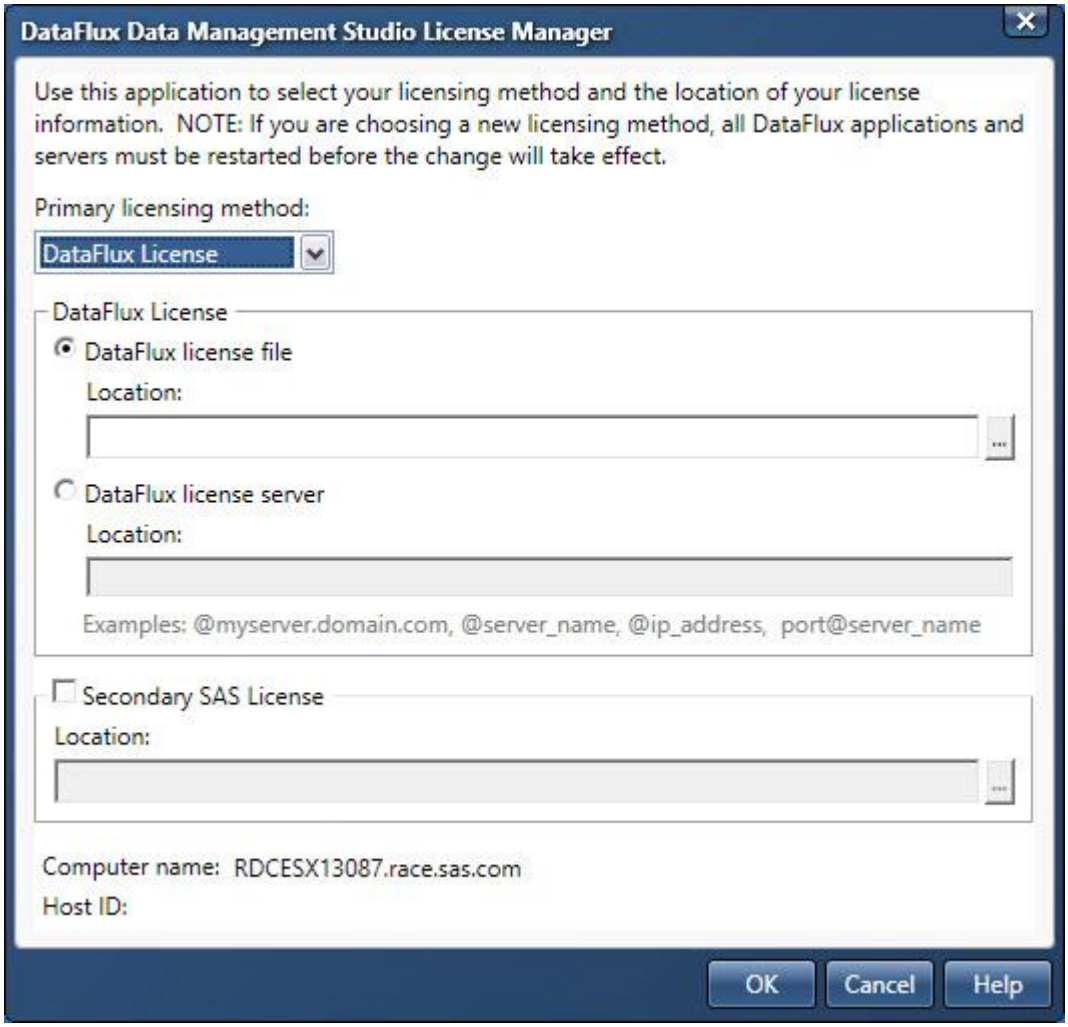
Chapter 1 — Overview

This document contains information about obtaining the SAS licensing file, called the setinit, and applying it to DataFlux products. Each of the following chapters is dedicated to a single DataFlux product. You should refer to the chapter that refers to the DataFlux products that you have.

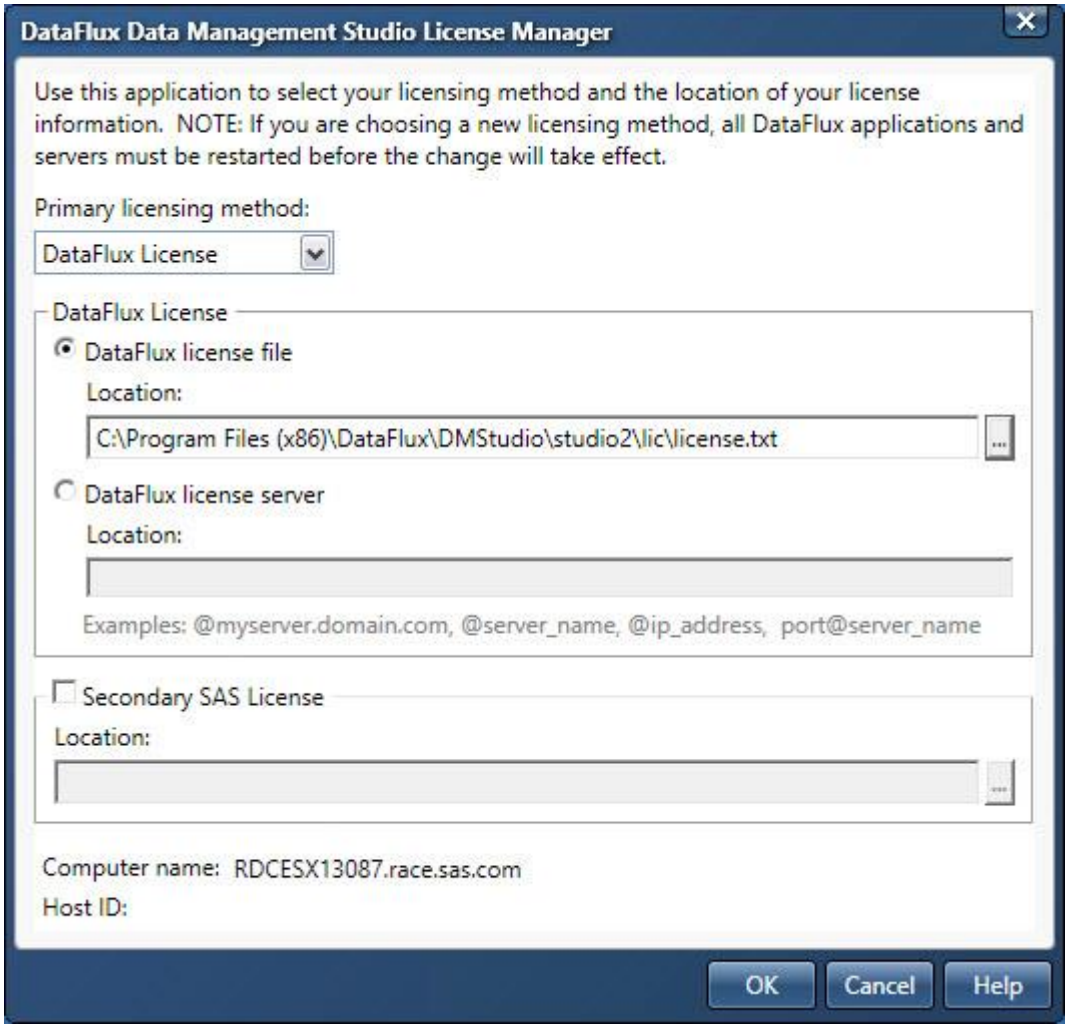
Chapter 2 — DataFlux Data Management Studio

Use the following steps to obtain and apply a setinit for DataFlux Data Management Studio.

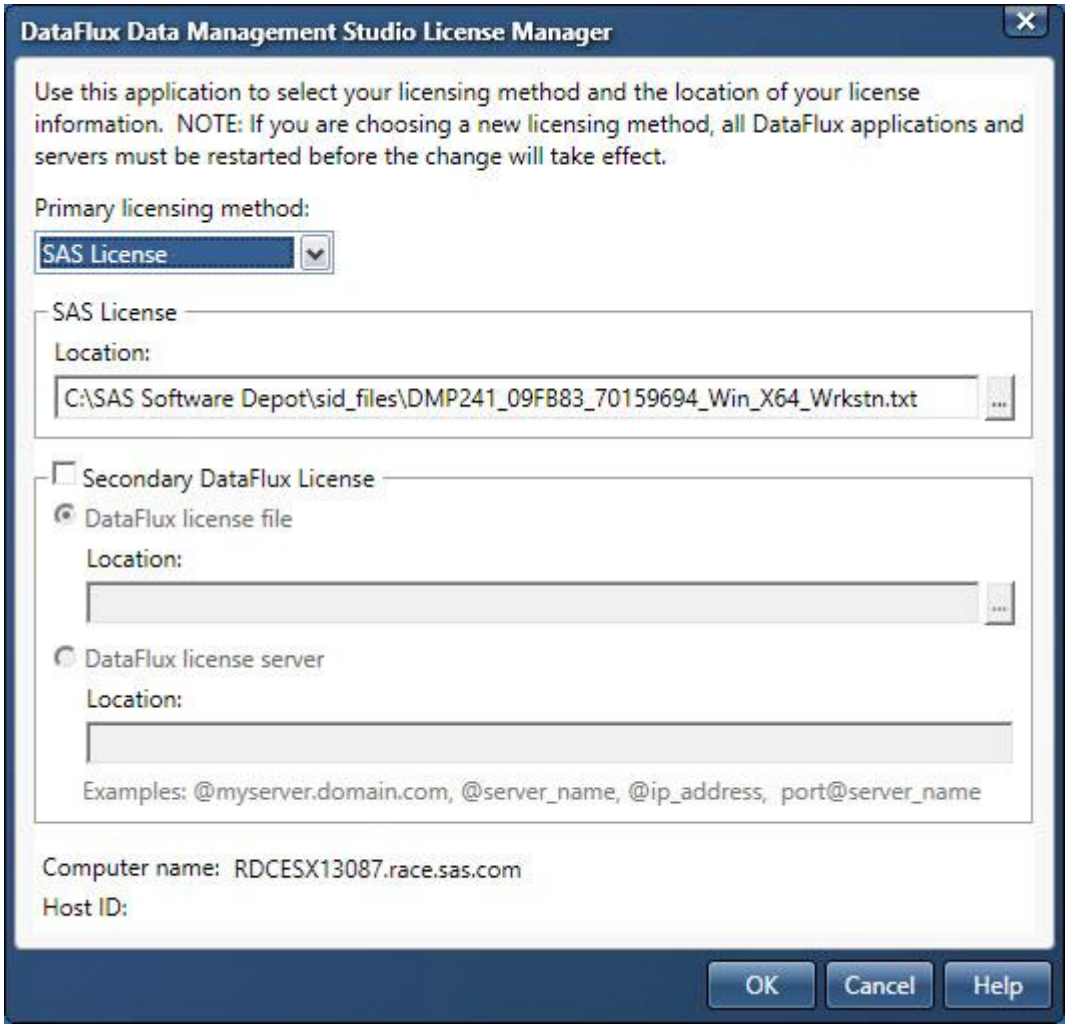
1. Obtain a SAS setinit from http://support.sas.com/adminservices/contact.html. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that DataFlux Data Management Studio has access to.
3. On the computer where DataFlux Data Management Studio is installed, select **Start** → **Programs** → **DataFlux** → **License Manager**. The **DataFlux Data Management Studio License Manager** dialog box is displayed.



4. In the **DataFlux Data Management Studio License Manager** dialog box, select **SAS License** as the primary licensing method.



5. In the SAS License file section of the dialog box, specify the location of the SAS setinit.
   Note: *SAS license names can be different from version to version.*



6. Click **OK**.

Chapter 3 — DataFlux Data Management Server

Use the following steps to obtain and apply a setinit for DataFlux Data Management Server.

1. Obtain a SAS setinit from http://support.sas.com/adminservices/contact.html. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux Data Management Server has access to.
3. On the computer where DataFlux Data Management Server is installed, modify the `app.cfg` file located in the `etc` directory of the installation. The `app.cfg` file has two settings must be modified.
   a. Ensure the setting for the license is set to SAS. For example,

      ```
      base/primary_license = SAS
      ```

   b. Ensure the location of the license is set.

      UNIX example

      ```
      base/primary_license_loc =
      /opt/dataflux/file_name.file_extension
      ```

      Windows example

      ```
      base/primary_license_loc = C:\Program
      Files\DataFlux\DMServer\2.x\etc\license\file_name.file_extension
      ```

4. Restart the DataFlux Data Management Server.

Chapter 4 — DataFlux Federation Server

Use the following steps to obtain and apply a setinit for DataFlux Federation Server.

Note: *These steps apply only to the DataFlux Federation Server (Release 3.1 and earlier) and not to the SAS Federation Server.*

1. Obtain a SAS setinit from http://support.sas.com/adminservices/contact.html. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux Federation Server has access to.
3. On the computer where the DataFlux Federation Server is installed, modify the `dfs_serv.xml` file in order to update the provider and the location. See the examples below.

   UNIX syntax

   ```
   <OptionSet name="License">
      <OptionSet name="Primary">
      <Option name="Provider">SAS</Option>
      <Option name="Location">
      /opt/dataflux/file_name.file_extension</Option>
   </OptionSet>
   ```

   Windows Syntax

   ```
   <OptionSet name="License">
      <OptionSet name="Primary">
      <Option name="Provider">SAS</Option>
      <Option name="Location"> C:\Program
      Files\DataFlux\FederationServer\2.x\etc\license\file_name.file
      _extension</Option>
   </OptionSet>
   ```

4. Restart the DataFlux Federation Server.

Chapter 5 — DataFlux Authentication Server

Use the following steps to obtain and apply a setinit for DataFlux Authentication Server.

1. Obtain a SAS setinit from http://support.sas.com/adminservices/contact.html. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux Authentication Server has access to.
3. On the computer where the DataFlux Authentication Server is installed, you might have to modify the `as_serv_aspsql.xml` file in order to update the provider and the location. The provider should be SAS. See the examples below.

UNIX syntax

```
<OptionSet name="Primary">
   <Option name="Provider">SAS</Option>
   <Option
   name="Location">/opt/dataflux/AuthenticationServer/2.x/etc/license
   </Option>
</OptionSet>
```

Windows Syntax

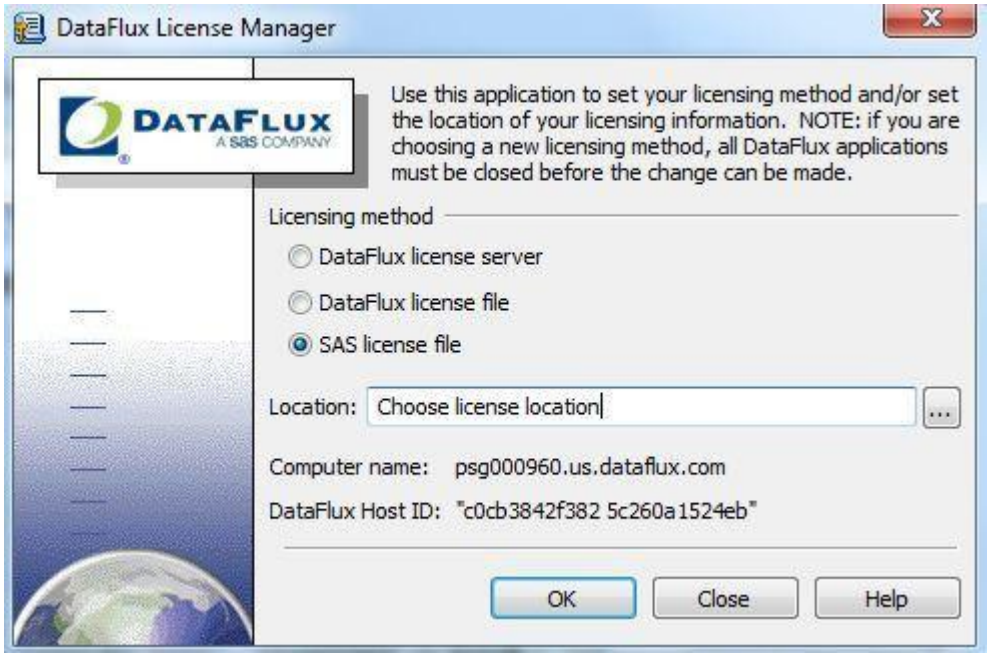
```
<OptionSet name="Primary">
   <Option name="Provider">SAS</Option>
   <Option name="Location">C:\Program
   Files\DataFlux\AuthenticationServer\2.x\etc\license</Option>
</OptionSet>
```

Chapter 6 — DataFlux dfPower Studio

Use the following steps to obtain and apply a setinit for DataFlux dfPower Studio.

1. Obtain a SAS setinit from http://support.sas.com/adminservices/contact.html. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux dfPower Studio has access to.
3. Click **Start** → **Programs** → **DataFlux dfPower Studio 8.*x*** → **License Manager**. In the **DataFlux License Manager** dialog box, select the **Licensing method** and specify the **Location** of the SAS setinit.

   Note: *SAS license names can be different from version to version.*



Chapter 7 — DataFlux Integration Server

Use the following steps to obtain and apply a setinit for DataFlux Integration Server.

UNIX Instructions

1. Obtain a SAS setinit from `http://support.sas.com/adminservices/contact.html`. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux Integration Server has access to.
3. Specify the SAS license mode. From the `bin` directory of the DataFlux Integration Server installation, run `dflm` in order to determine the mode of the license. In order to change the mode to SAS, run `dflm -m`. See the example below.

```
-bash-3.00$ ./dflm

DataFlux License Manager

Current licensing mode: DataFlux (FLEXnet)
Current licensing version: 1.1

Generating machine code...

lmhostid - Copyright (c) 1989-2008 Acresso Software Inc. All Rights Reserved.
The FLEXnet host ID of this machine is ""00145e16b45e 00145e16b460""
Only use ONE from the list of hostids.

Run './dflm -m' if you need to change the licensing mode.

-bash-3.00$ ./dflm -m

DataFlux License Manager

Current licensing mode: DataFlux (FLEXnet)
Current licensing version: 1.1

Available licensing modes:

    1: DataFlux (FLEXnet)
    2: DataFlux (Legacy)
    3: SAS

Enter the mode number to activate or 'x' to exit:
```

4. In the `dfexec.cfg file`, confirm that the license location is set.

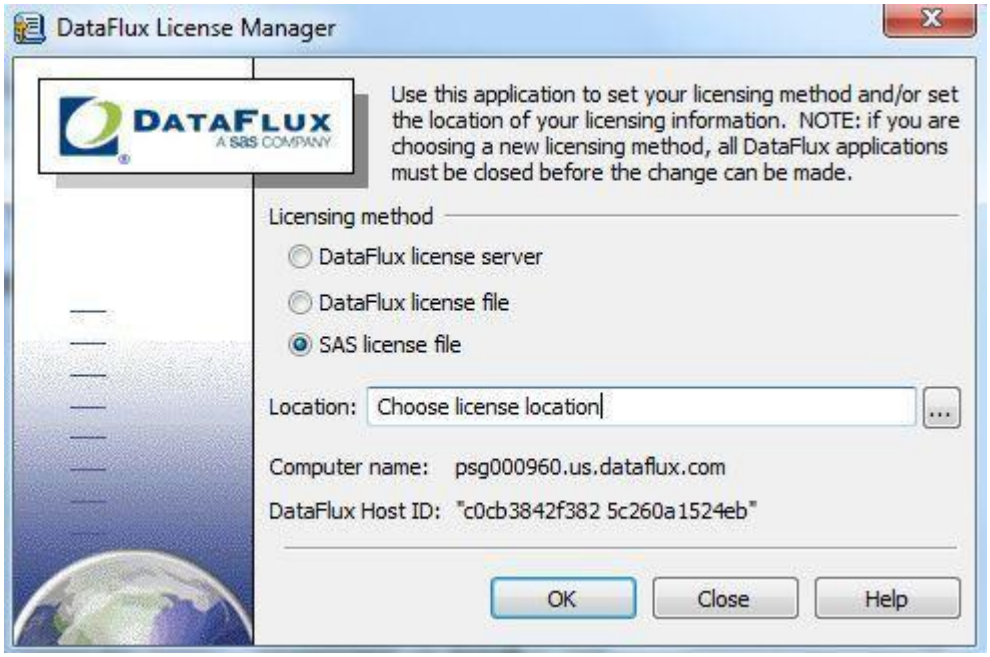
   `license location = /opt/dataflux/`*`file_name.file_extension`*

5. Restart the DataFlux Integration Server.

Windows Instructions

1. Obtain a SAS setinit from http://support.sas.com/adminservices/contact.html. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux Integration Server has access to.
3. Click **Start → Programs → DataFlux dfPower Studio 8.*x* → License Manager**. In the **DataFlux License Manager** dialog box, select the **Licensing method** and specify the **Location** of the SAS setinit.

   Note: *SAS license names can be different from version to version.*



4. Restart the DataFlux Integration Server

Chapter 8 — DataFlux dfIntelliServer

Use the following steps to obtain and apply a setinit for DataFlux dfIntelliServer.

UNIX Instructions

1. Obtain a SAS setinit from `http://support.sas.com/adminservices/contact.html`. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux dfIntelliServer has access to.
3. On the computer where DataFlux dfIntelliServer is installed, modify the `dfserv.cfg` file located in the `etc` directory of the installation. Specify the "license location" value to the location of the SAS setinit. For example:

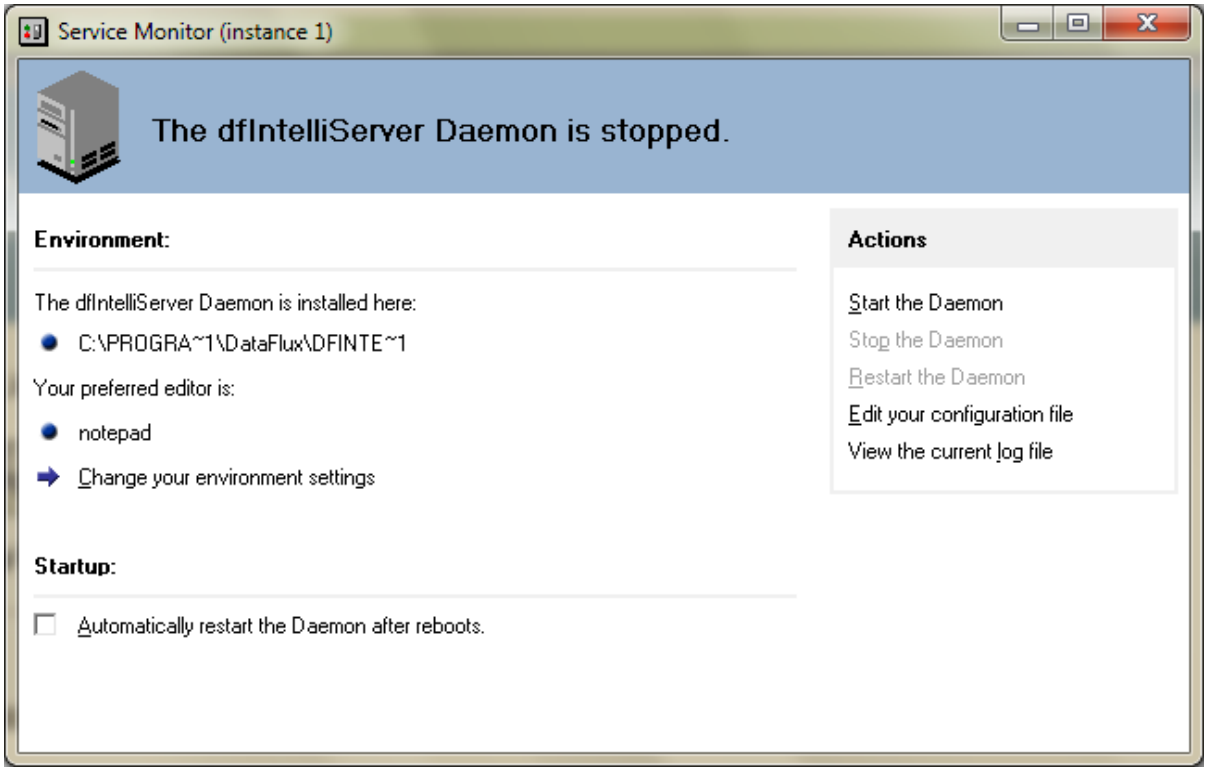
   `license_location = /opt/dataflux/`*`file_name.file_extension`*
4. In the `bin` directory of the installation, execute `./dflm -m` in order to run the License Manager. Select option 3 to change the license mode to SAS, as in the example that follows.

```
Prompt> ./dflm -m

DataFlux License Manager

Current licensing mode: DataFlux (FLEXnet)
Current licensing version: 1.1
Available licensing modes:

1: DataFlux (FLEXnet)
2: DataFlux (Legacy)
3: SAS

Enter the mode number to activate or 'x' to exit: 3
Changed licensing mode to SAS.
```

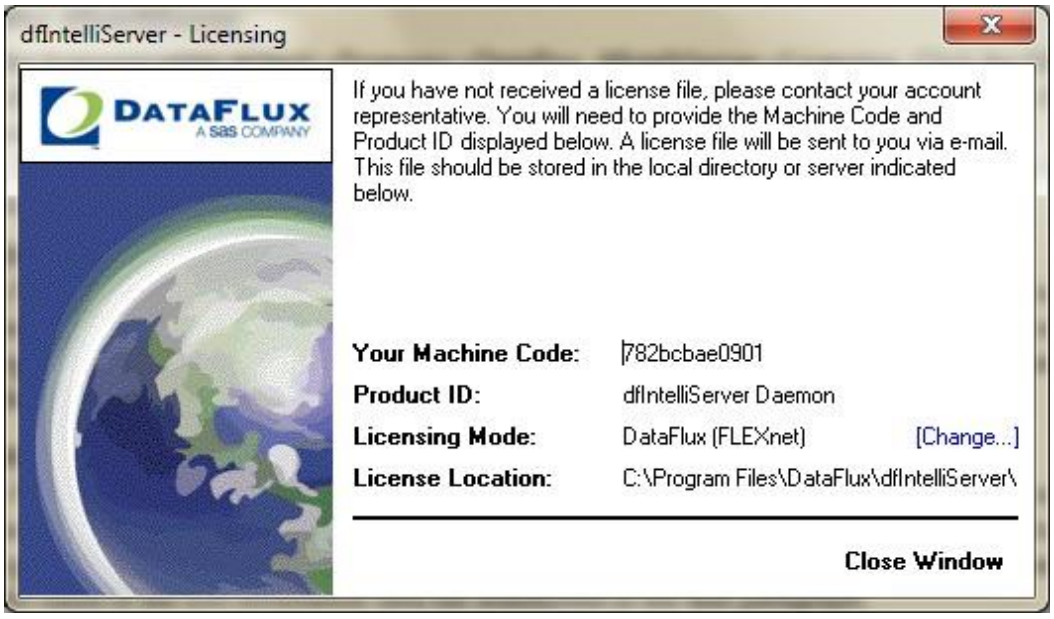
5. Restart the DataFlux dfIntelliServer.

Windows Instructions

1. Obtain a SAS setinit from `http://support.sas.com/adminservices/contact.html`. You will receive an e-mail with the SAS setinit.
2. Save the SAS setinit to a location that the DataFlux dfIntelliServer has access to.
3. On the computer where DataFlux dfIntelliServer is installed, select **Start** → **Programs** → **DataFlux dfIntelliServer** → **Service Monitor**. Select **Stop the Daemon** to stop DataFlux dfIntelliServer.

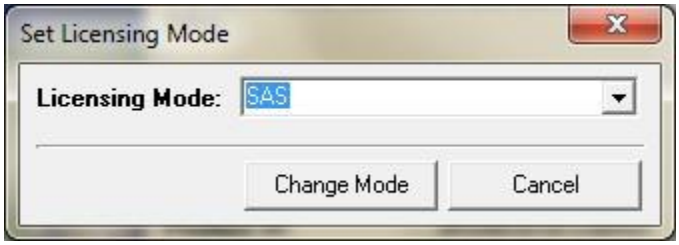


4. Select **Start** → **Programs** → **DataFlux dfIntelliServer** → **Licensing**. The **Licensing** dialog box opens.

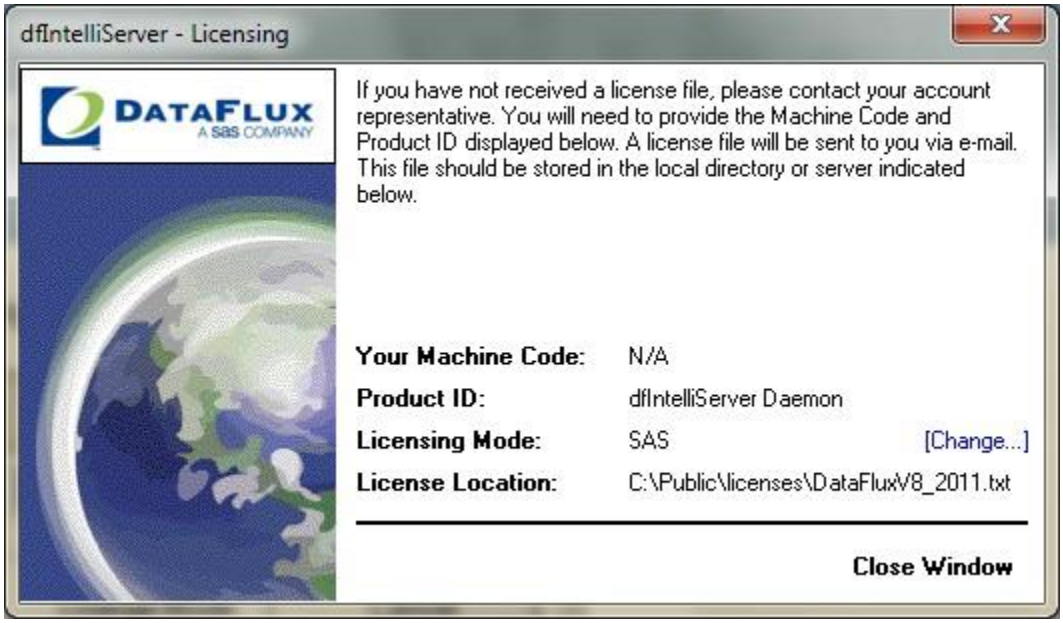


5. In the **Licensing** dialog box, click the **Change** link beside the **Licensing Mode** field.

6. In the **Set Licensing Mode** dialog box that opens, select **SAS** from the list and then click **Change Mode**.

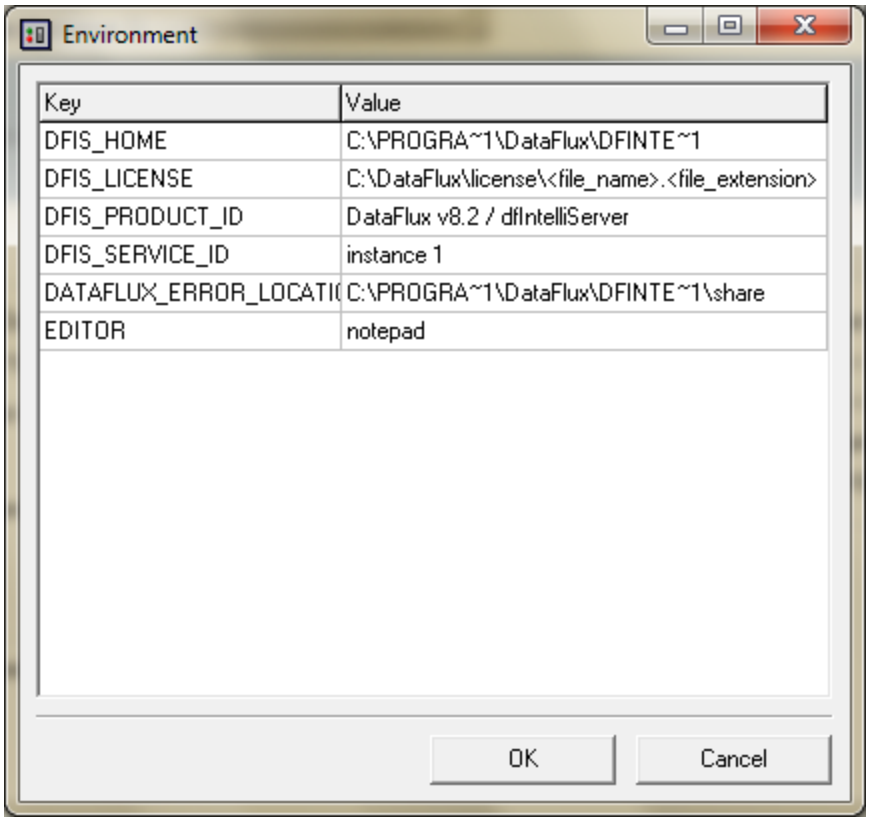


7. After the **Set Licensing Mode** dialog box closes, click **Close Window** in the **Licensing** dialog box.



8. In the **Service Monitor** dialog box, click the **Change your environment settings** link. Specify the location of the SAS setinit for DFIS_LICENSE.

   Note: *SAS license names can be different from version to version.*



9. Click **OK**.
10. Restart the DataFlux dfIntelliServer.

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