Micro Focus Modelling Support 7.0 for Eclipse

Release Notes

Contents

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These release notes contain information that might not appear in the Help. Read them in their entirety before you install the product.

> **Note:**
> - This document contains a number of links to external Web sites. Micro Focus cannot be responsible for the contents of the Web site or for the contents of any site to which it might link. Web sites by their nature can change very rapidly and although we try to keep our links up-to-date, we cannot guarantee that they will always work as expected.
> - Check the *Product Documentation* section of the *Micro Focus Customer Support Documentation Web site* for any updates to the documentation which might have been uploaded.

Product Overview

Application Workflow Manager (AWM) is an Eclipse framework that provides a modelling component which enables you to integrate application development tools with your application development workflow within an Eclipse perspective.

AWM includes a number of function packages that provide tool sets for specific application or functional area. For example, a function package is provided that enables you to work specifically with Eclipse resources. Another function package provides tools that enable you to work with RESTful Web applications. AWM enables you to integrate application development tools into the user interface, along with specifying the information flow between tools.

See the *Application Workflow Manager* chapter in the Enterprise Developer product help available from the Micro Focus *SupportLine Website*, *https://www.microfocus.com/documentation/enterprise-developer/*.

> **Note:** The MVS and ISPF function packages are included in this product. However, as a prerequisite they require a Micro Focus MFA Server installation. Alternatively, you can use a server on z/OS that implements the Micro Focus API, such as IBM's RSE daemon (RSED) which is shipped with an RDz installation.

Installation

Before Installing

Downloading the Product

1. Log into the Software Licenses and Downloads (SLD) site at *https://sld.microfocus.com/mysoftware/ download/downloadCenter*.
2. Select your account and click **Entitlements**.
3. Search for the product by using any of the available search parameters.
4. Click **Show all entitlements**.
5. Click **Get Software** in the Action column for the product you want to download or update.

   In the **File Type** column, you see entries for "Software" for any GA products, and "Patch" for any patch updates.
6. Click **Download** on the relevant row.

System Requirements

Hardware Requirements

Modelling Support has the following requirements in addition to the requirements of Eclipse. See the Eclipse documentation for details of its requirements.

In general, most modern machines will have the required processor and available RAM to run the Micro Focus products under Windows effectively. For planning purposes, you should consider having a minimum of 2GB of RAM though Micro Focus recommends at least 4GB of RAM for optimal performance.

The disk space requirements for Windows are, approximately 200 MB.

Note: This includes the space needed to cache information locally so that you can modify the installation without the original source media.

Operating Systems Supported

For a list of supported operating systems, see *Supported Operating Systems and Third-party Software* in your product documentation.

Note:

- Modelling Support for Eclipse installs fully on both 32 and 64-bit Windows platforms.
- This product can be installed on earlier versions of Windows but it has not been tested on them.

Software Requirements

The setup file will check your machine for whether the prerequisite software is installed and will install any missing prerequisites and the product components.

Eclipse requirements

- The setup file installs Modelling Support into Eclipse.
- Modelling Support for Eclipse installs fully on both 64-bit and 32-bit Windows platforms.

- Modelling Support for Eclipse supports both the 32-bit and the 64-bit Eclipse.

Software requirements on Windows

Modelling Support for Eclipse requires:

- A 32-bit Java installation if using the 32-bit Eclipse.
- A 64-bit Java installation if using the 64-bit Eclipse.

See *Java Support Restrictions* in the product help for any considerations when using Eclipse and Java.

Other Requirements

🖉 **Note:** This release requires version 10000.2.990 or later of the Micro Focus License Administration tool. For local servers, you do not need to install it separately, as the setup file installs a new Modelling Support for Eclipse client and a new licensing server on the same machine.

If you have a network server, you must update the license server before installing the product as the client is not able to communicate with license servers of versions older than 10000.2.660. On Windows, you can check the version of your license server by clicking **Help** > **About** in the Micro Focus License Administration tool.

You can download the new version of the license server software from the Micro Focus SupportLine Web site: *http://supportline.microfocus.com*.

Installation Restrictions and Requirements

Before starting the installation you should consider the following:

- Visual COBOL and Enterprise Developer cannot coexist on the same machine.

- You need to be logged in with a user-ID that has write access to the registry structure under HKEY_LOCAL_MACHINE, HKEY_CLASSES_ROOT, and HKEY_CURRENT_USER so the installation software can set the environment appropriately. You also need to be logged on with Administrator privileges.
- Various actions and operations within your COBOL development environment depend on certain Microsoft files distributed in the following packages: the Windows SDK package and the Microsoft Build Tools package. By default, a standard product installation downloads and installs these. Refer to *Microsoft Package Dependencies* to see if these packages are required. If you do not plan to use your development tool in a way that will depend on any of these packages, you can run a non-standard installation, which will skip their download and installation, thus saving disk space and time taken for installation. Refer to *Advanced Installation Tasks* for details on the available installation options.
- If you already have Microsoft Build Tools for Visual Studio 2017 installed, you must ensure that it contains the Visual C++ build tools workload (or at least the individual components contained in that workload) before you run this installation.

Installing

To install Modelling Support for Eclipse as a plug-in to an Eclipse IDE:

1. Run the `modsupp_70.exe` file and follow the wizard instructions to complete the installation.

   🖉 **Note:** The supported version of Eclipse is 4.16 (2020-06). Visual COBOL and Enterprise Developer cannot coexist on the same machine.
2. Start Eclipse, and then click **Help** > **Install New Software**

   This opens the **Install** dialog box.
3. Click **Add**.

   This opens the **Add Repository** dialog box.

4. In the **Name** field, type `Modelling Support for Eclipse.`
5. Click **Archive**, and browse to `C:\Program Files (x86)\Micro Focus\Modelling Support for Eclipse\installer\files\ModelingSupportUpdateSite.zip.`
6. Click **Open**.
7. Click **OK**.

   - If you are installing into Eclipse:

     - At the **Available Software** stage, expand **Micro Focus**, and then check all options except **AWM IDz Integration**.

   - If you are installing into IBM Developer for z Systems (IDz):

     - At the **Available Software** stage, check **Micro Focus**.

8. Click **Next**.

   The installation process calculates requirements and dependencies.

   - If a component cannot be installed, a solution is presented at the **Install Remediation Page** stage, click **Next**.

9. At the **Install Details** stage, click **Next**.
10. Accept the license agreement, and then click **Finish**.
11. Click **Restart Now** when prompted to restart Eclipse to finish the installation.

   🖉 **Note:** AWM model files must always be specified and opened with a `.taurus` suffix.

Licensing Information

Note:

- This product requires a Micro Focus Enterprise Developer Connect license.
- If you have purchased licenses for a previous release of this product, those licenses will also enable you to use this release.
- If you are unsure of what your license entitlement is or if you wish to purchase additional licenses, contact your sales representative or *Micro Focus Customer Care*.

Installing licenses

You need either a license file (with a `.mflic` extension for Sentinel RMS licenses or an `.xml` extension for AutoPass licenses) or an authorisation code which consists of a string of 16 alphanumeric characters (Sentinel RMS licenses only).

If you have a license file

1. Start Micro Focus License Administration.
2. Click the **Install** tab.
3. Do one of the following:

    - Click **Browse** next to the **License file** field and select the license file (which has an extension of `.mflic`).
    - Drag and drop the license file from Windows Explorer to the **License file** field.
    - Open the license file in a text editor, such as Notepad, then copy and paste the contents of the file into the box below the **License file** field.
4. Click **Install Licenses**.

If you have an authorization code

Note: Authorization codes are only available with Sentinel RMS licensing.

Authorizing your product when you have an Internet connection

Note:

- This topic only applies if you have an authorization code. Authorization codes are only available with Sentinel RMS licensing.
- It is not possible to install licenses remotely. You must be logged into the machine on which you are installing the licenses.

The following procedure describes how to authorize your product using a local or network license server. The license server is set up automatically when you first install the product.

To use the GUI Micro Focus License Administration

1. Start Micro Focus License Administration.
2. Click the **Install** tab.
3. Type the authorization code in the **Enter authorization code** field.

4. Click **Authorize**.

If you change the name of the machine running your license server after it has granted licenses, the licenses stop working.

To use the command-line Micro Focus License Administration tool

1. Start the command-line Micro Focus License Administration tool.
2. Select the **Online Authorization** option by entering 1 and pressing **Enter**.
3. Enter your authorization code at the **Authorization Code** prompt and then press **Enter**.

Authorizing your product when you don't have an Internet connection

Note: This topic only applies if you have an authorization code. Authorization codes are only available with Sentinel RMS licensing.

This method of authorization is required if the machine you want to license does not have an Internet connection or if normal (automatic) authorization fails.

To use the GUI Micro Focus License Administration

1. Start Micro Focus License Administration.
2. On the **Install** tab, click **Manual Authorization**.
3. Make a note of the contents of the **Machine ID** field. You will need this later.
4. Do one of the following:

- If your machine has an Internet connection, click the Customer Care Web link in the Manual Authorization Information window.
- If your machine does not have an Internet connection, make a note of the Web address and type it into a Web browser on a machine that has an Internet connection.

The Micro Focus Customer Care Manual product authorization Web page is displayed.
5. Type the authorization code in the **Authorization Code** field. The authorization code is a 16-character alphanumeric string supplied when you purchased your product.
6. Type the Machine ID in the **Machine ID** field.
7. Type your email address in the **Email Address** field.
8. Click **Generate**.
9. Copy the generated license string (or copy it from the email) and paste it into the box under the **License file** field on the Install page.
10. Click **Install Licenses**.

To use the command-line Micro Focus License Administration tool

In order to authorize your product from the command-line Micro Focus License Administration tool you must have the following:

- Access to a computer which is connected to the Internet.
- Your authorization code (a 16-character alphanumeric string).
- The machine ID. To get this, start the Micro Focus License Administration tool and select the **Get Machine Id** option by entering 6. Make a note of the "Old machine ID".

If you have previously received the licenses and put them in a text file, skip to step 6.

1. Open the Micro Focus license activation web page *http://supportline.microfocus.com/activation* in a browser.
2. Enter your authorization code and old machine ID and, optionally, your email address in the **Email Address** field.
3. Click **Generate**.

4. Copy the licenses strings from the web page or the email you receive into a file.
5. Put the license file onto your target machine.
6. Start the Micro Focus License Administration tool and select the **Manual License Installation** option by entering `4`.
7. Enter the name and location of the license file.

To start Micro Focus License Administration

To start the GUI Micro Focus License Administration

Windows 8.1	From the Windows **Start** screen, click the **License Administration** tile.
Windows 10 and Later	From your Windows desktop, click **Start > Micro Focus License Manager > License Administration**.

To start the command-line Micro Focus License Administration tool

1. At a command prompt, navigate to:
   ```
   C:\Program Files (x86)\Micro Focus\Licensing
   ```
2. Type `cesadmintool.bat`, and press **Enter**.

To obtain more licenses

If you are unsure of what your license entitlement is or if you wish to purchase additional licenses for Modelling Support for Eclipse, contact your sales representative or Micro Focus Customer Care.

Updates and SupportLine

Our Web site provides up-to-date information of contact numbers and addresses.

Further Information and Product Support

Additional technical information or advice is available from several sources.

The product support pages contain a considerable amount of additional information, such as:

- Product Updates on *Software Licenses and Downloads*, where you can download fixes and documentation updates.

  1. Log into the Software Licenses and Downloads (SLD) site at *https://sld.microfocus.com/mysoftware/download/downloadCenter* .
  2. Select your account and click **Entitlements**.
  3. Search for the product by using any of the available search parameters.
  4. Click **Show all entitlements**.
  5. Click **Get Software** in the Action column for the product you want to download or update.

     In the **File Type** column, you see entries for "Software" for any GA products, and "Patch" for any patch updates.
  6. Click **Download** on the relevant row.
- The *Examples and Utilities* section of the Micro Focus Customer Care Web site, including demos and additional product documentation. Go to *https://supportline.microfocus.com/examplesandutilities/index.aspx*.
- The *Support Resources* section of the Micro Focus Customer Care Web site, that includes troubleshooting guides and information about how to raise an incident. Go to *https://supportline.microfocus.com/supportresources.aspx*

To connect, enter *https://www.microfocus.com/en-us/home/* in your browser to go to the Micro Focus home page, then click **Support & Services** > **Support**. Type or select the product you require from the product selection dropdown, and then click **Support Login**.

> **Note:** Some information may be available only to customers who have maintenance agreements.

If you obtained this product directly from Micro Focus, contact us as described on the Micro Focus Web site, *https://www.microfocus.com/support-and-services/contact-support/*. If you obtained the product from another source, such as an authorized distributor, contact them for help first. If they are unable to help, contact us.

Also, visit:

- The Micro Focus Community Web site, where you can browse the Knowledge Base, read articles and blogs, find demonstration programs and examples, and discuss this product with other users and Micro Focus specialists. See *https://community.microfocus.com*.
- The Micro Focus YouTube channel for videos related to your product. See *Micro Focus Channel on YouTube*.

https://www.microfocus.com/en-us/resource-center/webinar

Information We Need

If your purpose in contacting Micro Focus is to raise a support issue with Customer Care, you should collect some basic information before you contact us, and be ready to share it when you do.

Click here to see the *Preparing to Raise a Support Case* topic on the Product Documentation pages on Micro Focus Customer Care.

Creating Debug Files

If you encounter an error when compiling a program that requires you to contact Micro Focus Customer Care, your support representative might request that you provide additional debug files (as well as source and data files) to help us determine the cause of the problem. If so, they will advise you how to create them.

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