



# Micro Focus Modelling Support 5.0 for Eclipse

Release Notes

**Micro Focus**  
**The Lawn**  
**22-30 Old Bath Road**  
**Newbury, Berkshire RG14 1QN**  
**UK**  
<http://www.microfocus.com>

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# Micro Focus Modelling Support 5.0 for Eclipse Release Notes

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 SupportLine Web site](#) for any updates to the documentation which might have been uploaded.

## Product Overview

The Application Workflow Manager (AWM) is a framework based on the Eclipse Modeling Framework (EMF) which enables you to seamlessly integrate an application development workflow into an Eclipse IDE. Modifying an AWM model enables you to adapt and extend the EMF model so that you can integrate an application development workflow according to your organization's requirements.

At run time the AWM model is loaded and interpreted as an AWM application. The AWM application can modify the functionality and user interface of the views contributed by AWM to the Eclipse IDE enabling you to customize the workflow as required.

AWM provides a number of function packages that contain objects and tools that enable you to develop application workflow in specific areas. For example, a function package containing tools to handle Eclipse resources.

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/), <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 and z/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. Use the download links in your Electronic Product Delivery email.

For more information follow the links for the installation instructions and the End User License Agreement.

## 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 the supported operating systems, check the *Product Availability* section on the Micro Focus SupportLine Web site: <http://supportline.microfocus.com/prodavail.aspx>.



**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.

## Installing

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

1. Run the `modsupp_50.exe` file and follow the wizard instructions to complete the installation.



**Note:** The supported versions of Eclipse are 4.7 and 4.8. As a prerequisite, Enterprise Developer must not be installed.

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:

1. 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):

1. 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.

# 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 SupportLine](#).

## Installing licenses

You need either a license file (with a `.mflic` extension) or an authorisation code which consists of a string of 16 alphanumeric characters.

### 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

#### Authorizing your product when you have an Internet connection



## Note:

- 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.

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.



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

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.

1. Start Micro Focus License Administration.
2. Click **Manual Authorization** on the Install page.
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 SupportLine 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 SupportLine 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 start 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 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 SupportLine.

# Updates and SupportLine

Our Web site gives up-to-date details 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:

- The *Product Updates* section of the Micro Focus SupportLine Web site, where you can download fixes and documentation updates. Go to <https://supportline.microfocus.com/websync/productupdatesearch.aspx>
- The *Examples and Utilities* section of the Micro Focus SupportLine 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 SupportLine 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> in your browser to go to the Micro Focus home page, then click **Support & Services > Support > Support Resources > All Support Resources by Product**. In the **Browse by Product** field, click the product you require, and then click **Log into SupportLine**.



**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 <https://www.youtube.com/user/MicroFocusIntl>.

## Information We Need

However you contact us, please try to include the information below, if you have it. The more information you can give, the better Micro Focus SupportLine can help you. But if you don't know all the answers, or you think some are irrelevant to your problem, please give whatever information you have.

- The name and version number of all products that you think might be causing a problem.
- Your computer make and model.
- Your operating system version number and details of any networking software you are using.
- The amount of memory in your computer.
- The relevant page reference or section in the documentation.
- Your serial number. To find out these numbers, look in the subject line and body of your Electronic Product Delivery Notice email that you received from Micro Focus.

On Windows, if you are reporting a protection violation you might be asked to provide a dump ( `.dmp`) file. To produce a dump file you use the **Unexpected Error** dialog box that is displayed when a protection violation occurs. Unless requested by Micro Focus SupportLine, leave the dump setting as `Normal` (recommended), click **Dump**, then specify a location and name for the dump file. Once the dump file has been written you can email it to Micro Focus SupportLine.

On Windows, you can use the Micro Focus SupportLine Support Scan Utility, `MFSupportInfo`, to create either:

- a `.log` file that contains the details about your environment, Micro Focus SupportLine products, and settings.
- a `.zip` archive that includes the same information as the `.log` file plus some product configuration files from `c:\ProgramData` and the product installation log files.

`MFSupportInfo.exe` is stored in `<install-dir>\bin`.

To run `MFSupportInfo`:

1. Start a 32-bit Enterprise Developer command prompt.
2. Enter `MFSupportInfo` at the command prompt to start the utility.
3. Create a `.log` file or a `.zip` archive as follows:

- a. To create a `.log` file, click **File > Save**.

This prompts to save the `.log` file, `MFSupportInfo_Log_MachineName_YYYY-MM-DD_HH-MM-SS.log`, in the `%temp%` directory.

- b. To create a `.zip` archive, click **Tools > Create Zip Package**.

This creates a `.zip` archive, `MFSupportInfo_Log_MachineName_YYYY-MM-DD_HH-MM-SS.zip`, in the `%temp%` directory.

4. Send the diagnostic information to your Micro Focus SupportLine representative:

The following requires an Internet connection and an Email client:

- a. Click **Tools > Email Log to SupportLine** to open the **Email Log** dialog box.
- b. Fill in the required fields and click **Send**.

If the machine is not connected to the Internet or if there are no Email clients installed, copy either the `.log` file or the `.zip` archive to a machine that is connected to the Internet. Use your Email client to email the files to Micro Focus SupportLine at [supportline@microfocus.com](mailto:supportline@microfocus.com) together with the Support Incident (SI) number, if available, and any additional details that might be useful to diagnose the issues that you are experiencing.

## Creating Debug Files

If you encounter an error when compiling a program that requires you to contact Micro Focus SupportLine, 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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