MICRO FOCUS

Enterprise Sync 2.1

Release Notes

2017-01-30

Contents

Introduction

These *Release Notes* contain product information that might not appear in other documentation. Read them in their entirety before you install Enterprise Sync. Refer to *Using Micro Focus Connect* for information about using the Micro Focus Connect UI.

For the most recent version of this document, go to: *http://supportline.microfocus.com/productdoc.aspx*.

About Enterprise Sync

Enterprise Sync delivers fast, efficient change management for mainframe development teams. By replicating mainframe source code to a distributed software configuration management platform, Enterprise Sync increases the effectiveness of parallel application development activities. Modern GUI-based tooling improves code change through automation, increased visibility, and simplified conflict and change resolution. Changes made to the distributed source management platform synchronize automatically with the mainframe software change management system. This ensures software change and configuration management processes and mainframe application source code remain the primary system of record.

There are two key parts to Enterprise Sync - the server piece that mirrors and synchronizes Endevor assets in a distributed platform, and the client tools that are driven from Enterprise Developer for z Systems that provide modern SCM tooling regardless of where the source resides - mainframe or distributed.

The components in the Enterprise Sync solution communicate with each other in the following manner:
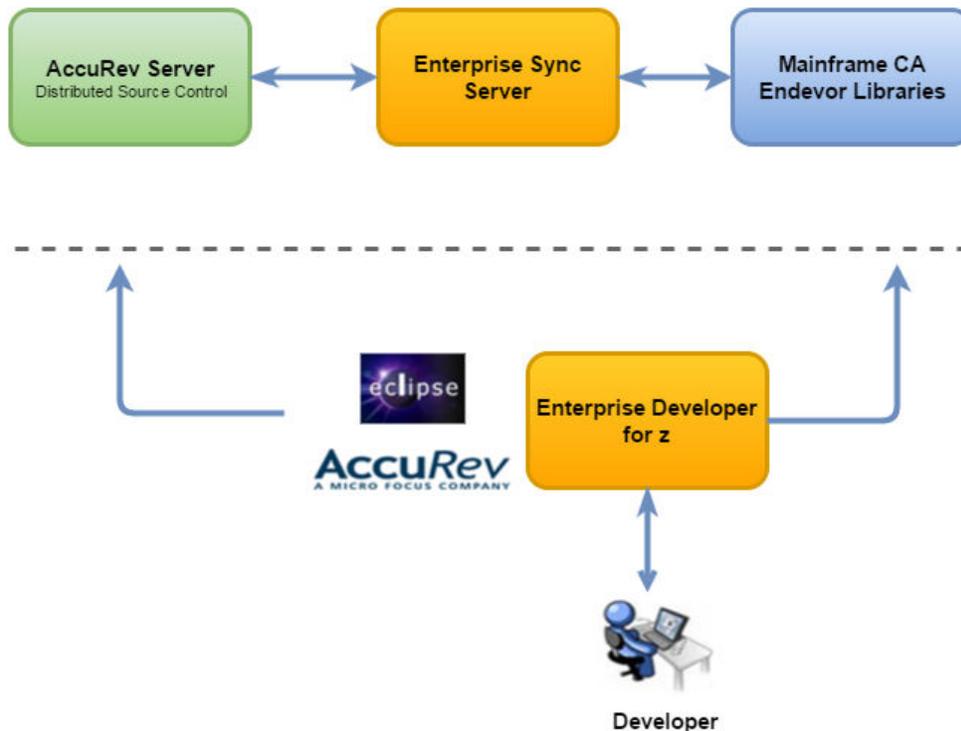
Refer to the Enterprise Sync Installation and Administration Guide for installation procedures.

System Requirements

This following sections contain the system requirements for each component of the Enterprise Sync solution.

AccuRev System Requirements

Enterprise Sync includes the client components from the AccuRev `6.2.3_ES` release.

⚠️ **Important:** No other AccuRev release is supported.

For the system requirements for AccuRev, please refer to the *AccuRev Installation and Release Notes*: *https://supportline.microfocus.com/productdoc.aspx*.

If the AccuRev Server is installed on a Microsoft Windows-supported platform, Perl support has to be installed in addition. Download the Perl distribution from *https://www.perl.org/get.html*. Use either the commercial ActiveState Perl or the Strawberry Perl distribution.

Enterprise Sync System Requirements

This section lists system requirements needed to run Enterprise Sync.

Web Browsers

- Google Chrome 35+
- Mozilla Firefox 30+
- Internet Explorer 10+

Operating Systems

- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2012
- Microsoft Windows Server 2008 (32- and 64-bit)

Hardware

| Minimum | 32-bit, quad-core systems with 4-8GB of memory |
| Recommended | 64-bit, quad-core systems with 8-16GB of memory |

Endevor System Requirements

The recommended version of CA Endevor Software Change Manager (Endevor) is version 17 and above. If you require support for earlier versions of Endevor, please contact Micro Focus Support Line as this will require an additional module not supplied as part of the Enterprise Sync product release.

⚠️ **Important:** `PTF RO71576` must be applied to R17 and above. If you are unable to apply this PTF from CA, then please contact Micro Focus Support Line.

Enterprise Developer System Requirements

Enterprise Developer 2.3.2 HF3 is required.

Known Issues

Please note the following before installing/using the product:

AccuRev Eclipse Client

AccuRev Element Links	AccuRev can create what are known as element links, linking an element in one physical location in your AccuRev workspace to another physical location within your AccuRev workspace. Element links are not supported when working with AccuRev content that is synced with Endevor environments.
Installation of the AccuRev Eclipse Plugin	Currently there is a restriction compared to standard Eclipse plugin installation procedures: • You have to extract the folder `UpdateSite` first from the zip archive. Then, install the plugin in Enterprise Developer using **Help Install New Software...** > **Add...** > **Local** pointing to the `UpdateSite` folder. • After the installation, close and start it once again with the `-clean` option. If there are problems with the AccuRev Eclipse plugin directly after the installation of the plugin, then restart using the `-clean` start option.
Demote Function not Available	The on-demand sync process is executed when promoting files from your AccuRev workspace through the gated stream to the target stream. If the synchronization fails, for example, because the file is signed-out in Endevor to another user or a parallel change has been applied, then the file remains in the gated stream and the developer typically demotes this file back into his workspace for resolving the conflict situation. Currently the Demote function is only available in the AccuRev Windows client and not in the AccuRev Eclipse plugin. **Workaround:** • Save the file again in your workspace, resolve the conflict and promote it again. • Use the demote function in the AccuRev Windows client, resolve the conflict and promote the file again.

Enterprise Sync Configuration and Synchronization

Endevor properties are stored in the AccuRev stream where an element is a member	When promoting to a gated stream there are no properties present until the element completes the sync operation with Endevor, so no properties will be available in Enterprise Developer until the sync and promote operation is complete.
Configuration Change or Path Renames May Lead to Unwished Purges	A path rename in AccuRev or a mapping change in the Enterprise Sync configuration could have the impact that Enterprise Sync purges folders in AccuRev streams which are not mapped anymore to an Endevor logical path. To avoid unwished purges do not rename a synchronized folder and do not change the mapping rule which synchronizes Endevor elements to these folders.

If you still have done such changes and Enterprise Sync has purged some folders, read the purge command description in the AccuRev Command Line Reference for instructions how to restore purged elements.

AccuRev Element Could be Added Using the Wrong User Credentials

For adding files to AccuRev the relevant user is retrieved from the Endevor's last action user entry, knowing that in some situations the last action user is not the last edit user.

Even more, if bulk updates are done in AccuRev and the corresponding files were changed by different mainframe users, then this could have the impact that the wrong AccuRev user is used for adding some files.

The impact of this behavior is, that specific functions in AccuRev (like the Annotate function) could display wrong user names.

AccuRev Web User Interface

On Demand Synchronization Not Supported

Do not use the AccuRev WebUI to promote content into gated streams. The AccuRev Web user interface doesn't allow entering mainframe credentials. When a user promotes content into a stream that is used in bi-directional synchronizations, mainframe credentials are required to sync the content. In the AccuRev GUI and the AccuRev Eclipse plugin, changes have been made to prompt the user for this information. The AccuRev Web user interface allows for promote operations, but hasn't been changed to also capture this information.

Trailing whitespace in AccuRev

If trailing whitespace is added to a line in AccuRev, and this file is synchronized to Endevor and then promoted in Endevor, then the status of the file in AccuRev may indicate an Overlap, if this file is synchronized back to AccuRev which requires a merge. Performing the merge will correctly remove the Overlap condition.

Updates and SupportLine

Our Web site gives up-to-date details of contact numbers and addresses.

Contacting Micro Focus

Micro Focus is committed to providing world-class technical support and consulting services. Micro Focus provides worldwide support, delivering timely, reliable service to ensure every customer's business success.

All customers who are under a maintenance and support contract, as well as prospective customers who are evaluating products, are eligible for customer support. Our highly trained staff respond to your requests as quickly and professionally as possible.

Visit *http://supportline.microfocus.com/assistedservices.asp* to communicate directly with Micro Focus SupportLine to resolve your issues, or email supportline@microfocus.com.

Visit Micro Focus SupportLine at *http://supportline.microfocus.com* for up-to-date support news and access to other support information. First time users may be required to register to the site.

Information Needed by Micro Focus SupportLine

When contacting Micro Focus SupportLine, please include the following information if possible. The more information you can give, the better Micro Focus SupportLine can help you.

- The name and version number of all products that you think might be causing an issue.
- Your computer make and model.
- System information such as operating system name and version, processors, and memory details.
- Any detailed description of the issue, including steps to reproduce the issue.
- Exact wording of any error messages involved.
- Your serial number.

To find out these numbers, look .

Creating a Dump File

If 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

You may also be asked to provide a log file created by the Consolidated Tracing Facility (CTF) - a tracing infrastructure that enables you to quickly and easily produce diagnostic information detailing the operation of a number of Micro Focus software components.

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.

Index

A

about Enterprise Sync 4
AccuRev system requirements 5

C

contact information 9
Customer Care 9

D

debugging
    error messages 10
downloads 9

E

Endevor system requirements 5
Enterprise Developer for Eclipse system requirements 6

H

HCO
    errors 10

I

introduction 4

K

known issues 7

P

product support 9
Product Support 9

S

serial number 9
SupportLine 9
system requirements 5

W

WebSync 9
works order number 9