

UM1516 User manual

MicroXplorer installation as an Eclipse[™] plugin

Introduction

The latest version of MicroXplorer is fully integrated in Eclipse[™] as a plugin. This user manual describes the installation and uninstallation of this MicroXplorer plugin using the Eclipse integrated development environment.

To discover the new features in the latest version, refer to the MicroXplorer release note (RN0063).

Host software prerequirements

- One of the following Eclipse versions must be installed:
 - Eclipse IDE Indigo (3.7)
 - Eclipse IDE Helios (3.6)
 - Eclipse IDE Galileo (3.5)
- A Java Runtime Environment version 1.6 or higher must be installed.

Table 1 lists the development tools concerned by this user manual.

Table 1. Applicable tools

Туре	Applicable products
Development tools	MicroXplorer

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1 How to install MicroXplorer Eclipse plugin

- 1. Download **MicroXplorer Eclipse Plugin** installer from *www.st.com/microxplorer* web page to your local disk (for example *C:\tmp\MicroXplorer_EclipsePlug-inV2.0.zip*).
- 2. From Eclipse, click Help->Install New Software.
- 3. From the Available Software dialog, click Add.
- 4. From the Add Repository pop-up, click Archive.

Figure 1. Add repository

🖶 Install		
Available Software Select a site or enter the location of a site.		
Work with: type or select a site	re software by working with the <u>"Available Software Site</u>	Add
type filter text	4	
Name	Version	
Name: Image: I	Local Archive OK Cancel	
 Show only the latest versions of available software Group items by category Show only software applicable to target environment Contact all update sites during install to find required software 	Hide items that are already installed What is <u>already installed</u> ? ftware	
•	<back next=""> Finish</back>	Cancel

5. From **Repository archive**, select the .zip file that you downloaded from the plugin package, then click **Open.**

Figure 2. Open repository

Look in	: 🗀 tmp		*	G	🖻 E	• 🔃 9	
My Recent Documents	■MicroExplore	er_EclipsePlug-inV2.0.z	ip.				
Desktop							
My Documents							
S My Computer							
	File name:	MicroExplorer_Ecli	psePlug-inV2.0.zi	p	•	~	Open
My Network	Files of type:	*.jar;*.zip			•	~	Cancel

6. From the Add Repository pop-up, click OK.

Figure 3. OK to add repository

Name:			Loca	al
Location: jar:file:/C:/t	mp/MicroExplorer_E	clipsePlug-inV2.0		
0		ОК	Cano	e



7. Check MicroXplorer_Eclipse_Plugin, then click Next.

Figure 4. Choose MicroXplorer eclipse plugin

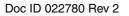
🖨 Install		<u>- 0 ×</u>
Available Software Check the items that you wish to install.		
Find more so	/huangz/Desktop/MicroXplorer_Plugin_V2_RC1	Add
type filter text		
Name	Version	
 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	2.0.0.201202091219	
Select All Deselect All 1 item selected		
Details		=
☑ Show only the latest versions of available software	🔲 Hide items that are already installed	
Group items by category	What is <u>already installed</u> ?	
Show only software applicable to target environment		
Contact all update sites during install to find required softwar	re	
?	< Back Next > Finish	Cancel



8. In the Install Details dialog, click Next..

Figure 5. Install details

🖨 Install			
Install Details Review the items to be installed.			
Name MicroXplorer	Version 2.0.0.20120209	Id MicroXplorer_Feature.feature	.group
Size: Unknown Details MicroXplorer is a graphical tool enabling users to configure the pinout of an ST MCU very easily by selecting the peripher needed for the application.	als		More
?	< Back	Next > Finish	Cancel





9. In Review Licenses, click I accept the terms of the license agreement. Click Finish.

Figure 6. Review Licenses

🗧 Install	×
Review Licenses Licenses must be reviewed and accepted before the software can be installed.	
License text (for MicroXplorer 2.0.0.201202211931):	
END USER LICENSE AGREEMENT This End User License Agreement ("License") is a legal agreement between You (either a single individual, or single legal entity) and STMicroelectronics N.V., with its registereda office at WTC Schiphol Airport, Schiphol Boulevard 265, 1118 BH Schiphol Airport, Amsterdam, the Netherlands, acting through its Swiss Branch located at 39, Chemin du Champ des Filles, 1228 Plan-les-Ouates, Geneva, Switzerland ("ST"). By clicking "I ACCEPT", or by installing, copying or otherwise using the Licensed Software, You indicate that You agree to be bound by all the terms of this license. If you do not agree to the terms of this license, do not install, copy or use the Licensed Software. DEFINITIONS.	 III
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 I accept the terms of the license agreement ○ I do not accept the terms of the license agreement 	
Reck Next > Finish Cancel	



10. In Security Warning, click OK.

Figure 7. Security Warning

Esecurity Warning		
	are that contains unsigned content. tware cannot be established. Do yo	
	OK Cancel D	etails >>

11. In Software Updates, click Restart Now.

Figure 8. Software Updates

🖨 Software Updates	×
You will need to restart Eclipse SDK for the installatio You may try to apply the changes without restarting errors.	n changes to take effect. but this may cause
Restart Now Not Now	Apply Changes Now



2 How to install MicroXplorer Eclipse plugin into a third party IDE

To install the MicroXplorer Eclipse plugin into a third party IDE based on Eclipse, please follow the following procedure:

- 1. Exit the third party IDE.
- 2. Download MicroXplorer Eclipse Plugin installer from *www.st.com/microxplorer* web page to your local disk (for example *C:\tmp\microxplorer_eclipseplug.zip*).
- 3. Extract the content of microxplorer_eclipseplug.zip into a directory (for example *C:\tmp\microxplorer_eclipseplug*).

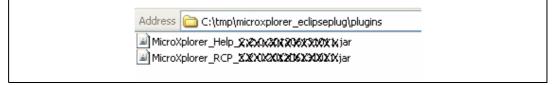
The directory should look like *Figure 9*.

Figure 9. Directory for Eclipse plugin

Address	C:\tmp\microxplorer_eclipseplug
🚞 featur	
🚞 plugins	;
📓 artifac	ts.jar
📓 conter	•
📄 site. xn	nl

4. Copy the content of the plugins folder into the plugins folder of your third party IDE installation directory:

Figure 10. Plugins folder



5. Copy the content of the features folder into the features folder of your third party IDE installation directory:

Figure 11. Features folder

Addre	ss 🛅 C:\tmp\microxplorer_eclipseplug\features
🔊 Mie	roXplorer_Feature <u>%%%%%%%%%%%%%%%%%%%</u> jar

6. Restart the third party IDE.



3 How to uninstall MicroXplorer Eclipse plugin

1. In Eclipse, click Help->Install New Software, then What is already installed?

Figure 12. What is already installed

🚝 Install	
Available Software Select a site or enter the location of a site.	
	• Add
Name	Version
Select All Deselect All	
 Show only the latest versions of available software Group items by category Show only software applicable to target environment Contact all update sites during install to find required s 	☐ <u>H</u> ide items that are already installed What is <u>already installed</u> ? software
(?)	 Einish Cancel



2. Click Installed Software tab, then select MicroXplorer and click Uninstall.

Figure 13. Select uninstall

Adobe Flash Builder Core Feature 4.0.1.277662 com.adobe.flexbuilder.feat Adobe Flash Builder Localized Core Feature 4.0.1.277662 com.adobe.flexbuilder.feat Common Flex IDE Feature 4.0.1.277662 com.adobe.flexbuilder.feat Common Flex IDE Utility Feature 4.0.1.277662 com.adobe.flexbuilder.feat	Image: Adobe Flash Builder Core Feature 4.0.1.277662 com.adobe.flexbuilder.feat Image: Adobe Flash Builder Localized Core Feature 4.0.1.277662 com.adobe.flexbuilder.feat Image: Adobe Flash Builder Localized Core Feature 4.0.1.277662 com.adobe.flexbuilder.feat Image: Common Flex IDE Feature 4.0.1.277662 com.adobe.flexbuilder.feat Image: Common Flex IDE Utility Feature 4.0.1.277662 com.adobe.flexide.utils.feat Image: Common Flex IDE for Java EE Developers 1.2.2.2010 epp.package.jee Image: Localized common feature 4.0.1.277662 com.adobe.flexide.feature	
Adobe Flash Builder Localized Core Featu 4.0.1.277662 com.adobe.flexbuilder.feat Common Flex IDE Feature 4.0.1.277662 com.adobe.flexide.feature Common Flex IDE Utility Feature 4.0.1.277662 com.adobe.flexide.utils.feat Eclipse IDE for Java EE Developers 1.2.2.2010 epp.package.jee Localized common feature 4.0.1.277662 com.adobe.flexide.feature MicroXplorer 2.0.0.2012 MicroXplorer_Feature.featu	Image: Adobe Flash Builder Localized Core Feat: 4.0.1.277662 com.adobe.flexbuilder.feat Image: Common Flex IDE Feature 4.0.1.277662 com.adobe.flexide.feature Image: Common Flex IDE Utility Feature 4.0.1.277662 com.adobe.flexide.utils.feat Image: Common Flex IDE Utility Feature 4.0.1.277662 com.adobe.flexide.utils.feat Image: Common Flex IDE for Java EE Developers 1.2.2.2010 epp.package.jee Image: Common feature 4.0.1.277662 com.adobe.flexide.feature	
	MicroXplorer 2.0.0.2012 MicroXplorer_Feature.heatu	
	icroXplorer is a graphical tool enabling users to configure the pinout of an ST MCU very easily by selecting the peripherals needed for the application	1.

3. In the Uninstall Details menu, click Finish

Figure 14. Finish uninstall

Uninstall Details Review and confirm the	e items to be uninstalled.	
Name	Version Id	
MicroXplorer	2.0.0 MicroXplorer_Feature.fe	ature.group
_Details		



4 Revision history

Table 2.Document revision history

Date	Revision	Changes
24-Feb-2012	1	Initial release.
25-Jun-2012	2	Added Section 2: How to install MicroXplorer Eclipse plugin into a third party IDE.



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