# UNİSYS

# ClearPath OS 2200 IDE for Eclipse

Internalization of OS 2200 Eclipse IDE

ClearPath OS 2200 Release 16.0

January 2016

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### Section 1 Installing Babel Package for Eclipse IDE

Eclipse is a global community, and it is in everyone's interest to ensure that Eclipse is available and translated in as many locales as possible.

Babel is a set of tools to make the job of globalizing Eclipse projects easier. This document talks about the steps involved in installing the Babel package needed to adapt the Eclipse deliverables to properly run in multiple locales and to translate selected Eclipse projects into multiple different languages (for example, Japanese).

#### **1.1. How to install Babel package for Eclipse IDE**

Perform the following steps to install the Babel package for Eclipse IDE:

1. From the Help menu, select **Install New Software**.

The **Install** window opens.

2. Click **Available Software Sites** as shown in the following image.

0	Install	- 🗆 🗙
Available Software Select a site or enter the location of a site.		() ()
Work with: type or select a site	Find more software by working with the Available Softw	Add
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Select All Deselect All		
Details		10
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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 software		
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The **Preferences** window opens.

3. Click **Add** in the **Preferences** window.

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▶ Ant	type filter text			
▷ C/C++				
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<ul> <li>Run/Debug</li> <li>Server</li> </ul>				
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<ul> <li>Web</li> </ul>	<		>	
<ul> <li>Web Services</li> </ul>				
> XML				
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The **Add Site** dialog box opens.

4. Enter the following details in the Add Site dialog box and click OK.

**Name** – name of your choice.

**Location** – the latest version of the Babel package available from the Babel site. For example, <u>http://download.eclipse.org/technology/babel/update-</u><u>site/R0.13.0/mars.</u>

			Preferences		
ype filter text	Available Softw	are Sites			$\diamond \star \diamond$
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Plus Preferences					
Practically Macro (					
Run/Debug					
Server Team					

5. Select the Babel package name and click **OK**.

U		Preferences	_ 🗆 🗙
type filter text	Available Software Sites		⇔ ▼ ⇔ ▼ ▼
General			
▶ Ant	type filter text		
▷ C/C++			
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Run/Debug			
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▷ Team			
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Validation Web	<	>	
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6. Select the Babel package from the drop-down list of **Work with**.

	Install	_ 🗆 🗙
Available Software Select a site or enter the location of a site.		(B)
		_
Work with type or select a site		Add
type or select a site		Sites" preferences.
type filter #Babel - http://download.edipse.org/technology/babel/up	date-site/R0.13.0/mars	
Name	Version	_
① There is no site selected.		
Select All Deselect All		
Details		
C COMP		0
Show only the latest versions of available software	<ul> <li>Hide items that are already installed</li> </ul>	
Group items by category	What is already installed?	
Show only software applicable to target environment		
Contact all update sites during install to find required software		
0	< Back Next > Finish	Cancel
	2 Tack Tack Lauri	Canter

Eclipse will connect to the listed package and load all the available packages.

**Note:** Ensure that the system on which Babel package is installed is connected to Internet.

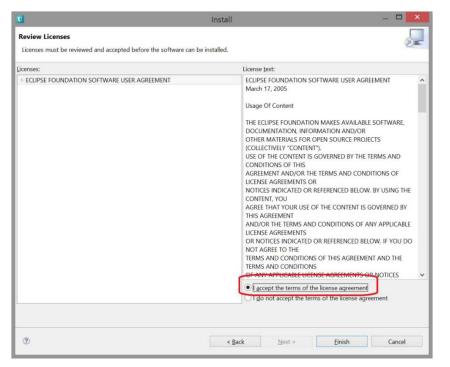
	Install		_ 8 ×
Available Software		()	Quick Access 🛛 🗃 🕇 OS 2200
Check the items that you wish to install.			- 0
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Group items by category	What is <u>already installed</u> ?		
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Contact all update sites during install to find required software			
0	< Back Next > Einish	Cancel	
<i>•</i>	~ Back Elevel > Eluipti	Cancel	Fetching children of Babel: (10%)

7. Type Japanese in the search field and select **Babel Language pack for** eclipse in Japanese.

U	Install	– 🗆 🗙
Available Software		
Check the items that you wish to install.		
Work with: Babel - http://download.eclipse.org/technology/babel/up	data atta (20.12.0/mars)	Add
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	This hore software by working with the Available Software	<u>oltes</u> preferences.
japanese Name	Version	<i>a_</i>
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Babel Language Packs for datatools		
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Babel Language Pack for modeling.emf in Japanese (64.     Babel Language Packs for mylyn	4.5.0.v20150804081228	~
Select All Deselect All 1 item selected		
Details		
		0
Show only the latest versions of available software	$\checkmark$ Hide items that are already installed	
Group items by category	What is already installed?	
Show only software applicable to target environment		
✓ Contact all update sites during install to find required software		
?	< Back Next > Finish	Cancel
	N Dack Mext > Finish	Cancer

- 8. Then, type **CDT** in the search field and select **Babel Language pack for** tools.cdt in Japanese and click **Next**.
- 9. Review the selected items in the next window and click **Next**.

10. Select I <u>accept the terms of the license agreement</u> and click Finish.

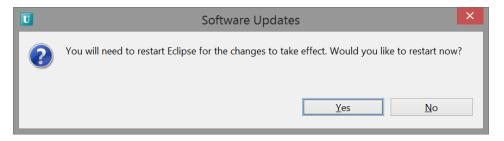


Eclipse downloads the Babel packages.

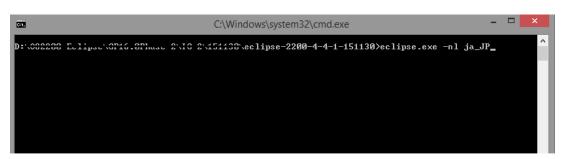
Note: Say OK to the following Security Warning message you get.



11. Eclipse will ask for a restart once the package updating is complete. Click **Yes** for Babel package to be updated completely.



12. If the operating system is running in Japanese Locale, then Eclipse will load in Japanese. If the operating system is not in Japanese, then run Eclipse from command prompt using "eclipse.exe -nl ja\_JP" as shown in the following figure:



13. Eclipse will start with Japanese Locale.

			OS 2200 - Eclipse			_ 0 🌅
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		\$ .₹©@@] <b>} ₽</b> ⊷ →	¢ • 0 • 4 • <i>© 4</i> •	원 <b>*</b> 원 <b>*</b> 원 수 <b>*</b> 수	I	クイック・アクセス 😰 🕈 OS 2200
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## **1.2.** How to start Eclipse in English language on non-English Locale Systems

Perform the following steps to start Eclipse in English language on systems with a different locale, for example, Japanese:

1. Create a desktop shortcut.

Right-click Eclipse.exe > Send to > Desktop (create shortcut).

Rer	1 name	•	<b>Open</b> Run as administrator Troubleshoot compatibility Pin to Start	pen it stor	Select none		
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1	p2	-	Cut	-11	Compressed (zipped)	folder	
1	plug		Сору		Desktop (create shortd	cut)	
1	read wsci .eclip		Create shortcut Delete Rename		Documents Fax recipient Mail recipient Notepad	r r RODUCT File	1 KB
and -	artife		Properties		WinSCP (for upload)		318 KB
0	eclip	se.e>	(e		1/9/2015 2:59 PM	Application	313 KB
<u></u>	eclip	se.in	i		10/22/2015 3:41 PM	INI File	1 KB
	eclip	sec.e	exe		1/9/2015 2:59 PM	Application	26 KB
8	eclip	se-cl	lean.bat		2/12/2015 3:15 PM	Windows Batch File	1 KB
	epl-\	10.1	ntml		8/13/2014 6:36 PM	HTML File	13 KB

eclipse.exe Shortcut is created.

2. Right-click eclipse.exe Shortcut and select Properties.



The Properties window opens.

3. Go to the **Shortcut** tab and add **-nl en\_US** to the directory in the **Target** field.

🗩 ecli	pse.exe	- Englis	sh Prop	ertie	S	×		
General Shortcu	tCompatit	oility Secu	ity Detai	ls				
ec	ipse.exe - E	inglish						
Target type:	Applicatior	ı						
Target location:	eclipse-22	00-4-4-1-15	51020-X64	4				
<u>T</u> arget:	se-2200-4	-4-1-15102	0-X64\ecl	ipse.ex	e" <mark>-nl en_</mark> l	<mark>sa</mark>		
<u>S</u> tart in:	"C:\Users\	byrappdk\C	esktop\e	clipse io	c\eclipse-2	20		
Shortcut <u>k</u> ey:	Shortcut key: None							
<u>R</u> un:	Run: Normal window							
C <u>o</u> mment:	Comment:							
Open <u>F</u> ile Lo	ocation	<u>C</u> hange	Icon	A	lvanced			
	(	ОК	Cance	əl	Apply	/		

4. Click **Apply** and then click **OK**.

## **1.3.** How to start Eclipse in Japanese language on systems with English Locale

1. Create a desktop shortcut.

Right-click Eclipse.exe > Send to > Desktop (create shortcut)

Rename 😜	Open Run as administrator Troubleshoot compatibility Pin to Start Scan for Viruses.	pen • it story	Select none		
-1-1510	Scan for Viruses	•			
Name	WinZip	*	Date modified 11/17/2015 3:20 PM	Type File folder	Size
drop featu	Send to	• 8	Bluetooth	Cile Calalar	
p2	Cut Copy		Compressed (zipped) Desktop (create shortd		
k read k wsci	Create shortcut Delete Rename		Documents Fax recipient Mail recipient Notepad	r r RODUCT File	1 KB
🚽 artife	Properties		WinSCP (for upload)		318 KB
C eclipse.e	xe		1/9/2015 2:59 PM	Application	313 KB
eclipse.ii	ni		10/22/2015 3:41 PM	INI File	1 KB
eclipsec.	exe		1/9/2015 2:59 PM	Application	26 KB
eclipse-o	clean.bat		2/12/2015 3:15 PM	Windows Batch File	1 KB
epl-v10.	html		8/13/2014 6:36 PM	HTML File	13 KB

eclipse.exe Shortcut is created.

2. Right-click eclipse.exe Shortcut and select Properties.

	Delete	
6	Rename	
튀	Properties	

The **Properties** dialog box opens.

3. Go to the **Shortcut** tab and add **-nl ja\_JP** to the directory in the **Target** field.

🗩 eclip	ose.exe - Japanese Properties	×				
General Shortcu	t Compatibility Security Details					
ec	eclipse.exe - Japanese					
Target type:	Target type: Application					
Target location:	eclipse-2200-4-4-1-151020-X64					
Target:	Target: pse-2200-4-4-1-151020-X64\eclipse.exe" <mark>-nl ja_JP</mark>					
Start in:	"C:\Users\byrappdk\Desktop\eclipse ic\eclipse-220					
Shortcut key:	None					
Run:	Normal window					
Comment:						
Open File Lo	Open File Location Change Icon Advanced					
	OK Cancel A	pply				

4. Click **Apply** and then click **OK**.

### 1.4. How to change the encoding technique in SciTE

1. Click on Telnet icon.



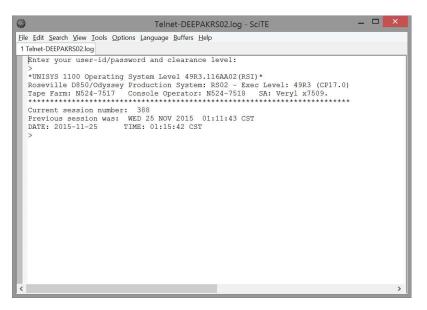
2. Configure the Username and password and connect to OS2200 system.

0		新規TELNET接続	_ □	×		
telnetホストを選択してください。 ホストを指定。または、先に構成された接続を選択してください。						
	○手動	<ul> <li>構成される</li> </ul>				
ホスト(日):	RS02.RSVL.UNISYS.COM					
ポート( <u>P</u> ):	23					
	<none> ~</none>					
SSLポート						
接続	DEEPAKRS02					
ホスト( <u>H</u> ): ユーザID( <u>L</u>	RS02.RSVL.UNISYS.COM J): BYRAPPDK					
新規			編集	削除		
?		終了(E)	キャンセル			

3. Click the **Open Log Telnet Console** icon in Telnet view.

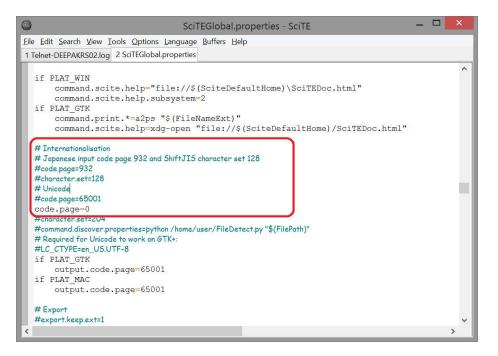


4. The SciTE editor window opens.



 Go to Options > Open Global Options File and click SciTEGlobal.properties - SciTE.

Find Internalization in the settings file.



6. Remove the # sign preceding code.page=932 and add a preceding # to coce.page=0.

SciTEGlobal.properties * SciTE	- 🗆 🗙	
File Edit Search View Tools Options Language Buffers Help		
1 Telnet-DEEPAKRS02.log 2 SciTEGlobal.properties *		
<pre>if PLAT_WIN     command.scite.help="file://\$(SciteDefaultHome)\SciTEDoc.html"     command.scite.help.subsystem=2 if PLAT_GTK     command.print.*=a2ps "\$(FileNameExt)"</pre>	ŕ	
command.scite.help=xdg-open "file://\$(SciteDefaultHome)/SciTEDoc.html"		
# Internationalisation # Japanese input code page 932 and ShiftJIS character set 128 code.page=932 #character.set=128 # Unicode		
#code.page=65001 #code.page=0 #character.set=204 #command.discover.properties=python /home/user/FileDetect.py "\$(FilePath)"		
<pre>#Required for Unicode to work on GTK+: #LC_CTYPE=en_US.UTF-8 if PLAT_GTK output.code.page=65001</pre>		
if PLAT_MAC output.code.page=65001 #Export		
#export.keep.ext=1		/
C	>	

7. Close the editor window and click **Open Log in Telnet view**.

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