UNİSYS

ClearPath OS 2200 IDE for EclipseTM

Internationalization (i18n) of OS 2200 IDE for Eclipse

ClearPath OS 2200 Release 16.0

January 2016

8205 7043-000

NO WARRANTIES OF ANY NATURE ARE EXTENDED BY THIS DOCUMENT. Any product or related information described herein is only furnished pursuant and subject to the terms and conditions of a duly executed agreement to purchase or lease equipment or to license software. The only warranties made by Unisys, if any, with respect to the products described in this document are set forth in such agreement. Unisys cannot accept any financial or other responsibility that may be the result of your use of the information in this document or software material, including direct, special, or consequential damages.

You should be very careful to ensure that the use of this information and/or software material complies with the laws, rules, and regulations of the jurisdictions with respect to which it is used.

The information contained herein is subject to change without notice. Revisions may be issued to advise of such changes and/or additions.

Notice to U.S. Government End Users: This software and any accompanying documentation are commercial items which have been developed entirely at private expense. They are delivered and licensed as commercial computer software and commercial computer software documentation within the meaning of the applicable acquisition regulations. Use, reproduction, or disclosure by the Government is subject to the terms of Unisys' standard commercial license for the products, and where applicable, the restricted/limited rights provisions of the contract data rights clauses.

Unisys is a registered trademark of Unisys Corporation in the United States and other countries. Eclipse is a trademark of Eclipse Foundation, Inc All other brands and products referenced in this document are acknowledged to be the trademarks or registered trademarks of their respective holders.

Contents

Section 1. Installing Babel Package for Eclipse IDE

1.1.	How to install Babel package for Eclipse IDE
1.2.	How to start Eclipse in English language on non-
	English Locale Systems1–7
1.3.	How to start Eclipse in Japanese language on
	systems with English Locale1–9
1.4.	How to change the encoding technique in SciTE

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 TAvailable Softw	Add
type filter text		
Name	Version	
Select All Deselect All		
Details		0
Show only the latest versions of available software	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		
0	< Back Next > Einish	Cancel

The **Preferences** window opens.

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

			Preferences		_ 🗆 🗙
type filter text	Available Softwa	re Sites			⇔ ▼ ⇔ ▼ ▼
General					
Ant	type filter text				
C/C++					
COBOL	Name		Location		<u>A</u> dd
Data Managemen					
Fortran					Edit
Help					Remove
▲ Install/Update					
Automatic Upd					Reload
Available Softw					
⊳ Java					Enable
Java EE					Import
Java Persistence					Tubortm
JavaScript					E <u>x</u> port
Log Viewer					
Maven					
♭ Mylyn					
OS2200					
Plug-in Developm					
Plus Preferences					
Practically Macro (
Run/Debug					
Server					
Team					
Terminal					
Validation	1				
⊳ Web	`				/
Web Services					
XML					
< >					
?				ОК	Cancel

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>

U			Preferences		_ 🗆 🗡
type filter text	Available Soft	ware Sites			$\diamond \bullet \diamond \bullet$
 General Ant C/C++ 	type filter text				
COBOL	Name	*	Location		Add
 Data Managemen Fortran 					Edit
Help					Remove
 Install/Update Automatic Upd- 					Rejoad
Available Softw			Add Site	×	Feeble
⊳ Java		Provent	10		CTIONIG
Java EE	Name:	Babel		L <u>o</u> cal	Import
Java Persistence	ocation:	http://download.ecli	pse.org/technology/babel/update-site/R0.1	Archive	
 JavaScript Log Viewer 		10. D			Export
 Mayon 					
 Mylyn OS2200 	0		OK	Cancel	
Plug-in Developm 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++			
COBOL	Name	Location	<u>A</u> dd
Data Managemen	✓ ≪ Babel	http://download.eclipse.org/technology/babel/update-s	Edit
Fortran			Tour
▶ Help			<u>R</u> emove
 Install/Update 			- 1 - 1
Automatic Upd			Reload
Available Softw			Disable
P Java EE			
 Java Persistence 			Import
JavaScript			Francis
Log Viewer			Export
Maven			
⊳ Mylyn			
OS2200			
Plug-in Developm			
Plus Preferences			
Practically Macro (
Run/Debug			
Server			
▷ Team			
Terminal			
Validation	<	>	
> Web			
> Web Services			
< >			
0		ОК	Cancel

6. Select the Babel package from the drop-down list of **Work with**.

U.	Install	_ 🗆 🗙
Available Software Select a site or enter the location of a site.		() .
Work with Upper or select a site type filter All Available Sites type filter Bibel = http://download.edipse.org/technology/babe/vi Name 0 There is no site selected.	pdate-site/R0.13.0/mars Version	Add
Şelect All Deselect All		
Details		*
Show only the latest versions of available software	✓ Hide items that are already installed What is already installed?	.*
Show only software applicable to target environment	while is brickly instance.	
Contact all update sites during install to find required software		
Ø	< Back Next > Einish	Cancel

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
Work with: ⁰ Babel - http://download.edipse.org/technology/babel/u	pdate-site/R0.13.0/mars	Add	
	Find more software by working with the "Available Softwar	re Sites" preferences.	
type filter text	Version		
Select All Deselect All			
Details		(#	
Show only the latest versions of available software	✓ Hide items that are already installed	2001	-
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			
0	< Back Next > Einish	Cancel Eetching 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.		
Markwith Robel http://download.edince.org/technology//bobel/up	data site/P0.12.0/mars	L L A
work with: Baber - http://download.ecilpse.org/technology/babel/up	Find more software by working with the "Available Software	Sites" preferences
iananese	The more solution of the solut	<u>preferences</u>
Name	Version	<u>^</u>
Babel Language Packs for birt	10,000	
Babel Language Pack for birt in Japanese (77.01%)	4.5.0.v20150804081228	
Babel Language Packs for datatools		
Babel Language Pack for datatools in Japanese (93.83% Babel Language Packs for editore) 4.5.0.V20150804081228	
Babel Language Pack for eclipse in Japanese (92.11%)	4.5.0.v20150804081228	
Babel Language Packs for modeling.emt	0.0%)	
Babel Language Pack for modeling.emf in Japanese (64. Babel Language Packs for mylyn	.04%) 4.5.0.720150804081228	~
Select All Deselect All 1 item selected		
Details		
		Ň
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 software		
Ø	< <u>B</u> ack <u>N</u> ext > Einish	Cancel

- 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.

	C T(N) Search JUSTOP(P) :	211(N) 03 2200 94,	21-2(14) · VE2(0)				
	► 0 = N 3. 0 .4 5 🕺 🗎		5 . C C C C (S) 🖺 🕶 🔸	* • 0 • • • • • • * •	別・別・やや・ウ	* 1	クイック・アクセス 🕫 🕈 OS 2
200 Explorer 🕸	OS 2200 File Explorer						
		- OS 2200 Host Manag	er View - CIFS 💷 🚭 Tasks 🏦	Problems			21 8 8 9 9 9 9
		- OS 2200 Host Manag Host Name	er View - CIFS 💷 🔊 Tasks 🖄 Connection Status	Problems User-ID	OS	Connection Name	21 0 0 4 4 4
	- 	L OS 2200 Host Manag Host Name \$ 192,61,252.2	er View - CIFS 또 관 Tasks 또 Connection Status Disconnected	Problems User-ID BYRAPPDK	OS OS 2200	Connection Name R502.BYRAPPDK	2000 4 P &
	e t	L OS 2200 Host Manag Host Name * 192.61.252.2 * 192.61.252.2	er View - CIFS 🗉 🗟 Tasks 🖭 I Connection Status Disconnected Disconnected	Problems User-ID BYRAPPDK MANEYMR	OS OS 2200 OS 2200	Connection Name RS02.BYRAPPDK MANEVRS02	21 0 0 4 4 4
	e	L OS 2200 Host Manag Host Name \$ 192.61.252.2 \$ 192.61.252.2 \$ 172.22.243.192	er View - CIFS III @ Tasks III Connection Status Disconnected Disconnected	Problems User-ID BYRAPPDX MANEYMR BYRAPPDX	OS OS 2200 OS 2200	Connection Name RS02.BYRAPPDK MANEY.RS02 DORADO	1.000-00 B
		L OS 2200 Host Manag Host Name \$ 192.61.252.2 \$ 172.22.243.192 \$ 172.22.243.192	er View - CIFS II @ Tasks II a Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID BYRAPPDK MANEYMR BYRAPPDK PRAKSTA1	OS OS 2200 OS 2200 OS 2200 OS 2200	Connection Name RSD2.BYRAPPDK MANEY RSD2 DORADO Apard[D0RADO	20099 2009 2009 2009 2009 2009 2009 200
		L OS 2200 Host Manag Host Name 1926.01.25.2 1926.01.25.2 172.22.243.192 172.22.243.192	er View - CIFS III @Tasks[11] Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID BYRAPPDK MANEYJRR BYRAPPDK PRAKASHA1	OS OS 2200 OS 2200 OS 2200 OS 2200 OS 2200	Connection Name RS02.BYRAPPDK MANEY.RS02 DORADO AnandDORADO	2 0 0 0 0 0
		L OS 2200 Host Manag Host Name \$192.61.252.2 \$192.61.252.2 \$172.22.243.192 \$172.22.243.192	er View - CIFS III @ Tasks III Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID BYRAPPDK MANEYMR BYRAPPDK PRAKASHA1	OS OS 2200 OS 2200 OS 2200 OS 2200 OS 2200	Connection Name RS02.87RAPPOK MAREVRS02 DORADO AnandDORADO	2000 2000 2000 2000 2000 2000 2000 200
		L OS 2200 Host Manag Host Name \$192.61252.2 \$192.61252.2 \$172.22.243.192 \$172.22.243.192	er View - CIFS ≅ er Tasks ≛ 1 Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID ВУКАРРОК МАЛЕУМЯ ВУКАРРОК PRAKASHA1	OS OS 2200 OS 2200 OS 2200 OS 2200 OS 2200	Connection Name RSD2.9YRAPDK MANEYRSD2 DDRADO AnandDORADO	2 0 0 0 0 0 C
		- 05 2200 Host Manag Host Name \$192.612522 \$192.612522 \$172.22243.192 \$172.22243.192	er View - CIFS II @ Tasks 10 Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID BYRAPPDK MANEYNR BYRAPPDK PRAKASHA1	OS OS 2200 OS 2200 OS 2200 OS 2200 OS 2200	Connection Name RS02.BYRAPPOK MAREYRS02 DORDOD AnandDORADO	20040
		L OS 2200 Host Manag Host Name \$19261 252.2 \$19261 252.2 \$172.22243.192 \$172.22243.192	er View - CIFS # @ Tasks & Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID BYRAPPDK MANEYMR BYRAPPDK PRAKASHA1	OS OS 2200 OS 2200 OS 2200 OS 2200	Connection Name RS02.0YRAPDK MANEYRS02 DORADO AnandDORADO	g 0 0 0 0 0 5
		L OS 2200 Host Manag Host Name * 19261252.2 * 17222243.192 * 17222243.192	er View - CIFS # @ Tasks Connection Status Disconnected Disconnected Disconnected Disconnected	Problems User-ID BYRARPDK MANEYMR BYRARPDK PRAKASHA1	05 05 2200 05 2200 05 2200 05 2200	Connection Name RS02.prr0.pr/0.k MAREYRS02 DORDOD AnandDORADO	20040

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).

Rename	•	Open Run as administrator Troubleshoot compatibility Pin to Start	ben it stor	Select all		
4 1 1510		Scan for Viruses		Select		
4-1-1510.	1	TortoiseSVN	•			
Name	9	WinZip Sourcefire Pin to Taskbar	*	Date modified 11/17/2015 3:20 PM	Type File folder	Size
foot		Send to	• 8	Bluetooth		
n2	-	Cut	-11	Compressed (zipped)	folder	
		Сору		Desktop (create shortd	cut)	
k read		Create shortcut Delete Rename		Documents Fax recipient Mail recipient	r r RODUCT File	1 KB
artifa		Properties	- 2	WinSCP (for upload)		318 KB
🗢 eclip	se.ex	xe		1/9/2015 2:59 PM	Application	313 KB
🔛 eclip	se.in	ni		10/22/2015 3:41 PM	INI File	1 KB
💷 eclip	sec.e	exe		1/9/2015 2:59 PM	Application	26 KB
🖳 eclip	se-c	lean.bat		2/12/2015 3:15 PM	Windows Batch File	1 KB
epl-	v10.ł	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.



The Properties window opens.

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

🗩 ecli	ipse.exe	- Engli	sh Prop	pertie	s	×
General Shortcu	t Compatil	bility Secu	ırity Detai	ils		
ect	ipse.exe - E	English				
Target type:	Application	n				
Target location:	eclipse-22	00-4-4-1-1	51020-X6	4		
<u>T</u> arget:	se-2200-4	-4-1-15102	20-X64\ecl	lipse.ex	e" -nl en_l	<mark>s</mark>
<u>S</u> tart in:	"C:\Users\	byrappdk\	Desktop\e	clipse io	c\eclipse-2	20
Shortcut <u>k</u> ey:	None					
<u>R</u> un:	Normal wi	ndow				~
C <u>o</u> mment:						
Open <u>F</u> ile Lo	ocation	<u>C</u> hange	Icon	A <u>c</u>	lvanced	
	(ОК	Cano	el	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	pen ▼ it story	Select all		
4-1-1510	Scan for Viruses				
1	TortoiseSVN	,			
Name	1 WinZip	•	Date modified	Туре	Size
🔔 conf	Sourcefire Pin_to_Taskbar	•	11/17/2015 3:20 PM	File folder	
b drop	Send to	• 8	Bluetooth		
📕 feati t	Cut	-1	Compressed (zipped)	folder	
p2	Copy		Desktop (create shortc	ut)	
piug read	Create chortcut	3	Documents		
weei	Delete	4	Fax recipient	L L	
would be also	Delete	2	Mail recipient	BODUCT EL	1 1/0
ecit	Kename		Notepad	KODOCT File	I ND
artil	Properties	N	WinSCP (for upload)		318 KB
eclipse	e.exe	-	1/9/2015 2:59 PM	Application	313 KB
🞽 eclipse	ini		10/22/2015 3:41 PM	INI File	1 KB
eclipse	c.exe		1/9/2015 2:59 PM	Application	26 KB
🖳 eclipse	-clean.bat		2/12/2015 3:15 PM	Windows Batch File	1 KB
epl-v1	0.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.

CE	Delete	
1	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	X					
General Shortcu	t Compatibility Security Details						
eclipse.exe - Japanese							
Target type: Application							
Target location:	Target location: eclipse-2200-4-4-1-151020-X64						
Target:	Target: pse-2200-4-4-1-151020-X64\eclipse.exe [*] -nl ja_JP						
Start in:	"C:\Users\byrappdk\Desktop\eclipse ic\eclipse-220						
Shortcut key:	None						
Run:	Normal window V						
Comment:							
Open File Lo	Open File Location Change Icon Advanced						
OK Cancel Apply							

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	 構成される 						
ホスト(日):	RS02.RSVL.UNISYS.COM							
ポート(<u>P</u>):	23							
文字変換	<none> \vee</none>							
SSLポート								
接続	DEEPAKRS02							
ホスト(<u>H</u>): ユーザID(<u>I</u>	RS02.RSVL.UNISYS.COM J): BYRAPPDK							
新規			編集	削除				
?		終了(E)	キャンセル	L I				

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



4. The SciTE editor window opens.



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

Find internationalization in the settings file.



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

SciTEGlobal.properties * SciTE	- C		×
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) " command.scite.help=xdg-open "file://\$ (SciteDefaultHome) /SciTEDoc.html # Internationalisation # Japanese input code page 932 and ShiftJIS character set 128 kode.page=932 # character.set=128 # Unicode # code.page=0 # character.set=204 # command.discover.properties=python /home/user/FileDetect.py "\$(FilePath)" # Required for Unicode to work on GTK+: #LC_CTYPE=en_US.UTF-8 if PLAT_GTK output.code.page=65001 if PLAT_MAC output.code.page=65001</pre>			^
# Export			
#export.keep.ext=1			~
<		>	

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

© 2016 Unisys Corporation. All rights reserved.



8205 7043-000