



WindowBuilder Pro

Pierre Chauvet pierre.chauvet@uco.fr



Plan de la présentation



Introduction

- Outils de développement Java
- Google Java Developer Tools
- Installation plug-in
- Documentation en ligne
- 1. Description de l'interface
- 2. Premier exemple
- 3. Options de WindowBuilder Pro





Outils de développement Java

Quelques environnements de développement intégré (EDI) pour Java:

- Eclipse + Plug-in : gratuit, version 3.6 http://www.eclipse.org/downloads/
- **Netbeans** : gratuit, version 6.9 http://netbeans.org/
- JDevelopper : gratuit, version 11g http://www.oracle.com/technetwork/developer-tools/jdev/downloads/index.html
- JBuilder : trial gratuit, version 2008 http://www.embarcadero.com/products/jbuilder
- IntelliJ IDEA: version light gratuite, version 10 http://www.jetbrains.com/idea/download/index.html

Eclipse+WindowBuilder (communauté Eclipse + Google)



EDI gratuit à compléter avec des plug-in

🍃 Java - Tutorial/src/Essai.java - I	Eclipse	The second second	Rocks Table			-		
<u>File Edit Source Refactor</u>	<u>N</u> avigate Se <u>a</u> rch <u>P</u> roject <u>R</u> un <u>W</u> indow <u>H</u> elp							
	📑 • 🕸 • O • 🤬 • 🖶 🞯 • 🥭	😕 🛷 🔹 🕴 🖌	• 🖓 • 🍫 🔶 • o	¢ •				😭 📳 Java
🛱 Package Ex 🖾 📃 🗖	ଟ *Essai.java 🖾						- 8	🗐 Task List 🕱 💎 🗖
	Structure	നി അതി ഗ	Sal of B & S		🔉 \star 📠 < system	15 v		
😂 Tutorial	🍾 Components 🛛 🕀 🗖		- 10 HE HE	• == •	and the system			
进 src	🔲 (javax.swing.JFrame)	System						
(default package)	contentPane	Selec C. Marc					· · · · · · · · · · · · · · · · · · ·	Concoregonized
IRE System Library II	button - "New button"	Choo 🛗 Tab .						
a system clonary p		Containers			Nev	v button		
		JPanel 🛄 JScro	əl				-	
		🗍 JSplit 🦳 JTab	b					
		JTool 💾 JLaye	e					
		JDesk 🔟 JInte	r					
		🗁 Layouts	E					(i) Connect Mylyn
		ដដAbsol 긜클 Flow	d					Connect to your task and ALM tools.
		画 Borde 井 Gridl	L					E Outline 🕅 🗖 🗖
	Properties 👋 🔂	╈ GridB 📑 Card	L					
	Variable button	BoxLa 🙀 Sprin	1					
	Constructor (Constructor properties)	井 Form 坮 Migl						Fssai
	Class javax.swing.JButton	Grou						contentPane : JPanel
*	🗄 bindings []	Struts & Spring	s					⁸ main(String[]) : void
	background 240,240,240 E	Components						new Runnable() {}
	font Tahoma 11	🔄 JLabel 🏼 🎘 JT ext	t					© Essai()
	foreground 0,0,0	JCom 🔲 JButt	ton					
	horizontalAlig CENTER	JChec 💿 JRad	i					
	icon	📗 JTog 🔛 JText	t					
	selectedIcon	🌆 JFor 😓 JPass	s				08.03.00.0	
	E Source Design S Bindings	-					WindowBuilder Pro	
	Problems 🕸 @ Javadoc 🔯 Declaration							
	0 errors, 1 warning, 0 others							
	Description	Resource	Path	Location	Туре			
	Warnings (1 item)							
	<u></u>				Dana ant		line are	
					Writable	Smart Insert	41:26	

Netbeans (communauté Netbeans + Oracle)

EDI gratuit complet (Développement visuel+Modélisation UML)





JDeveloper (Oracle)



Version téléchargeable après enregistrement...

Source JDeveloper 11g Release 1 - Essai1.jws : Project1.jpr	: C:\JDeveloper\mywork\Essai1\Project1\src\essais\Frame1.java	
<u>File Edit View Application Refactor Search Na</u>	rigate <u>B</u> uild <u>R</u> un Design Versi <u>o</u> ning <u>T</u> ools <u>W</u> indow <u>H</u> elp	
🔮 🗁 🗐 🗊 🕬 🔍 🗐 🏙 I 🕥 • 🔘 - I 📥	🕍 🕌 🛪 • 🕞 • 🅸 •	(Search
Application Navigator	art Page Essai 1 Overview Erame 1_AboutBoxPanel 1. java	Component Palette
🕞 Essai1 🔹 🕞 🔹		Swing
▼ Projects 🔍 🕅 🕅 🖓 ▼ 🕾 ▼ 🗌	🗒 Blahla	(C) (B)
Project1 Application Sources	File Help	♥ Components
ÈÈi src		JButton
🚊 🌐 essais		IComboBox
Frame1_AboutBoxPanel1.java		් JEditorPane
Frame1.java		JFormattedTextField
Main 1. java		A JLabel
openfile.gif		🗒 JMenuBar
		JPanel
		I JSplitPane
Recently Opened Files		TabhedPane Y
Frame1.java - Structure		Constraints
1		🖫 🖋 📴 🥒 🎁 Find 🕹 🚱 🍞
		🖃 Focus
this (BorderLayout)	V Design [15-tem] (focusOwner: <default></default>
Other		
		1 General
		E Model
		Events
		🐠 Updates are available 🛛 🗶
		New features and updates are available. Click here to review and install available updates.
		Skip automatic check for updates
Source Design		
this (BorderLayout)		Jui UI Editing

7

JBuilder (Embarcadero)















Plug-in Eclipse pour le développement d'applications Java ou d'applications internet « riches »

- *WindowBuilder Pro* : outil de développement visuel d'interfaces Java WYSIWYG (« What You See Is What You Get »)

- WindowTester Pro : outil pour le test des IHM Java

- CodePro AnalytiX : analyse de la qualité du code

http://code.google.com/intl/fr/javadevtools/index.html



Installation Plug-in



- WindowBuilder Pro est un plug-in pour Eclipse versions 3.4 (Ganymede), 3.5 (Galileo), 3.6 (Helios) et 3.7 (Indigo)

- L'adresse des plug-in se trouve à: https://developers.google.com/java-dev-tools/downloadwbpro?hl=fr

- L'installation se fait via Eclipse:
- \rightarrow on fournit à Eclipse l'adresse du plug-in,
- → Eclipse se charge du téléchargement puis de l'installation







Installation du plug-in avec Eclipse 3.6: 1. Aller sur le site (https://developers.google.com/java-dev-tools/downloadwbpro?hl=fr)

2. Copier l'adresse du plug-in pour Eclipse 3.6 dans le presse-

papier (Ctrl-C)

3. Lancer Eclipse 3.6

Update sites

If you are already familiar with installing Eclipse plugins, you can just use the update site URL below for your version of Eclipse.

For bleeding edge features and bug fixes, see the WindowBuilder Pro (BETA) installation page.

Eclipse 3.6 (Helios)

http://dl.google.com/eclipse/inst/d2wbpro/latest/3.6

Eclipse 3.5 (Galileo)

http://dl.google.com/eclipse/inst/d2wbpro/latest/3.5

Eclipse 3.4 (Ganymede)

http://dl.google.com/eclipse/inst/d2wbpro/latest/3.4

Note: If you are having trouble installing from the update sites, please see the installation instructions in the documentation.



Installation Plug-in (suite)



- 3. Dans Eclipse, aller dans le menu: $Help \rightarrow Install New$ Software...
- 4. Sur la ligne *Work with*, coller l'adresse (Ctrl-V) du plug-in puis taper Entrée
- 5. Cliquer sur le bouton Select All
- 6. Cliquer sur Next, puis patienter..

Available Software	
eneck are items that you wish to install	2
Work with: http://dl.google.com/eclipse/inst/d2wbpro/latest	/3.6 🔹 <u>A</u> dd
Find more software by working with the	"Available Software Sites" prefer
type filter text	
Name	Version
00 GroupLayout	
000 GWT Designer	
000 GWT Designer Editor	
Infrastructure	
🔲 🚥 SWT Designer	
<	
Select All	
Details	
$\overline{\mathscr{V}}$ Show only the latest versions of available software $\Box H$ ide it	ems that are already installed
<u> <u> G</u>roup items by category What is </u>	already installed?
Contact all update sites during install to find required softwar	e
2 Rack Next >	Finish Cance



10. Accepter de redémarrer Eclipse quand la demande en est faite en fin d'installation



Documentation en ligne



Présence d'une importante documentation en ligne sur le site (<u>https://developers.google.com/java-dev-tools/wbpro/?hl=fr</u>)

Download	121 C 182 U 1	N 100 - 241					
Eclipse Donation FAQ	The editor lo	oks like this:					
Introduction	□ ^d Application.ja	va 33				_	
Introduction	Struct	ure <u> </u>	-	900	* *	酒	🔲 (default)
Quick Start	The Components			+ Palette			(defaul
What's New	a 🔄 shell - A	Composite		System			📕 de
The second second	> 🔄 Addr	ess		Selection	Marquee		en_US
Distaliation	a 🔄 Phon	e		Choose co			i ru
⊐ User Interface	See In	tome - "Home"			Canvas		Last Nam
Design View	tomern - to office " to office Ph to mobile - "Mobile"			Table Tree			
Source Mieur							Street
Source view				SortedList			City
	i mobilePh			B Layouts			State
⊕ <u>Palette</u>	p El entercomposite		₩ Absolute la	∰ FillLayout		Home	
Toolbar	Properties	°0 đ žu	19 E	#GridLayout FromLayout		2	Mobile
Tooloal	Variable * Constructor	home (Constructor pro	n er	# RowLayout			Linearus I
Context Menu	⇒ Style	0	-	Controls	TT-01 - 1.0		Email
⊕ <u>Features</u>	border	false		Push Button	Check Box		
∓ Data Binding	separator	Italse		• Kadio Sutton	Cambo		
D Data Dinang	dir	VERTICAL		illi i text	Program		
Layout Managers	shadow	SHADOW_OUT		10 Clider	Renutar		
<u> Wizards</u>	align	LEFT (org.eclipse.swt.)	lavo	Takle	TableColu		
Preferences	Class	org.eclipse.swt.w	vidg	# Tableltem	Tree		
P Tuteriele	alignment	LEFT	(2)	Treeltern	Call Here		
D <u>Hutonals</u>	enabled	V true	()	🕞 Menu			
<u> Product Support </u>	font	MS Shell Dig 9		Menu Bar	Popup Menu		
Accessibility	foreground	0,0,0		📋 Cascade M	- Menultem		
Tips and Tricks	text	Home		Radio Men	a Check Men		
Tips and tricks	toolTipText			Separator			
FAQ	🔄 Source 📑 L	lesign					
Terms of Service							





Description de l'interface

🚽 Application.ja	va 🕅								-
Struct: Components Shell - "A D name D Addm Phon th t	ure pplication" ccomposite ess e omePh - "" ffice" Office" fficePh hobile - "Mobile" hobile - Mobile"	Palette System System Selection Composites Composite Table SortedList SortedList	Arquee Tab Order Canvas Tree ListView		(default) ▼ (default) de en_US ru Last Name Street City State	2	2φ		4
Properties Variable Constructor Style border separator wrap dir shadow align	Composite Image: Constructor proper Image: Constructor proper Image: Construt	Absolute la GridLayout GridLayout GridLayout Posh Button Ge Radio Button Ge Radio Button Ge Sider	FillLayout FormLayout Check Box Label Combo ProgressBar Browser	1	Mobile Email			Dflice	
E LayoutData Class alignment background enabled font foreground image text toolTipText	(org-eclipse.swt.layo org-eclipse.swt.widg LEFT 240,240,240 m V true MS Shell DIg 9 m 6,0,0 m Home m	Table	TableColu Tree Popup Menu Menultem					Wind	lowBuilder Pro



Vue Source / Vue Design



Utiliser les boutons Source et Design pour basculer du

code source à l'interface de *design* (ou Interface de développement visuel)

1000	1 172016 1	127. Marie 147. 147
E Source	💷 Design	S Bindings







Vue Design (démo)



Démonstration avec Eclipse version 3.6 (Helios)...



Premier Exemple





Application Hello World



Objectifs: Créer une application fenêtrée qui affiche un message de bienvenue...





Fenêtre principale (suite)



23

4. Donner un nom à cette nouvelle classe, qui héritera de JFrame (ici: HelloFrame); cliquer sur *Finish*

On obtient le code de la classe HelloFrame; choisir la vue *Design* pour

réaliser l'interface:



Java - Tutorial/src/HelloFrame	ava - Eclipse			-		A CONTRACTOR OF THE OWNER OF THE			
Eile Edit Source Refactor [yavigate Segrch <u>P</u> roject <u>R</u> un <u>W</u> indow ∣	Help							
1 - I - I - I - I - I - I - I - I - I -	📑 • 🕸 • 🔕 • 🖷 🕲 •	0 00 🛷 🔹 🕴	9 • 🖗 • 🍄 🔶 •	ф т					📑 🌉 Java
📲 Package Ex 🖾 📃 🗖	😴 HelloFrame.java 🖾							- 8	Task List 🖾 👘 🗖
🗎 😫 🔛 🎽	Structure	9 0 0 0 0	0 + 10 A ×	🖬 🕒 •	🦝 <system< th=""><th>m> 🔻</th><th></th><th></th><th>🕺 🐨 🐨 🐨 🐨 🐨</th></system<>	m> 🔻			🕺 🐨 🐨 🐨 🐨 🐨
🔛 Tutorial	🏠 Components 🔛 🚍	• Palette	-		1				Find Q + All + Activate
src	(javax.swingJFrame)	😂 System		·					Ct Uncategorized
I HelloFrame.ja	Contempare	Selection	C Marquee		\$				
🛋 JRE System Library [J		Choose compon	Tab Order						
		Containers	TH IC and IID and a						
		ISolitPape	TabbedPane						
		ToolBar	I averedPane						
		DesktopPane	I JinternalFrame						
		avouts							
		Absolute layout	Here FlowLayout						
		III BorderLayout	井 GridLayout						Connect Mylyn
		井 GridBagLayout	CardLayout	E.					Connect to your task and ALM tools.
		BoxLayout	SpringLayout						🗄 Outline 🛛 🗖 🗖
	Properties @ @ a # #3	#FormLayout	持MigLayout						* 12 × × × ~
		GroupLayout							a import declarations
		Components							P. HelloFrame
		tabel	Ŭ ⊐JTextField						contentPane : JPanel S main(String[]) : void
		IComboBox	IButton						R new Runnable() {}
		Z JCheckBox	 JRadioButton 						Generation Contraction Generation Gene
	<no properties=""></no>	JToggleButton	IT extArea						
		JFormattedTextFi	JPasswordField						
		TextPane	JEditorPane						
		13 JSpinner	IList						
		[]] JTable	ITree JTree						
		IProgressBar	JScrollBar	*					
	F Source Design 📎 Bindings	and the second se							
	🖹 Problems 🖄 🥥 Javadoc 🗟 Declarati	on							§ª ∽ ⊓ □)
	0 errors, 1 warning, 0 others								
	Description	Resource	Path	Location	Туре				
	 Warnings (1 item) 								
• • +									
De						Writable	Smart Insert	1:1	
							1		-







public class HelloFrame extends JFrame {

```
private JPanel contentPane;
```

```
/**
 * Launch the application.
 * /
public static void main(String[] args) {
      EventQueue.invokeLater(new Runnable() {
            public void run() {
                  try {
                        HelloFrame frame = new HelloFrame();
                        frame.setVisible(true);
                  } catch (Exception e) {
                        e.printStackTrace();
      });
}
/**
 * Create the frame.
 * /
public HelloFrame() {
      setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
      setBounds(100, 100, 450, 300);
      contentPane = new JPanel();
      contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
      contentPane.setLayout(new BorderLayout(0, 0));
      setContentPane(contentPane);
}
```



Propriétés du JLabel



7. Dans la boîte de propriété du Jlabel, modifier les propriétés horizontalAlignment et text

Structure Components Components ContentPane ContentPane Selection J. Marquee Selection	🗗 HelloFrame.java 🔀 🔌		12 - CA						
Image: Constraints Image: Constraints Imable	Structure	⊐ 	9 🖻 🖻 🗳	🛛 🕹 🖝 💼 💼	×	🖃 🕥 🕶	👼 <system></system>	•	
@vax.swing.JFrame) @vax.swing.JFrame) & Selection	tomponents	E E	• Palette _						
ContentPane Selection Marquee Choose comp 13 Tab Order Choose comp 13 Tab Order Containers JPanel JScrollPane JPanel JScrollPane JPanel JScrollPane JPanel JScrollPane JPosktopPane InternalFrame DesktopPane JDesktopPane JoektopPane Joekt	(javax.swing.JFrar	me)	🗁 System						
Constructer Properties South Constructor Image: Constructor Construitors Struits & Springlayout Bondings Image: Constructor Construitors Costs ip/Sequence Image: Construitor Image: Distructor Image	contentPane		Selection	□_ Marquee					
Constructor Constructor Constructor properi Constructor Constr		rLeMonde - "BONDOUR LE MO	Choose comp	Tab Order		1 1 1			
Image: Image			Containers			Ī			Ī
Image: SpinPane Image: SpinPane <td></td> <td></td> <td>IPanel</td> <td>IScrollPane</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>			IPanel	IScrollPane	-				
Bondour LE MONDE Bondour LE MONDE <td></td> <td></td> <td></td> <td>TabbedDane</td> <td></td> <td></td> <td></td> <td></td> <td></td>				TabbedDane					
Image: Second Pane IntervalPrane Image: DesktopPane Image: DesktopPane			IT as ID as						
Importantic Constructor properti Constructor Jandel J.TeckBox Pr			ID IN D	4_JLayeredPane					
Image: Constructor Constructor<			JDesktopPane		4				
Image: Absolute layout Image: Absolute layout <td></td> <td></td> <td>Cayouts</td> <td>4400000000000000</td> <td></td> <td></td> <td></td> <td>BONJOUR LE MO</td> <td>DNDE</td>			Cayouts	4400000000000000				BONJOUR LE MO	DNDE
Image: Second			û Å Absolute layout	FlowLayout					
Image: Spring Layout Image: CardLayout Image: Spring Layout Image: Spring Layout Properties Image: Spring Layout Image: Spring Layout Image: Spring Layout Variable IblBonjourLeMonde IblBonjourLeMonde Struts & Springs Image: Spring Label Image: Spring Label			BorderLayout	‡A GridLayout					
BoxLayout Try SpringLayout Try Hole Stute SpringLayout Try Hole			‡₿ GridBagLayout	I CardLayout					
Image: Second			BoxLayout	TringLayout					
Properties Image: Section of the se	۰ (m	•	#FormLayout	# MigLayout	Ξ				
Variable IblBonjourLeMonde Constructor (Constructor properti Constraints Center Class javax.swing.JLabel J.TextField bindings [] background 240,240,240 J.CheckBox J.Button background 240,240,240 J.TextField J.ToggleButton J.JoggleButton J.TextParea J.JoggleButton J.TextParea enabled foreground L0.0.0 J.JestParea J.JestParea horizontalAlignment CENTER J.Jable J.Tree J.Jable J.Jree J.JscrollBar verticalAlignment CENTER J.Spinaer J.ScrollBar	Properties	10 3 L 🔆 🖪	GroupLayout						
■ Constructor (Constructor properti Constraints Center Javax.swing.JLabel J.Label bindings [] J.ComboBox background 240,240,240 // J.CheckBox J.Button J.CheckBox foreground I.JoggleButton J.ToggleButton J.ToggleButton J.ToggleButton J.ToggleButton J.ToggleButton J.ToggleButton J.ToggleButton J.TextPrae J.JoggleButton J.TextPrae J.JoggleButton J.TextPane J.JextPane J.EditorPane J.Ist J.Table J.Table J.Tree J.ProgressBar J.Jree J.Separator J.Separator J.Slider	Variable	IblBoniourLeMonde	C Struts & Spring	15					
Constraints Center Javax.swing.JLabel □ JLabel Dindings [] background □ 240,240,240 displayedMnemonic(□ JCheckBox □ JRadioButton enabled ✓ true font Tahoma 11 □ JFormattedTe □ JPasswordField morizontalAlignment CENTER □ JTextPane □ JEditorPane horizontalAlignment CENTER □ JTable □ JTree isuffor □ JTable □ JTree isuffor □ JProgressBar ⊡ JScrollBar isuffor □ JSeparator ⊙ JSlider	± Constructor	(Constructor properti	Components						
Class javax.swing.JLabel bindings [] background 240,240,240 displayedMnemonic(JComboBox enabled True fort Tahoma 11 forteground 0.0,0 horizontalAlignment CENTER Lostfor JTextPane icon JSpinner icon JSpinner icon JSpeparator icon JSeparator	Constraints	Center	il abel	IT_ITextField					
■ bindings background displayedMnemonic(enabled foreground horizontalAlignment text text text toolTipT-tail	Class	javax.swing.JLabel	IComboRer:	IPutton					
background 240,240,240 displayedMnemonic(enabled enabled font Tahoma 11 foreground foreground forizontalAlignment CENTER icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon icon <td>± bindings</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	± bindings	0							
aisplayedimmernonic(background	240,240,240	JCheckBox	JRadioButton					
fore Tahoma 11 foreground 0.0 horizontalAlignment CENTER Louffor Image: Sense to the	displayedMinemonic(-	JToggleButton	ITextArea					
foreground =0.0.0 horizontalAlignment CENTER kon = JEditorPane in JSpinner = JList in Market = JProgressBar toolTipText = JSeparator verticalAlignment CENTER	font	Tahoma 11	JFormattedTe	😓 JPasswordField					
horizontalAlignment CENTER I JSpinner I JList konff I Jable JTree konff I JProgressBar I JScrollBar konfficient I Separator JSlider	foreground		JTextPane	JEditorPane					
Itext BONJOUR LE MON. text BONJOUR LE MON. text BONJOUR LE MON. text BONJOUR LE MON.	horizontalAlignment	CENTER	I JSpinner	JList					
Local Formula BONJOUR LE MON text BONJOUR LE MON text BONJOUR LE MON text JProgressBar JScrollBar JSeparator JSlider	icon	8	ITable	Tree JTree					
text BONJOUR LE MON Bus Scrollar Bus Scrollar touffip Text I Separator I JSeparator	labell'er								
verticalAlignment CENTER	text	BONDOUR LE MON							
	verticalAlignment	CENTER	- JSeparator	TOT 12HOEL	ă				



Options de WindowBuilder Pro

e filter text	Code Generation	🗢 🕶 🗘 🔹	
General Apt	☑ Use the existing code generation settings when they can	be deduced	
Help Install/Update Java Plug-in Development Run/Debug Tasks Team Usage Data Collector Validation WindowBuilder ♭ ⊂ommon	Method name for new statements: Default code generation settings Variable generation: Variable generation: Eccal Field Init. Field Lazy Description: declare unique local variable with component, initialize at declaration. Declare variable as "final" <l< td=""><td colspan="2">Statement generation: Flat Block Description: all components in same block. Prefix component creation code:</td></l<>	Statement generation: Flat Block Description: all components in same block. Prefix component creation code:	
 Common GWT Swing Code Generation LookAndFeel SWT XML 	Note: selecting tab in folder above means selecting corresponding variable generation type as default. Preview: JPanel panel = new JPanel(); panel.setBorder(new TitledBorder("Management")); JButton button = new JButton(); button.setText("Add customer"); panel.add(button); 	Note: selecting tab in folder above means selecting corresponding statement generation type as default.	
		Restore Defaults	



Fenêtre des Options



Pour accéder aux options de WindowBuilder Pro:

1. Menu *Window* → *Preferences*

2. Développer WindowBuilder \rightarrow Swing

3. Sélectionner *Code Generation* (par exemple)





Fenêtre des Options



Pour accéder aux options de WindowBuilder Pro:

1. Menu *Window* \rightarrow *Preferences*

2. Développer WindowBuilder \rightarrow Swing

3. Sélectionner *Code Generation* (par exemple)





Démonstrations



Impact des options sur le code généré → Démonstrations sous Eclipse 3.6



Eclipse JUNO

Dernière version d'Eclipse (au 08/2012) dont une des versions intègre:

- WindowBuilder Pro
- Outil de génération de l'exécutable
- Lecteur XML

Eclipse+WindowBuilder intégrés

- Aller sur le site officiel d'Eclipse : http://www.eclipse.org/downloads/

 Télécharger « Eclipse IDE for Java Developers »
 (dernière version au 08/2012: JUNO)
 Eclipse Downloads
 Packages Projects

Cette version intègre *Window Builder Pro* et un outil pour réaliser un « jar exécutable » en quelques clics

rackages riojects	
Eclipse Ju	no (4.2) Packages for Windows
Eclipse IDE for Java EE Developers, 221 MB Downloaded 1,232,814 Times Details	Windows 32 Bit Windows 64 Bit
Eclipse Classic 4.2, 182 MB Downloaded 905.008 Times Details Other Downloads	Windows 32 Bit Windows 64 Bit
Eclipse IDE for Java Developers, 149 MB Downloaded 506,024 Times Details	Windows 32 Bit Windows 64 Bit
Download JBoss Developer Studio 5.0 with packages for Mac, Windows or L	inux.
Eclipse IDE for C/C++ Developers, 143 MB Downloaded 195,583 Times Details	Windows 32 Bit Windows 64 Bit
Downloaded 91,076 Times Details	Windows 32 Bit Windows 64 Bit
Eclipse Modeling Tools, 264 MB Downloaded 30,823 Times Details	Windows 32 Bit Windows 64 Bit
Conviolated 30,015 Times Details	Windows 32 Bit Windows 64 Bit
EClipse IDE for Java and Report Developers, 260 MB.	Windows 32 Bit Windows 64 Bit
Eclipse for Parallel Application Developers, 197 MB Downloaded 13,873 Times Details	Windows 32 Bit Windows 64 Bit
Eclipse for Testers, 95 MB	Windows 32 Bit





- Un exécutable Java est un fichier JAR (extension *.jar)
- En double-cliquant sur ce fichier (comme pour un *.exe), il s'exécute (au sein de la Machine Virtuelle Java, transparent pour l'utilisateur)
- Dans Eclipse, clic-droit sur votre projet
- Dans Menu déroulant, choisir Export
- -> Ouvre cette boîte de dialogue
- Choisir :
- *Runnable JAR File* puis cliquer sur *Next*

Select an export d	lestination:	
type inter text		
b 🗁 General		
Java JAR fi Q Javad Javad Q Runn M Ceb	ile loc able JAR file ug	
bleak Cauni	counts ch Configurations	
0	< Back Next >	Finish Cancel





Construction Exécutable (2)



- Dans la fenêtre de dialogue :



L'exécutable JAR se trouve dans le répertoire **/workspace**