JideBuilder

JideBuilder is a Groovy builder for the open source [JIDE Common Layer]

Contribution Overview

JideBuilder will let you create Jide components and standard Swing components as SwingBuilder does, because it doesn't override the default names of previously registered components in SwingBuilder, this means that you can mix both types of components with the same builder.

```
import griffon.builder.jide.JideBuilder

def jide = new JideBuilder()
jide.edt {
   frame( id: 'frame', title: 'JideBuilder',
pack: true, visible: true ){
      panel( layout: new BorderLayout(5,5)
){
      button( label: "Swing", constraints:
BorderLayout.WEST )
      jideButton( label: "Jide",
constraints: BorderLayout.EAST )
      textField( constraints:
BorderLayout.NORTH )
      calculator( constraints:
BorderLayout.CENTER )
   }
}
```

There are 5 *Searchable components that will add searching capabilities to a previously created widget or an internal one, exposing the searchable widget and the searchable wrapper if an 'id' attribute was provided, for example ComboBoxSearchable:

```
import griffon.builder.jide.JideBuilder

def jide = new JideBuilder()
jide.edt {
   frame( id: 'frame', title: 'JideBuilder',
pack: true, visible: true ){
      panel( layout: new BorderLayout(5,5)
){
      comboBox( id: "mycombo", items:
[1,2,3] )
      comboBoxSearchable( id: "c1",
comboBox: mycombo )
      comboBoxSearchable( id: "c2", items:
[4,5,6] )
   }
}
assertNotNull jide.ci_searchable
```

JIDE Common Layer defines a basic structure for dialogs with StandardDialog, which is an abstract class, you may create your own dialogs based on that template by calling 'standardDialog()', by default all 3 panels will be empty, but yout can provide your own content by calling 'dialogBannerPanel()', 'dialogContentPanel()' and 'dialogButtonPanel()' inside its closure.

All JTextComponents (even those created with regular SwingBuilder methods) will accept a 'selectAll' property, which will call com.jidesoft.swing.SelectAllUtils.install() on the component.
SearchableBar has an additional property 'install' which will register a SearchableBar.Installer automatically into the inmediate container. This property must be a Map and may have the following properties:

- constraints: must be a valid Object accepted by the container's layout (required).
- keyStroke: must be a javax.swing.KeyStroke, defaults to CTRL + F (optional).

Team Members

Andres Almiray [aalmiray at users dot sourceforge dot net]

Download

jidebuilder-6.0

Installing

Drop jidebuilder-4.0 into $GROOVY_HOME/lib along with its dependencies

- jide-oss-3.4.7 -> http://java.net/projects/jide-oss
- svg-salamander-1.1 -> https://svgsalamander.dev.java.net

Maven

```
<repository>
      <id>codehaus-release</id>
      <name>Codehaus</name>

<url>http://repository.codehaus.org</url>
    </repository>
    <repository>
      <id>sonatype-release</id>
      <name>Sonatype</name>

<url>http://repository.sonatype.org/content/
groups/public</url>
    </repository>

  <dependency>
    <groupId>org.codehaus.griffon</groupId>
    <artifactId>jidebuilder</artifactId>
    <version>6.0</version>
  </dependency>
```

Gradle

```
repositories {
    mavenRepo name: 'Codehaus', urls:
'http://repository.codehaus.org'
    mavenRepo name: 'Sonatype', urls:
'http://repository.sonatype.org/content/grou
ps/public'
}

dependencies {
    compile
'org.codehaus.griffon:jidebuilder:6.0'
}
```

The jar file for svg-salamander-1.1 is missing from Maven's central repo. You must download from here and configure your build/classpath appropriately.

Pre-requisites

Groovy 1.8.8 is the required minimum version to run JideBuilder 6.0
Previous versions of JideBuilder will run with earlier versions of Groovy, it is recommended that you upgrade to the 1.8.x series in order to take advantage of

- @Bindable and ASTTransformations
- short binding syntax
- numerous enhancements made to SwingBuilder and FactoryBuilderSupport

Documentation

Alphabetical list of components

Element	Class	Notes
animator	Animator	

autoCompletion	AutoCompletion	Wraps an existing JComboBox with 'comboBox' attribute Wraps an existing JTextComponent with 'textComponent' attribute Will create an internal JTextField if 'textComponent' and 'comboBox' are omitted If 'textComponent' is specified (or internal JTextField is created), 'searchable' or 'list' must also be specified Additional attributes may be set on the wrapped component
autoCompletionComboBox	AutoCompletionComboBox	
autoResizingTextArea	AutoResizingTextArea	
bannerPanel	BannerPanel	
bottom	JPanel	JideSwingUtilities.createBottomPanel
buttonPanel	ButtonPanel	
calculator	Calculator	
center	JPanel	JideSwingUtilities.createCenterPanel
checkBoxList	CheckBoxList	
checkBoxListWithSelectable	CheckBoxListWithSelectable	
checkBoxTree	CheckBoxTree	
clickThroughLabel	ClickThroughLabel	
clickThroughStylableLabel	ClickThroughStylableLabel	
comboBoxSearchable	ComboBoxSearchable	Wraps an existing JComboBox with 'comboBox' attribute Will create an internal JComboBox if 'comboBox' is omitted Additional attributes may be set on the wrapped component Obeys 'items' when creating an internal JComboBox.

contentContainer	ContentContainer	
dateSpinner	DateSpinner	
dialogBannerPanel	DialogBannerPanel (from JideBuilder)	Use it inside standardDialog
dialogButtonPanel	DialogButtonPanel (from JideBuilder)	Use it inside standardDialog
dialogContentPanel	DialogContentPanel (from JideBuilder)	Use it inside standardDialog
dialogPage	DefaultDialogPage (from JideBuilder)	Use it inside a multiplePageDialog Add a 'closure' attribute as the body of lazyInitialize() default does nothing
fileIntelliHints	FileIntelliHints	Needs 'textComponent' attribute Additional attributes may be set on the wrapped component
folderChooser	FolderChooser	
gripper	Gripper	
headerBox	HeaderBox	
jideButton	JideButton	
jideBorderLayout	JideBorderLayout	
jideBoxLayout	JideBoxLayout	
jideMenu	JideMenu	Use a closure with 'customize' attribute to create a PopupMenuConfigurer
jideOptionPane	JideOptionPane	
jidePopup	JidePopup	
jidePopupMenu	JidePopupMenu	
jideScrollPane	JideScrollPane	

jideSplitButton	JideSplitButton	Use a closure with 'customize' attribute to create a PopupMenuConfigurer
jideSplitPane	JideSplitPane	
jideTabbedPane	JideTabbedPane	
jideToggleButton	JideToggleButton	
jideToggleSplitButton	JideToggleSplitButton	Use a closure with 'customize' attribute to create a PopupMenuConfigurer
labeledTextField	LabeledTextField	
left	JPanel	JideSwingUtilities.createLeftPanel
listDataIntelliHints	ListDataIntelliHints	Needs 'textComponent' and 'completionList' attributes, Additional attributes may be set on the wrapped component
listSearchable	ListSearchable	Wraps an existing JList with 'list' attribute Will create an internal JList if 'list' is omitted Additional attributes may be set on the wrapped component
meterProgressBar	MeterProgressBar	
multilineLabel	MultilineLabel	
multilineToggleButton	MultilineToggleButton	
multiplePageDialog	MultiplePageDialog	
multiplePageDialogPane	MultiplePageDialogPane	
nullButton	NullButton	
nullCheckBox	NullCheckBox	
nullJideButton	NullJideButton	
nullLabel	NullLabel	

nullPanel	NullPanel	
nullRadioButton	NullRadioButton	
nullTristateCheckBox	NullTristateCheckBox	
paintPanel	PaintPanel	
partialEtchedBorder	PartialEtchedBorder	
partialGradientLineBorder	PartialGradientLineBorder	
partialLineBorder	PartialLineBorder	
partialLoweredEtchedBorder	PartialEtchedBorder	
partialRaisedEtchedBorder	PartialEtchedBorder	
pointSpinner	PointSpinner	
popupMenuCustomizer	DefaultPopupMenuCustomizer (from JideBuilder)	Use 'closure' attribute to define the body of customize()
rangeSlider	RangeSlider	
resizableDialog	ResizableDialog	
resizableFrame	ResizableFrame	
resizablePanel	ResizablePanel	
resizableWindow	ResizableWindow	
right	JPanel	JideSwingUtilities.createRightPanel
scrollableButtonPanel	ScrollableButtonPanel	
searchableBar	SearchableBar	Wraps an existing Searchable with 'searchable' attribute Additional attributes may be set on the wrapped component
simpleScrollPane	SimpleScrollPane	
splitButtonGroup	SplitButtonGroup	

standardDialog	DefaultStandardDialog (from JideBuilder)	Use 'dialogBannerPanel, 'dialodContentPanel' and 'dialogButtonPanel' to provide additional configuration for each panel
styledLabel	StyledLabel	
tableSearchable	TableSearchable	Wraps an existing JTable with 'table' attribute Will create an internal JTable if 'table' is ommitted Additional attributes may be set on the wrapped component
textComponentSearchable	TextComponentSearchable	Wraps an existing JTextComponent with 'textComponent' attribute Will create an internal JTextField if 'textComponent' is omitted Additional attributes may be set on the wrapped component
titledSeparator	TitledSeparator	
top	JPanel	JideSwingUtilities.createTopPanel
treeSearchable	TreeSearchable	Wraps an existing JTree with 'tree' attribute Will create an internal JTree if 'tree' is omitted Additional attributes may be set on the wrapped component
tristateCheckBox	TristateCheckBox	
jideSvgIcon	ResizableSVGIcon	• path: same as svgResourcePath but allows aliases • trackSize: enables/disables resizing (default: false) • resizePercentage: controls how much the icon will change size, value must be in range 10..100 (default: 100) • retainAspectRatio: controls how resizing will take effect (default: true) • size: alias for 'preferredSize'

Developers

Andres Almiray

Source Control

https://github.com/griffon/jidebuilder

Building

JideBuilder uses Gradle as its build tool.

Contributing

Please contact the Griffon team members by e-mail.

Mailing List(s)

http://griffon.codehaus.org/Mailing+Lists

Issue tracker

http://jira.codehaus.org/browse/GRIFFON