

VISAJ™

THE VISUAL
APPLICATION
BUILDER
FOR
JAVA™

Rapid Interface Building

Runs Anywhere

Dynamically load any
JavaBean

Make Easy work of
Complex Layouts



Download Visaj now www.visaj.com

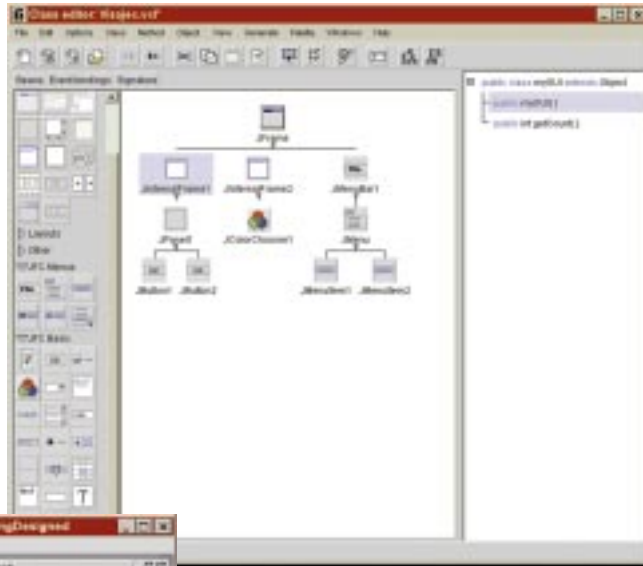
VISAJ

The Visual Application Builder for Java

Visaj pioneers a new style of Java development tool centered on a visual representation of the application. It is written entirely in Java, certified 100% Pure Java and gives developers the ability to create truly cross-platform Java applications, a key accomplishment in the platform-neutral world of the Internet and World Wide Web. Visaj revolutionizes developers' productivity by providing rapid point-and-click creation of user interfaces, layouts, event-wiring and JavaBean programming.

Class Editor

The Visual Class Editor delivers fast construction of Java user interfaces. It provides a point-and-click palette of components and a design tree showing the containment hierarchy to enable you to rapidly build the interface you want. The multi-level undo makes it easy to experiment.



Dynamic Display

The window being designed is live at all times. It behaves exactly as your generated application will.

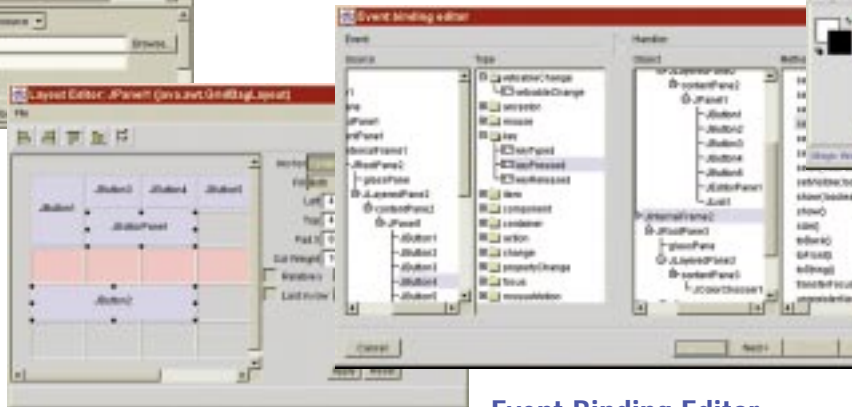


Property Editor

Access to the properties of JavaBeans is fast with Visaj's property editor. The properties are presented in a tree view and are grouped by the inherited superclass. Additional properties to control code generation are also included, such as whether to instantiate or deserialize a Bean.

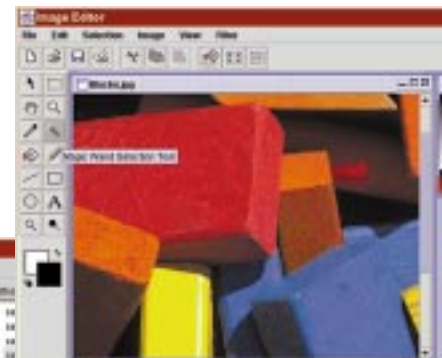
GridBag Layout Editor

The powerful GridBag Layout in Java is very easy to use with Visaj's GridBag Layout Editor. Put together complex layouts in a matter of minutes. As well as being fast to use, you are given full access to all the GridBag properties.



Event Binding Editor

The Event Binding Editor in Visaj lets you easily set up event handling in your application. Simply draw a line between the source Bean and the destination Bean and choose the method to be called in the primed wizard. The methods can have multiple arguments, and the arguments can be JavaBean properties selected from the design.



Run Anywhere

Visaj is certified 100% Pure Java. It will run on any Java platform, and generates 100% Pure Java code.



Visaj delivers a stunning ability to visually create your applications and applets:

- Clean code generation
- Intuitive interface
- JFC/Swing support
- Resource Bundle Editor
- Advanced Layout support
- Impressively featured Image Editor
- Bridge from legacy Motif applications
- Serialize your JavaBeans
- Open architecture for IDE and other tool integration

Image Editor

The impressive image editor can create stunning effects with ease. Designed to work with simple icons or full scale images, anyone can create professional looking images. There are tools to do everything from flood fill to color gradients, from image cropping to floating text, and special effect filters for more ambitious image manipulation. The image editor delivers functionality you would expect from a high-end graphics package.

Border Layout Editor

The Border Layout Editor makes it quick to reposition components in a container. Simply drag the component to where you want it.

Dynamically load any JavaBean

Dynamically load JAR files to add JavaBeans to the palette.

Dynamically wire JavaBeans

By simply drawing a line between JavaBeans, a wizard is primed with the appropriate properties and methods selected.

See your application live as you build it

The user interface you are building is live at all times. Any live data in a JavaBean is active in the dynamic window.

Make easy work of complex layouts

The powerful Layout Managers of Java are easily mastered using Visaj's advanced layout editors.



Visaj WorkShop:

Visaj WorkShop is a full Development Environment based on Sun's Java WorkShop and IST's visual interface builder, Visaj.

It enhances developers' productivity by providing a point-and-click environment for building pure Java applications, reducing the amount of time spent on hand-coding.

- Runs on UNIX as well as Windows
- Build JavaBeans, Internet and Intranet Java applets, servlets, and applications faster
- Target the latest Java 2 and Swing

Visaj WorkShop - Benefits

- Multi-platform support. Runs on UNIX as well as Windows
- User interface building
- Point & click
 - live window
 - dynamic event wiring
 - advanced layout editors
 - image editor
- Built-in Editor
 - integrated editor
 - syntax highlighting
 - auto indentation
 - popular key bindings
- Debug multi-threaded applications
 - Debugger has
 - visual controls
 - evaluations
 - multithreading
 - remote debugging
- Full Java 2 and Swing support
- Profiler
 - tune your application with Java Profiling
 - method inspection
 - CPU time
 - call counts
- Navigate directly from compile time errors to the affected source line
- Very Fast JIT compiler:
 - fast java compiler
 - Java 2 support
 - easy link to source
- Portfolio/Project Manager
- Version control integration
 - SCCS
 - RCS
 - PVCS
- Create JavaBeans

See overleaf for the full technical specification

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Visaj - Features

- **Code Generation**
Design your application visually. Visaj generates all the Java code, so no developer time is wasted coding a user interface. Written totally in Java, Visaj runs anywhere where Java runs, integrates with any JavaBean, and generates 100% Pure Java code.
- **Intuitive Interface**
A true WYSIWYG view of Java development. One of the crucial areas of putting together a Java application is the user interface. IST's Visaj includes a visual builder that outperforms any other. It is easy to use, and makes prototyping fast and development more productive.
- **JFC/Swing Support**
Visaj works with both Java 1 and Java 2. Full Java Foundation Class (JFC) Swing support is provided for both Java 1 and Java 2. This includes a layout editor for the BorderLayout, and access to the children of composite components.
- **Resource Bundle Editor**
Take advantage of Java's support for Internationalization using Visaj's Resource Bundle Editor. Build up a table of variants for all languages your application supports, and Visaj will generate the necessary Java files for you.
- **Advanced Layout support**
The Visual Class Editor is the easiest and most intuitive way of constructing a Java user interface. It has a point-and-click palette of components and a design tree showing the containment hierarchy. To meet Java's promise of complete portability of your application across all platforms, your application needs to take full advantage of Java's layouts (Border, GridBag, etc.). Visaj delivers a powerful set of visual layout editors to make even the most deeply nested layouts easy to design.
- **Advanced Image Editor**
Create impressive images and icons with Visaj's Image Editor. You can load existing images or create your own special filters to produce unusual and interesting effects. The text tool lets you add text in a font and style of your choosing. The Image Editor reads and writes many image formats.
- **Open Architecture for IDE and other Tool Integration**
Visaj is the ideal companion to any Integrated Development Environment (IDE) as it provides advanced visual building capabilities usually neglected by standard IDEs. The product's open environment enables it to work with any IDE.
- **Bridge from legacy Motif Applications**
Used with IST's award-winning X-Designer Motif GUI builder, Visaj gives programmers the ability to migrate even hand-coded legacy Motif user interfaces to Java.
- **Diamond JavaBeans**
Visaj includes IST's rich set of visual JavaBeans, called Diamonds. These provide controls and layouts such as Splitter, ToolBar, and Book.

Other Features

- Complex dialogs constructed in minutes
- Full JavaBeans support
- Generic bean property editing facilities
- Intuitive view of containment hierarchy
- Point-and-click interface
- Event Editor, add and play event bindings dynamically
- Class structure view
- Fast structuring of Java code
- Internationalization support
- Protected comments in generated code
- Configure your own component palette
- Multi-level undo
- Serialize your Beans
- Extensible architecture
- Java 2 ready

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Visaj WorkShop - Features

Visaj WorkShop is a complete, easy-to-use Integrated Development Environment (IDE) for building applets and applications and components based on the JavaBeans architecture. A tight integration of tools mean you can test, debug and profile your programs all from within the IDE. Visaj WorkShop is a fully supported development environment that brings together the benefits of IST's visual application builder with the powerful debugging environment of the latest Java WorkShop from Sun. Its features include:

- **Visaj Visual Java Builder**
With its dynamic display and feature-rich facilities for constructing GUIs and assembling JavaBeans, Visaj is the clear technology leader in its field.
- **SwingBridge Migration to import Java WorkShop 2.0 GUI Designs**
Import any legacy Java WorkShop 2.0 GUI design and at a touch of a button generate Swing code. An imported design can be manipulated within Visaj with all its Shadow classes visible. This can be converted to a standard Visaj design at any time. The migration removes any dependency on proprietary libraries.
- **Java Profiler to identify performance tuning opportunities**
Boost the performance of your application. Display the performance analysis data graphically, or statistically and save them for later comparison. JDK components can be filtered out of the statistics or graph in order to concentrate on the modules you can modify.
- **Wizard to streamline Java Project building**
Create projects for applets, standalone programs, Java packages, or JavaBeans. The wizard will automatically create the necessary JAR file or Java code to support your chosen target.
- **Portfolios and Projects to manage Sources**
Visaj WorkShop's portfolios and projects provide a useful grouping of source files to manage the different applications, programs and Beans under development.
- **Project Hierarchy Maker to import Java applications**
Bring any existing Java application into Visaj WorkShop. WorkShop will automatically create all the necessary sub-projects to reflect the structure of the imported sources.
- **Program Source Editor**
The editor is closely integrated with the compile cycle. Compile time error messages are hyperlinked straight to the offending source line in the editor. Syntax highlighting, auto indentation and support for popular key bindings are all provided.
- **Build Manager to construct programs**
Visaj WorkShop's intelligent Build Manager will rebuild only those parts it needs to deliver a fast compile-debug-run cycle.
- **Fast compiler**
Visaj WorkShop includes a highly optimized compiler that is fast to run.
- **Graphical debugging**
The excellent debugger in WorkShop allows you to step through each line of code as it is executed. The debug process is speeded up with advanced features that include conditional breakpoints, counted breakpoints, data evaluation and the ability to examine the values of variables as the application executes. Visaj WorkShop multithread debugging capability includes full access to system threads, and remote debugging across a network. All the standard Java exception classes are listed, and you can define whether to break or ignore individual exceptions.
- **Online Help**
Help is available throughout Visaj WorkShop using the latest JavaHelp technology.
- **Support for both UNIX and Windows source code management systems**
Visaj WorkShop provides built-in support for PVCS on Windows, and SCCS and RCS on UNIX.

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