



The fastest GUI Development tool.

Conga

rocks!

**Run anywhere.
Develop anywhere.**

Conga is an all Java-based, graphical user interface development program that is platform independent, and allows for code-free development. Conga is visual. It lets designers design and programmers program, vastly speeding up development while lowering costs.

Our software applications are created with open architecture in mind, and are dedicated to keeping the doors of development open to all platforms. With Conga, Open Doors takes you one step closer to the promise of write once, run anywhere, on every desktop.

The Beat Goes On.

Conga is a well-designed, cutting edge, user friendly, rapid application development (RAD) tool aimed at creating visual user interfaces. Created as Bongo by the founders of Marimba, Conga is not based on AWT or Swing, which are difficult libraries that fundamentally slow the "concept to design" process. Conga has evolved as the intelligent alternative for GUI design.

The Beauty of Conga is that it's only skin deep.

You don't have to be a programmer, with a degree in a technical discipline, such as Computer Science, to develop visual user interfaces with

Conga. Conga's object-oriented structure allows content designers to point and click, drag and drop their way through a rich selection of fields and widgets. This front-end design approach allows for a very fast concept to demo "skin" that would previously only have been accomplished by a specialized team of Java engineers. The functional skin can then be easily bolted onto any back-end business application. This keeps designers designing and programmers programming, which is a lot more cost-effective and time-saving than the other way around.

Conga's hard to beat.

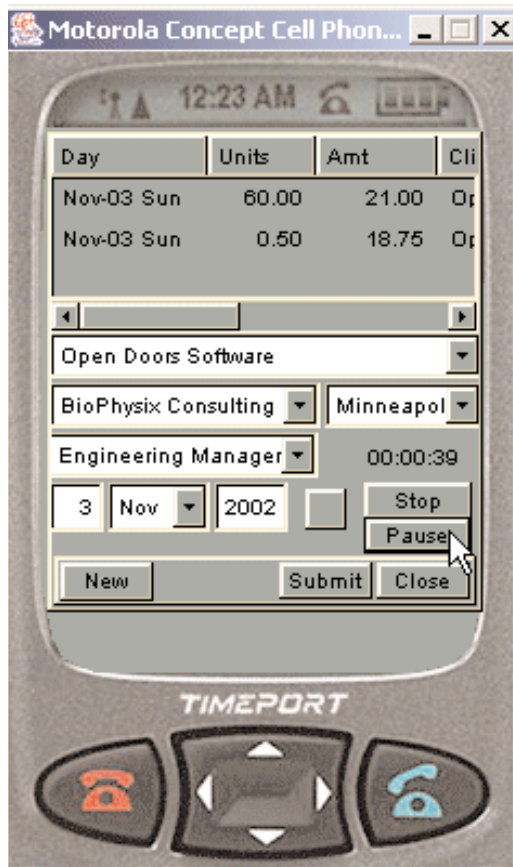
Use Conga to design skins for call centers, customer service apps, and front end utilities. Develop skins for your Java device in a fast and efficient manner.

Conga encompasses numerous advantages over Microsoft's Visual Studio.

- Multi-Platform Deployment
- Enforces Model-View-Controller Development
- No Code Generation
- Scriptability for Quick Prototyping
- Flexible Development Options
- Internationalizable and Localizable
- Seamless Editing/Running Modes
- Nearly 60 Ready-to-Use Widgets

Reduce Your Software Development Costs.

Software projects incur unnecessary cost when they employ engineers to develop graphical user interfaces. This creates several downsides in the development and production of software.



open doors
software

Always open for business.



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- The company's design resources are not included in the project execution.
- Programmers are doing user interface development.
- Adds unnecessary time to demo and project completion.

Bottom line: cost of software development needlessly increases.

Conga Architecture

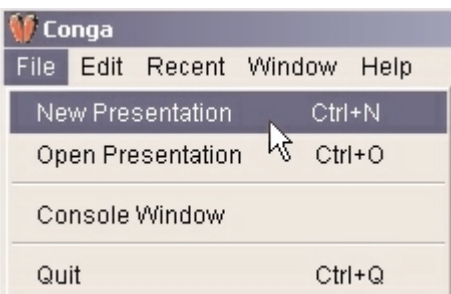
Conga contains four operating components:

1. Palette of Widgets
2. Property Editor
3. Script Editor
4. Presentation Browser/Editor

These four components make it easy for content designers to build visual interfaces without having to do any coding at all.

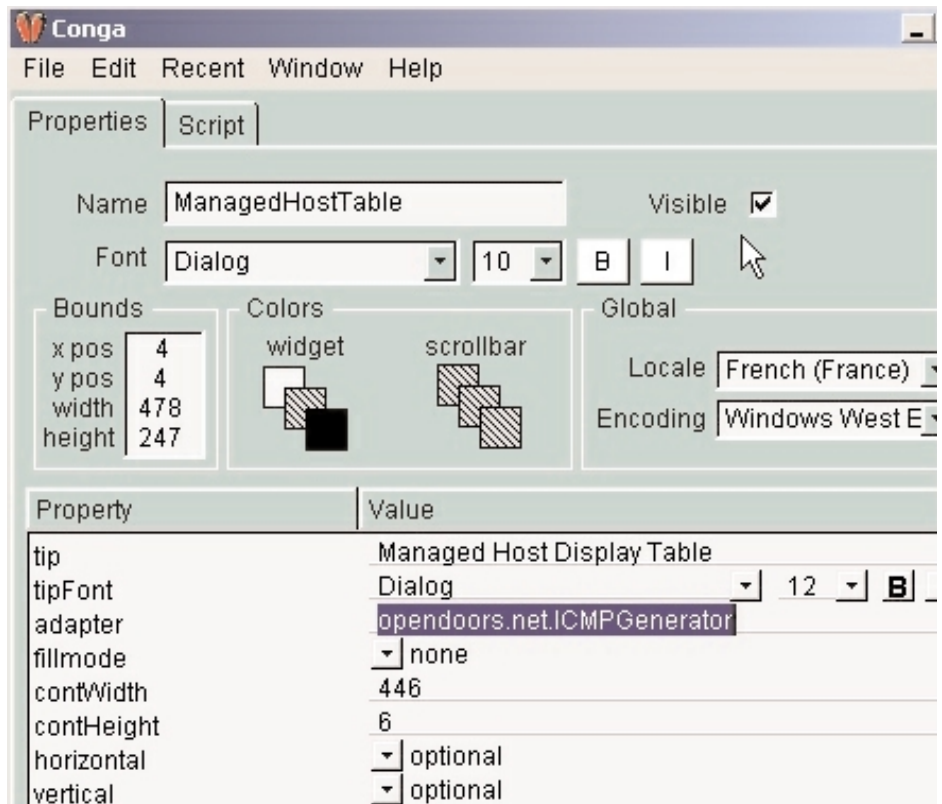
Multi-Platform

Since Conga was written entirely in Java, it is platform independent and can be used for any type of operating system that has a Java Runtime Environment (JRE) installed. Create a front-end application in Conga and watch it run on the Mac, Windows, UNIX, Linux, or any JRE compliant.



Enhances Model-View-Controller Development

One of the inherent benefits of using Conga over any other GUI builder is the fact that its developers adopted the right type of strategy for its technical architecture. This strategy was to enforce the Model-View-Controller



(MVC) design pattern. By enforcing MVC, different roles are assigned to different skill sets. Conga permits the designer to concentrate on the view layer and remain independent of controller and model development.

The "Model" pertains to the application's business model that incorporates business rules, and makes sure that those rules are enforced. A skin in Conga is called a "presentation." This is the "View" in the MVC pattern. Conga enforces strict separation of a presentation, the view, from all other elements of an application. Content designers only work with a Conga presentation.

No Code Generation

Unlike Visual Basic and some IDEs (which generate proprietary source code), Conga does not generate code. This frees companies from using programmers to maintain GUI

code. This makes Conga much more secure and robust compared to Visual Basic, which generates line upon line of mechanical code.

Scriptability For Quick Prototyping

Conga references the Java compiler to compile, verify, load, and save interpreted bytecode inside a widget. These small pieces of code are used to alter presentation behavior. For example, a content designer might script a form field to change color when the validation of the field fails.

Flexible Deployment Options

Another inherently powerful feature of Conga is the fact that its platform-independent skins are very easy to deploy. In the robust world of Java technology, compiled Java bytecode can be combined with Conga skins to create a Java archive, more commonly referred to as a JAR file.



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Content designers and software developers will save lots of time and money by placing completed Conga presentations (images, sounds, skins) into a jar format and then deploying the jar file to the target operating system. Thus, Conga is not only an easy-to-use product for development but also for deployment.

Internationalization and Localization

Conga has built-in support for the use of language resource files and all encodings provided by the Java Virtual Machine.

Also, it supports all locales allowing for automatic skin changes in the representations of locale specific elements, such as dates and currencies.

Seamless Editing/Running Modes

With Conga, editing and running a presentation are done in the same session. There are two modes: Edit and Browse. The Browse mode shows the presentation as the user will use it. Switching between modes is as simple as a mouse click.

Nearly 60 Ready-to-Use Widgets

There are eight categories of widgets. These widgets offer a wide variety of graphics including buttons, text boxes, menus, and more.

One For All, All For One

One of the many hurdles software development projects face is the choice of development tools for your preferred desktop and operating system. With Conga, your development options are wide open regardless of your deployment platform. You can preserve your development environment with Conga and deploy, for example, to low cost Linux desktops.

Developers Rejoice

Java engineers will love Conga because of its strong Object-Oriented architecture. AWT and Swing are respectively primitive and complex for developing a fully functional GUI. The beautiful thing that developers will love about Conga is the fact that its base class, Widget, extends from the primordial Java class, Object. Additionally, programmers have total freedom to create new widgets by extending Widget or one of its many subclasses.

Despite the fact that Conga does not generate any code, it does allow designers to write scripts in order to create presentation behavior. This is a powerful feature because the scripting language is none other than Java itself. Scripting in Conga is a powerful convenience for programming teams and content design teams. Scripting is optional.

With Conga, simple presentation behavior is easy to script. Four life-cycle methods are defined for every widget:

1. init()
2. start()
3. action()
4. destroy()

A scripter will normally override one of the above methods with code to alter presentation logic. For example, a script for a button might look as follows:

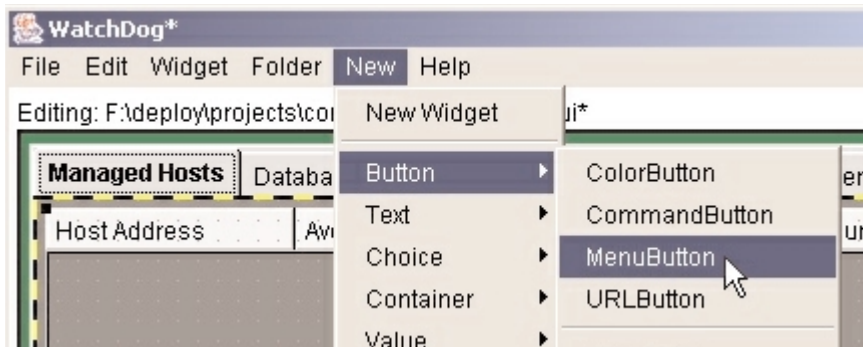
```
Widget dialog;

public void init() {
    super.init();
    dialog = getWidget("Dialog");
}

public void start() {
    super.start();
    dialog.hide();
}

public void action() {
    super.action();
    dialog.show();
}
```

Content designers and programmers alike will appreciate exposing the Java compiler for the creation of small snippets of presentation behavior.



The Conga Widget Set

ContainerWidget

Group, Page, Popup, Tip, PopupMenu, DropDownMenu, ControllerGroup, GroupBox, Folder, Window, ScrollingContainer, List, Tree, Layout Manager, Divider, Table, and SparseTable.

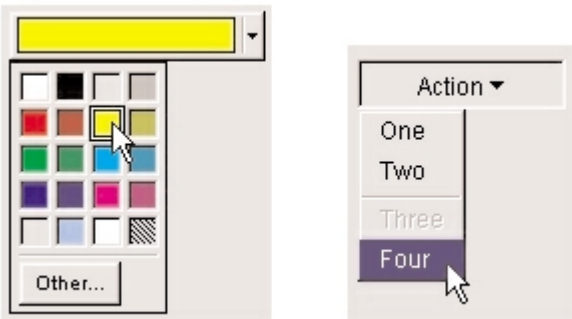


Folder Widget

Table Widget

ButtonWidget

CommandButton, MenuButton, URLButton, CheckBox, Option, ColorButton, FlatButton, MultiLineButton, FlatColorButton, FlatMenuButton, Toolbar and ToolbarButton.



Color Button Widget

Menu Button Widget

TextWidget

TextBox, StaticTextBox, RichTextBox, Label, URLText, DateField, and IntegerField.



Text Box Widget

URL Text Widget

ChoiceWidget

Listbox, DropDownListbox, DropdownComboBox, FlatDDComboBox, Font Choice, and SmartDDLListbox.

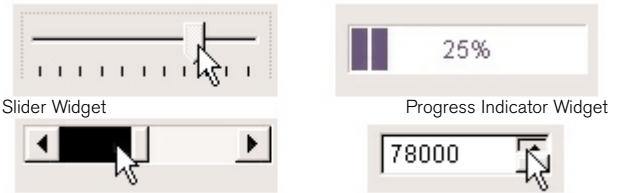


List Box Widget

Font Choice Widget

ValueWidget

Scrollbar, Slider, Spinbox, and ProgressIndicator.



Slider Widget

Progress Indicator Widget

Scrollbar Widget

Spinbox Widget

AnimatedWidget

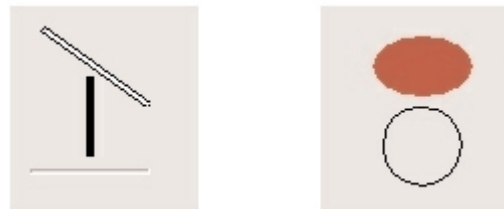
AnimatedText, Animated Image and AnimatedGIF.



Animated Widget with Property Settings

ShapeWidget

Line, Oval, Rectangle, Pixel, and Triangle.



Line Widget

Oval Widget

ResourceWidget

Image, Audio, Presentation, Clock, and Calendar.



Image Widget with Button Widget Overlays

How to Start Using Conga Today

Visit <http://opendoors.com> today and download Conga under a no-questions-asked money back guarantee. Conga not only makes development productive but really fun as well.



About Open Doors Software

Open Doors Software was founded in 1997. The company is dedicated to open application development and deployment and the tools which favor this philosophy over platform lock-in. The company is incorporated in Minnesota with offices in Minneapolis and San Diego. For further information, please do not hesitate to contact Lane Sharman, CTO, at **858-755-2868** or Michael Hetz at **619-298-3500** for marketing and sales.

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