
Welcome to Tango

Tango is a full-featured visual development tool that integrates your Web server with a SQL database system. Tango Editor's intuitive interface lets Web administrators construct Web/database solutions in minutes and hours rather than the days and weeks it would normally take to program custom CGIs in C, AppleScript or Perl.

As a way of introducing you to the benefits of Tango, take a moment to consider the following applications for which Tango is ideally suited.

Shopping Basket

Most industry pundits agree that the Internet is becoming one of the most influential factors in commerce. The Internet provides a low cost method of marketing your existing products or services, and opens the door to opportunities that, prior to the Internet and World-Wide Web, were not feasible to bring to market.

In a grocery store, customers browse through products stacked on shelves, place the products they want to purchase into a shopping basket, then head to a cashier to pay the bill. In a Web-based shopping basket solution, the shelves are replaced by searchable and browseable on-line product catalogs, and the cashier by an entry form customers use to record their name, address, billing, and shipping information.

In the online shopping example, users go to the Web site, search through a catalog of products or services (complete with pictures, technical specifications, demos, etc.) and place orders for the products or services they want. Once they have finished browsing the catalog, they can enter their shipping information and credit card number (which can be securely authorized and stored), and the products will be shipped to them.

Event Listing/Registration

Are you responsible for running seminars or other events? Why not let people register for them online?

An event registration system can maintain an up-to-date listing of current and future events, the registration fees and the maximum number of attendees allowed for a specific event such as a seminar. A user can look at this information, and sign up for events that still have space, and enter their required registration information and credit card number. Detailed reports for each event can then be sent to the event manager, outlining all the relevant information in a format that the manager can easily understand.

Conferencing/BBS

A conferencing/BBS system can be very useful for an organization to provide a forum for discussion on various topics. Now you can have a system

available to your users across the Internet. Set up conferences by category, enable users to search for specific conferences or discussion subjects, allow for group-reply or to e-mail a single user, and archive conference discussions for use in bulletins or FAQs.

Product/Service Catalogs

Even a simple solution such as a product catalog can be very attractive to users who come to your site. Whether it be for widgets or houses (yes, even an on-line MLS Real Estate Listing service can be created!), your users will appreciate being able to quickly search for what they are looking for, get the information they need, and make an educated decision.

These are just a few of the many useful solutions you can create with Tango. Of course, you can also use it for fun. Even games can be developed for your Web site using Tango. The possibilities are endless!

Make your Web site stand out from the crowd; dance a Tango solution across the pages.

Glossary of Terms

Below are some terms that are used throughout the Tango documentation. For more information on each, see the Tango Reference Guide.

Tango Editor – The graphical development environment used to create query documents.

Tango CGI – A common gateway interface application that links a Web server to Butler SQL. The CGI receives requests from web users, queries the Butler SQL server, and returns results. The specific CGI actions are controlled by query documents.

query document – Query documents contain detailed instructions on what actions to perform when called by a web user and how to format HTML results.

query builder document – Query builder documents can be used to easily and automatically generate query documents which perform common database functions. You don't need to write any HTML or SQL to generate query documents with query builders.

System Requirements

Tango Editor can run on any Macintosh or Power Macintosh running System 7.5 or greater and with 4MB of available RAM.

Tango.acgi can run on any Macintosh or Power Macintosh running System 7.5 or greater, and 2MB of available RAM.

You will also need Butler SQL v1.5.5 or greater, WebSTAR 1.2 or greater, and appropriate network hardware and software.

Installing Tango

Installing Tango is easy; just follow the steps below and you'll be up and running in no time!

1. **Run the Tango Installer on your WebSTAR server.**

If you received Tango with your Butler SQL package, Tango is installed by running the Butler SQL Installer. You can install Butler SQL and Tango on different machines. To do so, run the Installer on both machines and select the desired software for each by clicking Custom in the main Installer window.

2. **Move the installed Tango folder to the same folder as the WebSTAR server application.**
3. **Copy the contents of the Databases folder to the Public Databases folder in the Butler Preferences Folder on the Butler SQL server Macintosh.**
4. **Ensure that the Butler SQL application is running, either on the WebSTAR server Macintosh or on another machine connected to the network.**

If you are running Butler SQL on a machine other than the WebSTAR server, you must turn program linking on in the Butler SQL server's Sharing Setup control panel, and enable program linking for guests in the Users & Groups control panel.

5. **If Butler SQL and the WebSTAR application are running on the same Macintosh, skip to step 10.**
6. **On the WebSTAR server, open the ButlerHosts Data file in the Preferences folder inside the System Folder.**
7. **Double-click the host called "Butler SQL".**
8. **Click Configure, and modify the Host so that it points to the Butler SQL server.**

Select the AppleTalk zone, if any, of the Butler SQL server Macintosh, the name of the Butler SQL server Macintosh, and then the name of any item appearing in the Programs list. Click OK when you're done.

9. **Save the ButlerHosts Data file and close ButlerHosts.**
10. **Restart the WebSTAR server.**
11. **Launch WebSTAR.**

That's it! If you want to take a look at a few Tango demos, type in the following URL:

`http://your.web.server/Tango/default.html`

where "your.web.server" is the domain name or IP address of your Web server.

The Tango demo folders must remain in the Tango folder, and must not be renamed. If you do rename the folders, you may have to reconfigure some references within the query documents and .html files.

Getting Started with the Demos

Included with Tango are several demos that you can run on your Web server. Each is a demonstration of a different solution created using Tango.

- **Classifieds** - Demonstrates an on-line classifieds listing service.
- **Cars Demo** - Demonstrates a product catalog for an automotive reseller.
- **Event Registration** - Demonstrates a simple on-line registration system for an event, including a registrants look-up example.
- **Conferences/BBS** - Demonstrates a conferencing system that tracks discussion threads in a database for future reference.
- **Seminars** - Demonstrates a seminar information and registration system, including administrative functions.
- **Hangman** - Yes, the game. Makes use of Maestro, the first Tango plug-in, for generating random numbers.

These demos are ready to run when you install Tango and Butler SQL. To try them out, follow the installation procedure above, then type in the following URL from your Web browser:

`http://your.web.server/Tango/default.html`

where "your.web.server" is the domain name or IP address of your Web server.

We hope you enjoy the demos. For more, check out EveryWare's Web site at <http://www.everyware.com/>.

Technical Support

There are a number of different ways you can contact us for technical support. You can reach us by phone at (905) 819-1173 x236, through EveryWare Online, our FirstClass BBS at (905) 819-9891, our Web site at <http://www.everyware.com/> or by emailing support@everyware.com.

This guide is designed to get you started with Tango quickly. It's not designed to answer all your questions. Please refer to the complete documentation included with Tango for more information.

The Tango-Talk Mailing List

We encourage you to join our internet mailing list, Tango-Talk. Many hundreds of Tango users will read and answer your questions. The mailing list is the ideal place to discuss your ideas with other interested Tango customers.

The following are instructions on how to join the Tango-Talk mailing list, and how to participate

Commands to subscribe and unsubscribe must be addressed to:

`tango-talk-request@lists.everyware.com`

This list supports the following commands. These commands must be the text in the **subject** field of your mail message.

subscribe

Your address will be added to the list of subscribers. You will then be able to send messages to this list that will be forwarded to all other list subscribers.

unsubscribe

Your address will be removed from the list of subscribers. You will no longer be able to send messages to the members of the list.

help

A help message on how to use the list will be returned.

Contacting Us

We can be contacted at:

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