

# GSubmit: Simple Customization of your SAS® Application Toolbar in SAS for Windows®

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## ABSTRACT

Have you ever wanted to delete all your working SAS datasets without closing your SAS session or without having to type "proc datasets kill; run; quit;"? Do you have a SAS program that you run often but you don't like to search for it in your directories? Ever wished you could execute a proc print without typing? Well, there is a simple way to add a customized button to your Application Toolbar that will run a specific SAS program or SAS code – all at the click of your mouse.

## BACKGROUND – APPLICATION TOOLBAR

The Application Toolbar is the series of icons along the top of the display manager along the top of the display manager window in the SAS System that allows the user to do such things as Save, Open File, Print, and Submit. Each window (editor, output and log) has its own Application Toolbar. When adding a GSubmit button, be sure the Editor window is active; this is the Application Toolbar that will be modified.

## ADDING A TOOL (OR BUTTON)

Click the "Tools" menu, then choose "Customize..." and then choose the "Customize" tab. An alternative method would be to right click anywhere on the Application Toolbar in the Editor window and select the "Customize..." option and again, choose the "Customize" tab.

To add a tool, click the "Add Tool" button: . A blank tool will automatically be placed directly above whichever tool was highlighted when the "Add Tool" button was clicked.

## CUSTOMIZING THE NEW TOOL

Once the "Add Tool" button has been clicked, a command needs to be associated with this button. To do this, type in the "Command" box the code to execute. For example: `gsubmit "<sas code here>"`.

The code in the quotes is what will be executed when the new button is clicked. Any text placed in the "Help Text" box is what will be displayed on the status line when the cursor is placed on that icon. To provide text that will be displayed when mousing over the icon, enter it in the "Tip Text" box. Both the "Help Text" and "Tip Text" boxes are optional.

After the command has been entered, an icon must be assigned to the tool. Click the  "Change Icon" button. Scroll through the icons in the Bitmap Browser to select an icon that is appropriate for the code that it will execute.

To modify the location of the button, use the black arrows (next to the "Change Icon" button) to move the new tool along the Application Toolbar. By clicking the drop down arrow just to the right of the "Add Tool" button, a separator (or simply a vertical line) can be added. A separator can be a helpful way to group certain types of tools. The black 'X' can be used to remove any unwanted buttons.

Once the command has been entered and an icon has been selected, click the 'OK' button to save the new tool to the Application Toolbar. Click 'Yes' when prompted to save the changes. The new tool/button is now active and will execute the code in quotes when the icon is clicked.

## SAMPLE USAGE

```
gsubmit "proc print; run;"
```

Clicking the icon will perform a proc print for the last dataset that was executed. This can be useful for viewing the data without typing the necessary code.

```
gsubmit "%include 'c:\sas\programs\daily_reports\table1.sas'"
```

When clicked, this icon will run the program table1.sas located in the specified directory. This is particularly useful for the programs that are run often.

```
gsubmit "proc datasets library=work kill memtype=data nolist; run; quit;"
```

This icon will clear all the SAS working datasets for the current SAS session when clicked.

**SUMMARY**

Adding customized tools to the Application Toolbar can be helpful and convenient. With the click of the mouse, any SAS code can be executed.

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**CONTACT INFORMATION**

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