

What is the preferred way to add code for handling a push-button click or key press?

There are 3 ways to tie code to the action of a user hitting a push-button.

From most preferred to least preferred they are:

1. Double-click on the control to add a Link To paragraph (or add it by clicking on Link To in the properties view), and enter a number for the exception-value property
2. Add a cmd-clicked exception paragraph (automatically adds an Exception procedure)
3. Add a cmd-clicked event paragraph (automatically adds an Event procedure)

Functionally, the difference between Link-To and Cmd-Clicked procedures is that Link-To allows you to manually assign an exception value. You do this by entering the number of your choice (values greater than 100 are common) in the exception-value property field. If I enter an exception-value of 1000 then the generated code looks something like this:

```
is-screen-3-proc.          perform until exit-pushed          accept screen
-3          on exception perform is-screen-3-evaluate-func          end-accept
          end-perform.          destroy window-handle.          initialize key-status
.          is-screen-3-evaluate-func.          evaluate true          when exit-pushed
          perform is-screen-3-exit          when event-occurred          if even
t-type = cmd-close          perform is-screen-3-exit          end-if
          when key-status = 1000          perform screen-3-pb-2-link-to          en
d-evaluate.          move 1 to accept-control.          is-screen-3-exit.          set e
xit-pushed to true.          screen-3-pb-1-link-to.          modify screen-3-lb-1 item-
to-add "Hello".          .
```

With manually assigned exception values it is possible to have a menu entry and/or function key generate the same exception value so that the user could perform the function in more than one way. In fact, "Link To" is the preferred way to specify a paragraph to execute when the user selects a menu entry.

Online URL: <https://support.veryant.com/support/phpkb/article.php?id=131>