



# HCA Tech Note 128

## Message Popups from programs

The **Request-Input** VP element displays a popup dialog (called a “message box”) on a client machine to allow a person to input information and then return that information to the program that started it.

In addition to the choices documented in the User Guide there are additional options to inform the user of an action or to request a simple yes/no answer.

There are seven variants of these message popups that contain either one or two buttons and show either a Stop, Warning, or Information icon. The text shown in the display is split across as many as 12 lines of text. If the text contains embedded line break characters (given as these 4 characters “/r/n”) a new line in the display is started.

In addition, each message popup has a header whose text can be specified, and if the dialog has two buttons, the text on those buttons can be specified as well. Embedded expressions can be placed in the expression text, as usual, surrounded by % characters.

The screenshot shows the 'Dialog' configuration window with the following settings:

- Type: User Message
- Header Text: All Done
- Body Text: Operation completed.
- Message Box Type: Warning Confirm [default is Yes]
- Left Button Text: Yes
- Right Button Text: No

A program can perform different actions based upon how the message box was removed from the screen. The next element after the request-input element is specified in this section of the program element properties:

The screenshot shows the 'Timeout and Failure' configuration window with the following settings:

- Enable timeout at 30 seconds
- Stop timeout on first user entry
- On timeout or user cancel, continue with next element
- On timeout or user cancel, continue at connector element 1

For messages boxes with a single button, the dialog can be closed in three ways:

1. The user taps the button
2. The user closes the message box with the upper right corner [x]
3. The timeout is reached



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Case #1 is handled by continuing to the element following the Request-Input element. Cases #2 and #3 continue at the specified cancel element as configured in the dialog section shown above.

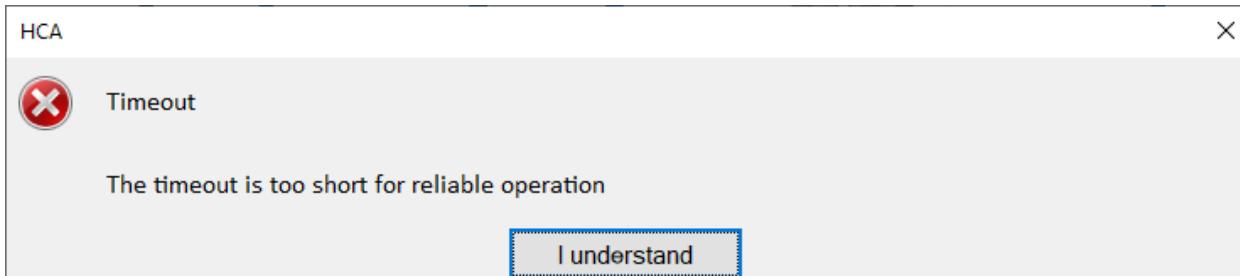
For messages boxes with two buttons, the dialog can be closed in three ways:

1. The user taps the left button
2. The user taps the right button
3. The user closes the message box with the upper right corner [x]
4. The timeout is reached

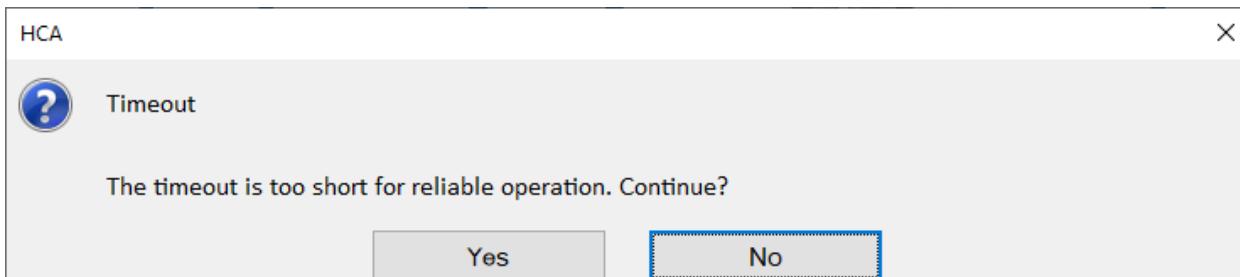
Case #1 is handled by continuing to the element following the Request-Input element. Cases #2, #3, and #4 continue at the specified cancel element as configured in the dialog section shown above.

## The seven variants of the message box

User Message – Stop



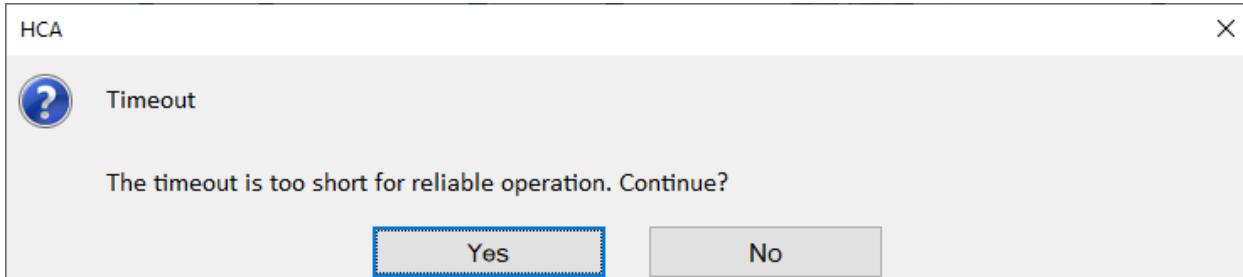
User Message – Confirm (default right button)



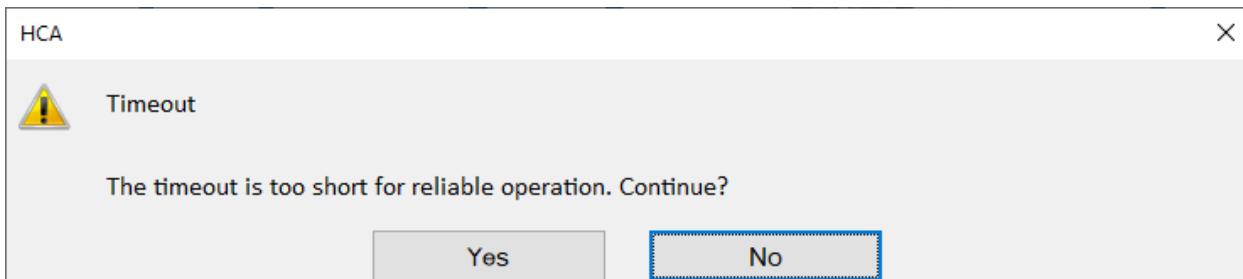


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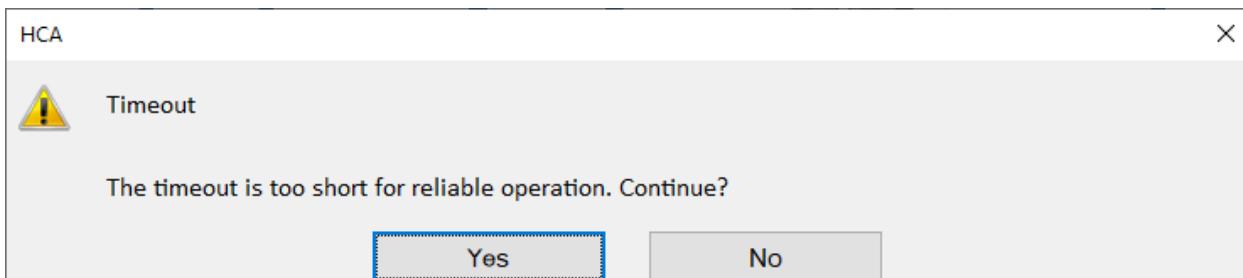
User Message – Confirm (default left button)



User Message – Conform Warning (default right button)



User Message – Warning Confirm (default left button)





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## User Message – Information

HCA X

 All Done

Operation completed.

I understand

## User Message – Warning

HCA X

 All Done

Operation completed.

I understand

##end##