

All About The PAUSE Command





R:BASE eXtreme 9.0 for Windows

All About The PAUSE Command

by R:BASE Technologies, Inc.

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First Edition

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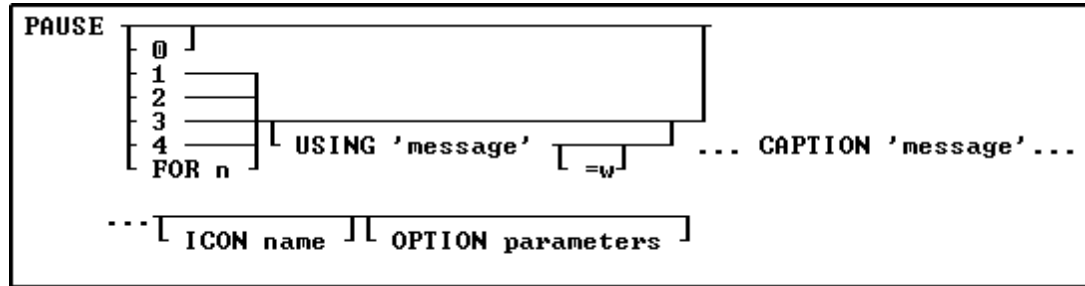
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Part



1 All About The PAUSE Command

Use the PAUSE command to suspend the running of the command file.



Options

0

Pauses without a message.

1

Displays "Press OK to continue" or any message using the USING option in a dialog box. The R> Prompt screen then clears with the next keystroke.

2

Same as the 1 option, except the R> Prompt screen does not clear with the next keystroke.

3

Does not pause the running of the command file and therefore does not wait for the next keystroke.

4

If a PAUSE 3 dialog already exists only the message will be repainted to avoid flickering. Otherwise, this is exactly like the PAUSE 3 option.

FOR n

Sets the pause duration in seconds; **n** must be a positive integer. Any keystroke interrupts the pause, regardless of duration. In the absence of a USING clause, no message is displayed. With a USING clause, the message is displayed in a dialog box

USING 'message'

Displays the specified message in a dialog box. This value can also be passed as a variable.

Using this default parameter the maximum width of message text in a Windows dialog box is 77 characters and is limited to one line. However, if you need to display a multi-line PAUSE window, you can create separate lines with the ASCII characters for a carriage return and indent ([Tab] key). A sample is provided below.



=width










Specifies the wrap width for the dialog box message.

CAPTION 'message'

Specifies the text of the message to display in the dialog box caption. The value can also be passed as a variable.

ICON value

Icon "value" Parameter	Icon
APPS	
ATTENTION	

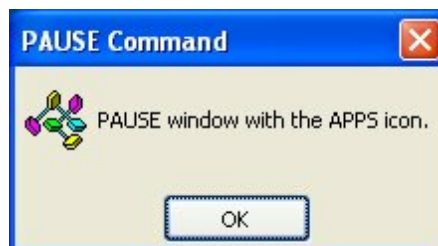
CONFIRM	
ERROR	
HELP	
INFO	
QUESTION	
SERIOUS	
STOP	
WARNING	
WINDOWS	

Additional [OPTION parameters](#)

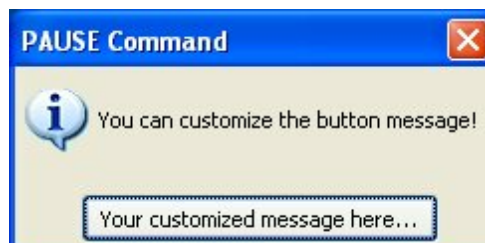
Additional parameters are available to increase the visual display of the PAUSE window. To use the graphic PAUSE Builder, choose "Utilities" > "Plugins" > "Internal Plugins" > "PAUSE Builder" from the main Menu Bar. All OPTION parameters and values must be separated by the "|" (pipe) character.

Examples:

```
PAUSE 2 USING 'PAUSE window with the APPS icon.' CAPTION 'PAUSE Command' ICON APPS
```



```
PAUSE 2 USING 'You can customize the button message!' CAPTION 'PAUSE Command' ICON INFO
INFO BUTTON 'Your customized message here...'
```



-- Standard PAUSE Command with ICON

```
PAUSE 2 USING 'Message Text' +
CAPTION 'Caption Text' +
```

```

ICON HELP OPTION +
BUTTON 'Button Text' +
|BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_COLOR GREEN +
|BUTTON_COLOR WHITE +
|BUTTON_FONT_COLOR GREEN +
|TRANSPARENCY 255

```

-- Standard PAUSE Command with custom ICON

```

PAUSE 2 USING 'Message Text' +
CAPTION 'Caption Text' +
BUTTON 'Button Text' +
OPTION ICON_FILE path\directory\filename.bmp +
|BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_COLOR GREEN +
|BUTTON_COLOR WHITE +
|BUTTON_FONT_COLOR GREEN +
|TRANSPARENCY 255

```

Note: Custom icon to be used in PAUSE option must be 16x16 pixels BMP file.

-- Multi-Line PAUSE Command

```

-- (CHAR(009)) = Tab Key (Indent)
-- (CHAR(013)) = Carriage Return

```

```

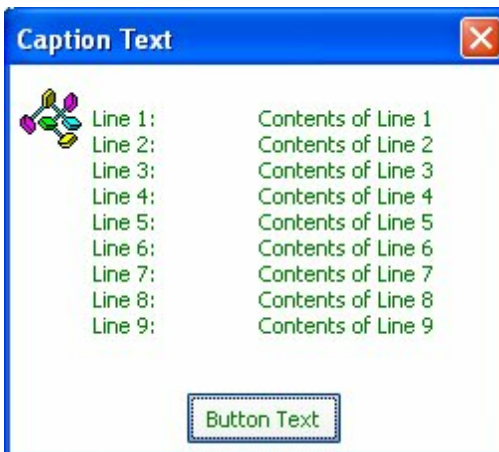
SET VAR vMsg = +
('Line 1:'+(CHAR(009))+(CHAR(009))&'Contents of Line 1'+(CHAR(009))+(CHAR(013)))+ +
'Line 2:'+(CHAR(009))+(CHAR(009))&'Contents of Line 2'+(CHAR(009))+(CHAR(013)))+ +
'Line 3:'+(CHAR(009))+(CHAR(009))&'Contents of Line 3'+(CHAR(009))+(CHAR(013)))+ +
'Line 4:'+(CHAR(009))+(CHAR(009))&'Contents of Line 4'+(CHAR(009))+(CHAR(013)))+ +
'Line 5:'+(CHAR(009))+(CHAR(009))&'Contents of Line 5'+(CHAR(009))+(CHAR(013)))+ +
'Line 6:'+(CHAR(009))+(CHAR(009))&'Contents of Line 6'+(CHAR(009))+(CHAR(013)))+ +
'Line 7:'+(CHAR(009))+(CHAR(009))&'Contents of Line 7'+(CHAR(009))+(CHAR(013)))+ +
'Line 8:'+(CHAR(009))+(CHAR(009))&'Contents of Line 8'+(CHAR(009))+(CHAR(013)))+ +
'Line 9:'+(CHAR(009))+(CHAR(009))&'Contents of Line 9'+(CHAR(009))+(CHAR(013)))

```

```

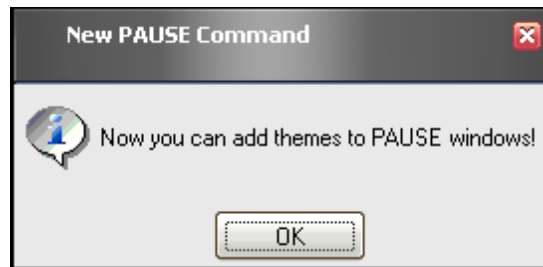
PAUSE 2 USING .vMsg +
CAPTION 'Caption Text' +
ICON APP +
BUTTON 'Button Text' +
OPTION BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_COLOR GREEN +
|BUTTON_COLOR WHITE +
|BUTTON_FONT_COLOR GREEN +
|TRANSPARENCY 255

```



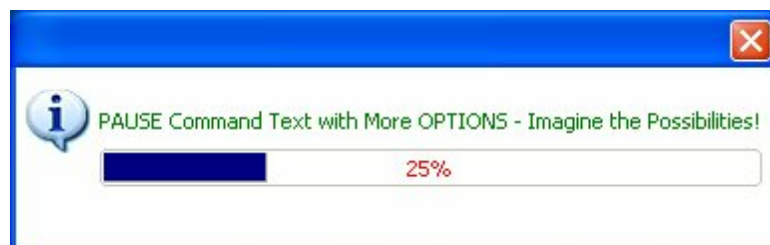
-- Standard PAUSE Command with custom ICON with Themes

```
PAUSE 2 USING +
'Now you can add themes to PAUSE windows!' +
CAPTION 'New PAUSE Command' ICON INFO +
OPTION themename Longhorn
```



-- PAUSE Command with Meter Progress Bar

```
PAUSE 3 USING +
'PAUSE Command Text with More OPTIONS - Imagine the Possibilities!' +
CAPTION ' ' +
OPTION METER_VISIBLE ON +
|METER_VALUE .vProgress +
|METER_TYPE BAR3D +
|METER_BACK_COLOR WHITE +
|METER_BAR_COLOR NAVY +
|METER_FONT_COLOR RED +
|BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_COLOR GREEN
```

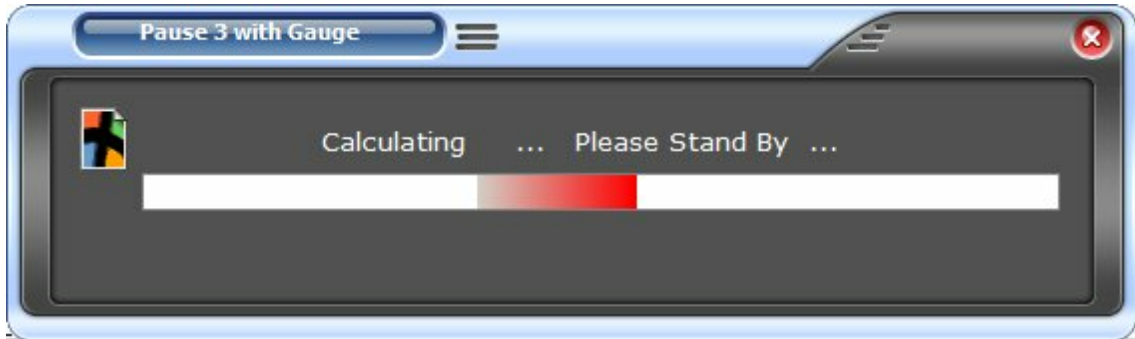


-- PAUSE Command with GAUGE Progress Bar

```

PAUSE 3 USING 'Calculating ... Please Stand By ...' +
CAPTION '          Pause 3 with Gauge ' +
ICON WINDOWS OPTION GAUGE_VISIBLE ON +
|GAUGE_COLOR RED +
|GAUGE_INTERVAL 10 +
|MESSAGE_FONT_NAME VERDANA +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_COLOR WHITE +
|THEMENAME Steel Blue

```

**1.1 OPTION Parameters**

These parameters can be used to change the "look and feel" of a PAUSE window. In addition to the parameters below, you can also alter the PAUSE [Message](#), as well as add a [Meter](#) or [Gauge Meter](#).

Parameter	Value	Description
ICON_FILE	value	Specifies the external path and image name for the icon (file size must be 16x16 pixels).
BACK_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Changes the color of the WINDOW BACKGROUND area. User can specify the integer value or type one of the predefined values.
BUTTON_COLOR	AQUA BLACK BLUE CREAM	Changes the background color of the button.

	DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	
BUTTON_FONT_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Changes the font color of the button.
TRANSPARENCY	0 - 255	Set the transparency to specify a layered window with a translucent color. The transparency value specifies the degree of translucency.
TOP	value	Moves the pause box location, in pixels, from the top of the screen down.
LEFT	value	Moves the pause box location, in pixels, from the left of the screen over.
THEMENAME	value	Specifies one of 86 pre-defined Themes, or a custom Theme loaded into R:BASE. NOTE: All previously defined PAUSE commands which are redefined to use Themes should be thoroughly checked prior to putting into production as objects and text may look substantially different.

1.1.1 Message

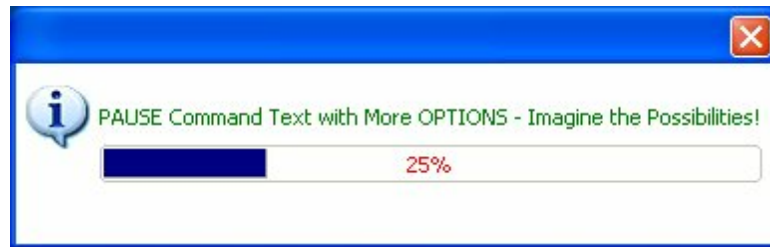
These parameters the message within the PAUSE window.

Parameter	Value	Description
MESSAGE_COLOR	AQUA BLACK BLUE CREAM	Changes the color of the actual message.

	DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	
MESSAGE_FONT_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Changes the color of message font.
MESSAGE_FONT_NAME	value	Specifies a font name for the message. Values would consist of the fonts available on the computer.
MESSAGE_FONT_SIZE	value	Specifies the font size.
MESSAGE_FONT_BOLD	ON OFF	Specifies if the message font is bold type.
MESSAGE_FONT_ITALIC	ON OFF	Specifies if the message font is italic type.
MESSAGE_FONT_UNDERLINE	ON OFF	Specifies if the message font is underline type.
MESSAGE_FONT_STRIKEOUT	ON OFF	Specifies if the message font is strikeout type.

1.1.2 Meter

These parameters will display a meter within the PAUSE window.



Parameter	Value	Description
METER_VISIBLE	ON OFF	Displays a meter to show a progress in percentage values.
METER_TYPE	NORMAL BAR3D LED	Three meter options are available.
METER_VALUE	0 to 100	Specifies the percentage to display the meter progress.
METER_BAR_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Specifies the color of the meter bar.
METER_BACK_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE	Specifies the meter background color

	TEAL WHITE YELLOW	
METER_FONT_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Specifies the color of the meter font.
METER_MAX_VALUE	0 to 100	Specifies the maximum percentage to display the <code>meter progress</code> .
METER_COLOR1	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Specifies the color of the meter when using three color segments (green, yellow, red)
METER_COLOR2	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE	Specifies the color of the meter when using three color segments (green, yellow, red)

	RED SILVER SKY BLUE TEAL WHITE YELLOW	
METER_COLOR3	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Specifies the color of the meter when using three color segments (green, yellow, red)
METER_COLOR OFF		Sets the color off when using three color segments.

Example:

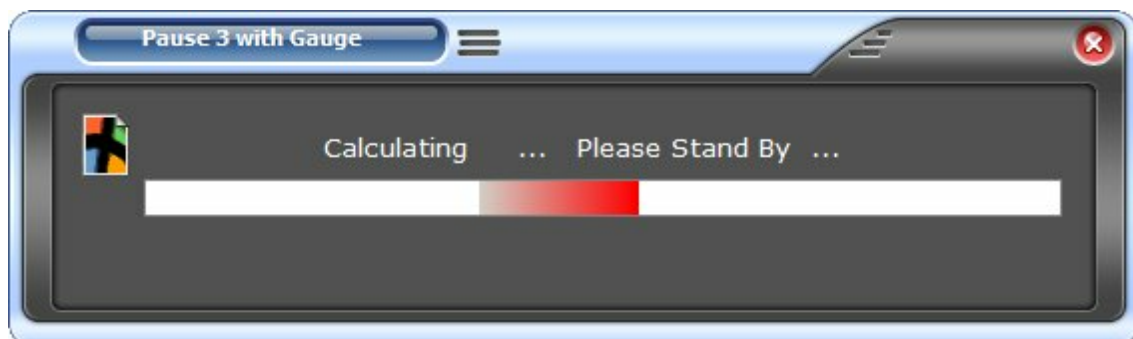
```

PAUSE 3 USING +
'PAUSE Command Text with More OPTIONS - Imagine the Possibilities!' +
CAPTION ' ' +
OPTION METER_VISIBLE ON +
|METER_VALUE .vProgress +
|METER_TYPE BAR3D +
|METER_BACK_COLOR WHITE +
|METER_BAR_COLOR NAVY +
|METER_FONT_COLOR RED +
|BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_COLOR GREEN

```

1.1.3 Gauge Meter

These parameters will display an oscillating meter within the PAUSE window.



Parameter	Value	Description
GAUGE_VISIBLE	ON OFF	Displays an oscillating progress gauge.
GAUGE_COLOR	AQUA BLACK BLUE CREAM DARK GRAY FUCHSIA GRAY GREEN LIME LIGHT GRAY MAROON MEDIUM GRAY MINT GREEN NAVY OLIVE PURPLE RED SILVER SKY BLUE TEAL WHITE YELLOW	Specifies the color of the progress gauge.
GAUGE_INTERVAL	10-100	Specifies the speed interval of the oscillating progress gauge.

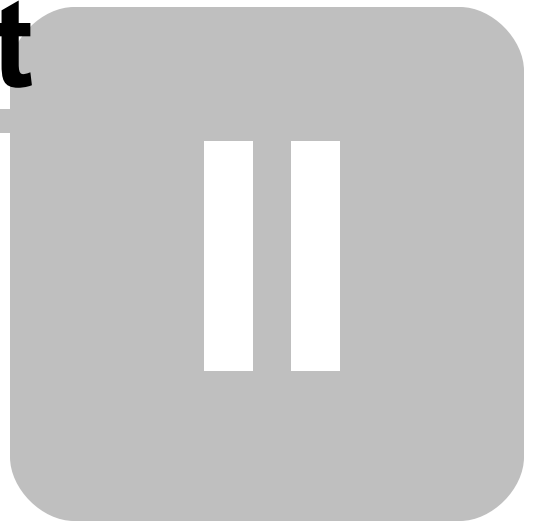
Example:

```

PAUSE 3 USING 'Calculating ... Please Stand By ...' +
CAPTION '                Pause 3 with Gauge ' +
ICON WINDOWS OPTION GAUGE_VISIBLE ON +
|GAUGE_COLOR RED +
|GAUGE_INTERVAL 10 +
|MESSAGE_FONT_NAME VERDANA +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_COLOR WHITE +
|THEMENAME Steel Blue

```

Part



2 Feedback

Suggestions

From time to time, everyone comes up with an idea for something they'd like to add. If you come across an idea that you think might make a nice addition to this document, your input is always welcome.

Please submit your suggestion to our R:BASE Developers' Corner Crew (R:DCC) email address at: rbg9rdcc@rbase.com. Describe what you think might make a nice enhancement.

Unless additional information is needed, you will not receive a direct response.

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