

WireLess TelNet 5250 Error Messages and State Indicators V419 and higher

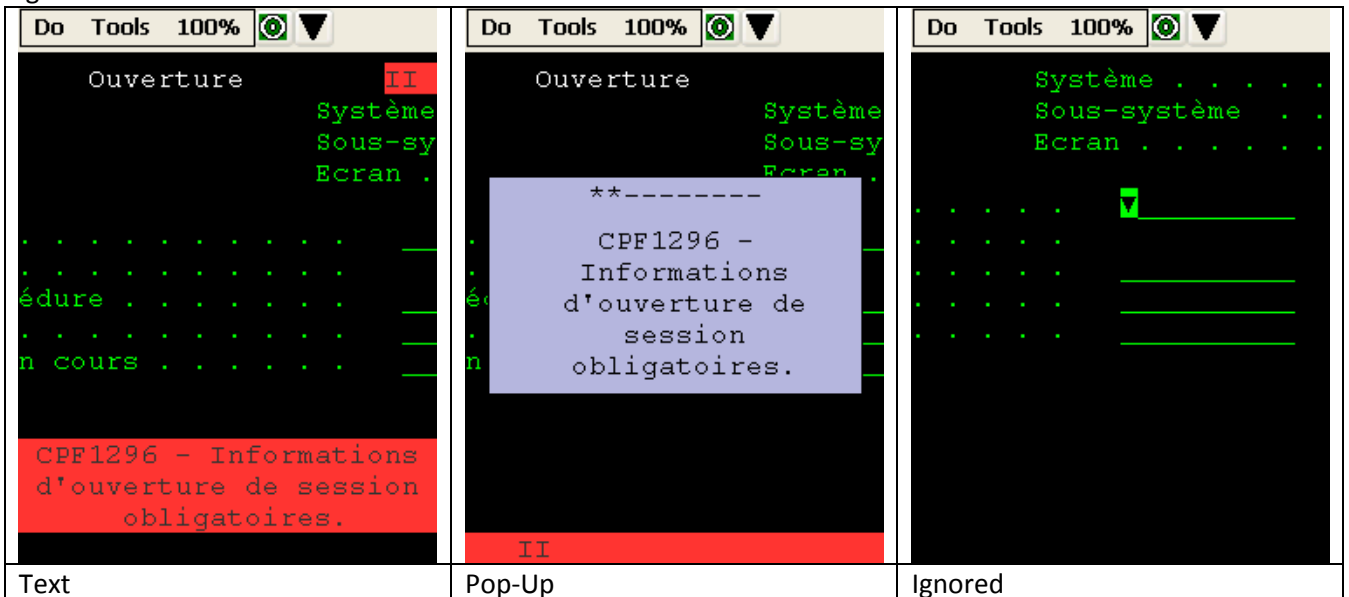
1	Abstract	2
2	Emulator management and behavior.	3
2.1	Management of indicators and messages on WTn52 emulator.	3
2.1.1	State indicators.....	3
2.1.2	Informational bottom line message	3
2.1.3	Error bottom line	3
2.2	Configuring	4
3	Configuration samples.....	4
3.1	Configuration case 1.....	5
3.2	Configuration Case 2	6
3.3	Configuration case 3.....	7
3.4	Configuration case 4.....	8
3.5	Configuration case 5.....	9
3.6	Configuration case 6.....	10

1 Abstract



Error messages are often displayed in a non-visible line on PDAs. Currently, it is the 24th line, at the bottom of the screen.

In order to allow the user to see these messages, they can be displayed as Text, Pop-Up, or ignored.



Some programs destined to PDA users can set the error line to display it in a visible place of the PDA screen, so in this case it will not be need to relocate messages.

2 Emulator management and behavior.

Error messages have a new array of options, which allow the configuration of various user-interface presentations.

2.1 Management of indicators and messages on WTN52 emulator.

2.1.1 State indicators

Explanation

The state indicators represent the terminal state as a 5250 console. They are:

- "Cnx" - "Connecting", the terminal is connecting to host.
- "XS" - "X-System", the terminal is waiting for data from host.
- "Snd" - "Sending", the terminal is sending data to host.
- "Rcv" - "Receiving", the terminal is receiving data from host.
- "II" - "Input Inhibit", the terminal is in an error condition, it needs a user action.
- "Ins" - "Insert", the input is in insert mode.
- "Fer" - "Field-Exit" is required for this field.
- "End" - "End of Session", the connection to host was closed.

Emulator processing

Indicators are displayed in black text on red background.

Indicators may be displayed in two forms:

Extended form (*SmallInd=0*). It is always displayed at the bottom line, and it takes all the line extent.

Small form (*SmallInd=1..4*). It can be displayed at any corner, and it takes 3 positions only.

2.1.2 Informational bottom line message

Explanation

The "Error Line" is currently set at line 24.

An informational message is shown in this line without the 5250-error attribute.

Emulator processing

An informational message could be processed (*NoMsgLine=No*) and shown as a Pop-Up (*ErrPopUp=Yes*), or as a bottom text (*ErrText=Yes*).

An informational message could be left "as is" (*NoMsgLine=Yes*).

2.1.3 Error bottom line

Explanation

The "Error Line" is currently set at line 24.

An informational message is shown in this line with the 5250 error attribute (Write-error-code 5250 command).

Emulator processing

Error message could be processed and shown as a Pop-Up (*ErrPopUp=Yes*)

Error message could be processed and shown as bottom text (*ErrText=Yes*).

Error message could be left "as is" (*ErrPopUp=No, ErrText=No*).

Pressing any key can clear Pop-Ups or Text floating messages (*ResetByAny=Yes*).

An elapsed time can also clear them automatically (*ResetTime=20*).

2.2 Configuring

[TN52_ERROR_MSG]

This section contains the error messages and indicators options.

NoMsgLine=

No. The bottom line containing informational messages is processed and displayed as Pop-Up or Text (Following *ErrPopUp* and *ErrText* mode).

Yes. The bottom line is not processed. This line is displayed "as-is".

ErrPopUp=

Yes. The line containing error messages is processed and displayed as a Pop-Up.

No. The line is not processed as a Pop-Up.

ErrText=

Yes. The line containing error messages is processed and displayed as floating text.

No. The line is not processed as a floating text.

ErrPopUp=No and *ErrText=No* will left the error message "as-is".

SmallInd= (0,1,2,3,4)

SmallInd=0. Shows state indicators as an entire bottom line.

SmallInd=1. Shows state indicator as 3 characters in upper-left corner.

SmallInd=2. Shows state indicator as 3 characters in upper-right corner.

SmallInd=3. Shows state indicator as 3 characters in bottom-left corner.

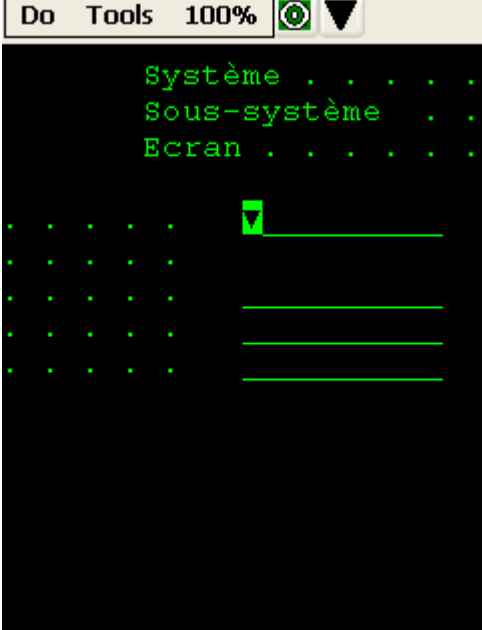
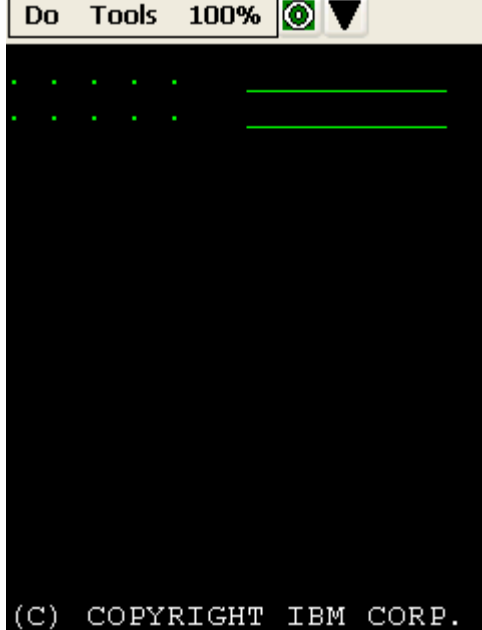

SmallInd=4. Shows state indicator as 3 characters in bottom-right corner.

3 Configuration samples

3.1 Configuration case 1

<p>[TN52_ERROR_MSG] NoMsgLine=No ErrPopUp=Yes ErrText=No SmallInd=0</p>	<ul style="list-style-type: none"> • The message line is processed • It uses extended indicators • The user messages are displayed as Pop-Up
 <p>Input inhibit Bottom informational message line</p>	 <p>Input inhibit Host error message</p>
 <p>Any key to Close End of session, hit any key to close.</p>	

3.2 Configuration Case 2

<p>[TN52_ERROR_MSG] NoMsgLine=Yes ErrPopUp=Yes ErrText=No SmallInd=0</p>	<ul style="list-style-type: none"> • The message line is not processed • It uses extended indicators • The user messages are displayed as Pop-Up
 <p>No bottom informational message line</p>	 <p>(C) COPYRIGHT IBM CORP. No bottom informational message line</p>
 <p>Input inhibit Host error message</p>	

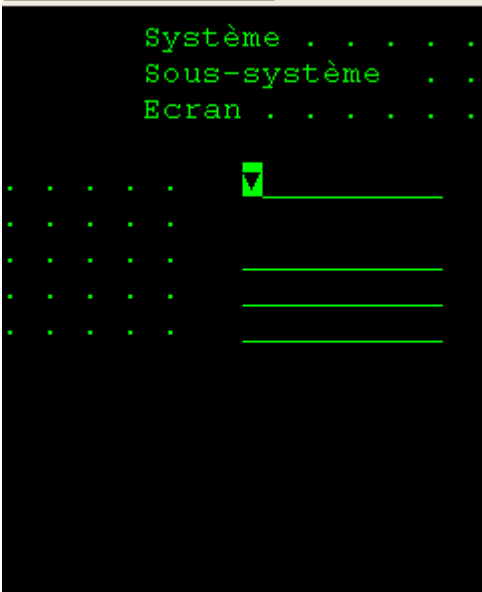
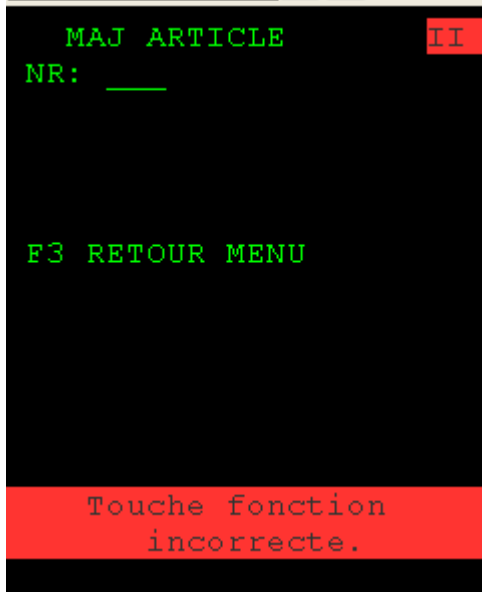

3.3 Configuration case 3

<p>[TN52_ERROR_MSG] NoMsgLine=No ErrPopUp=Yes ErrText=No SmallInd=1 (2) (3) (4)</p>	<ul style="list-style-type: none"> • The message line is not processed • It uses small indicators in various positions. • User messages as Pop-Up
	
<p>Input Inhibit. SmallInd=1</p>	<p>Input Inhibit. SmallInd=2</p>
	
<p>Input Inhibit. SmallInd=3</p>	<p>Input Inhibit. SmallInd=4</p>

3.4 Configuration case 4

<p>[TN52_ERROR_MSG] NoMsgLine=No ErrPopUp=No ErrText=Yes SmallInd=2</p>	<ul style="list-style-type: none"> • The message line is processed • It uses small indicators (upper-right) • The user messages are displayed as Text
 <p>Input inhibit Bottom informational message line</p>	 <p>Input inhibit Host error message</p>
 <p>End of session, hit any key to close.</p>	

3.5 Configuration case 5

<p>[TN52_ERROR_MSG] NoMsgLine=Yes ErrPopUp=No ErrText=Yes SmallInd=2</p>	<ul style="list-style-type: none"> • The message line is not processed • It uses small indicators (upper-right) • The user messages are displayed as Text
 <p>No bottom informational message line</p>	 <p>Input inhibit Host error message</p>
 <p>End of session, hit any key to close.</p>	

3.6 Configuration case 6

<p>[TN52_ERROR_MSG] NoMsgLine=Yes ErrPopUp=No ErrText=No SmallInd=2</p>	<ul style="list-style-type: none"> • The message line is not processed • It uses small indicators (upper-right) • No user messages (left "as is")
	
<p>No bottom informational message line</p>	<p>Input inhibit Host error message at configured line.</p>
	
<p>End of session, hit any key to close.</p>	