**Macro Statements**

The macro statements that Personal Communications recognizes are as follows:

* **Macro** Existing macro-file name.

**Format:** macro macro-file-name

Example: **macro MYMACRO**

* **Function** Functions in the Select a Key-Action box.

**Format:** [action from the Select a Key-Action box]

Example: **[alt cursor]**

* **Character** Any character from the keyboard or from the Select a Key-Action box.

**Format:** 'character'

Example: **'A'**

* Accent character with "Dead Key" option

**Format:** 'accent-character' accent

Example: **'x' accent**

* APL character (Hex value)

**Format:** apl Hex-value-of-APL-character

Example: **apl FE**

* ANSI character (Hex value)

**Format:** ansi Hex-value-of-ANSI-character

Example (for the letter A): **ansi 41**

* ANSI dead character

**Format:** ansi Hex-value-of-the-ANSI-dead-character accent

Example (for the acute accent): **ansi B4 accent**

* **String** Any characters from the keyboard, preceded by a double-quote or a Wait condition

**Format:** "character-string

Example: **"Good Morning**      
Example: **wait until L at (1,1)**

* **Wait** Several different [Wait Conditions](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_key_waitcond.html#help_key_waitcond)
* **SEND** To transfer files from the PC to the host

[File Transfer (Macro)](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_key_xfermacro.html#help_key_xfermacro)

* **RECEIVE** To transfer files from the host to the PC

[File Transfer (Macro)](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_key_xfermacro.html#help_key_xfermacro)

* **Goto** Branch to a target denoted as label.

**Format 1:** goto label1

**Format 2:** goto label2 **on error**

**Format 3:** goto label3 on **timeout**

**Note:**

* + **on error** and **on timeout** are set by the **Run**, **Send** or **Receive** statements or by a **Wait** statement that precedes the Goto statement.
  + If you use a GOTO and LABEL to create a loop, behavior will be unpredictable if the loop executes a large number of times (more than 1000).
* **Label** A label referred to by a Goto statement

**Format:** :label-name

Example: **goto label1**

Rules:

* + There must be a ":" (colon) in column 1
  + Only alphabetic (A-Z) and numeric (0-9) characters are allowed
  + Up to 32 characters per label
  + Not case-sensitive (i.e. LABEL1 and label1 are equivalent)
* **Exit** Exit from the macro

**Format:** **Exit**

* **Run** Invokes an application asynchronously

**Format:** Run [style] application

Example: **run /min c:\apps\myapp.exe myparms**

For [style], the following parameters can be set:

* + **/normal** Activates the window and displays it in its original size and position.
  + **/min** Activates the window and displays it as iconic.
  + **/max** Activates the window and displays it maximized.
* **Run Applet** Specifies Java applet to be run in macro

**Format:** [Run Applet] Applet.class

Example: **[Run Applet] sample66.class**

**Note:** The applet class specified must exist in the same directory path as the .WS file in which the macro is included.

* **Remarks** Treated as a comment line

**Format:** **;** or **rem**

**Related Information**

[Select a Key-Action](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_key_func.html#help_key_func)

[Wait-Condition Macro](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_key_waitcond.html#help_key_waitcond)

[File Transfer (Macro)](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_key_xfermacro.html#help_key_xfermacro)

[Sample Macro for Logon to a zSeries](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_macro_sample.html#help_macro_sample)

[Sample Macro for Sign on to an iSeries](mk:@MSITStore:C:\Program%20Files%20(x86)\IBM\Personal%20Communications\en_US\PCSHELP.chm::/help_macro_sample_as400.html#help_macro_sample_as400)