

Programming Language Recommendations

Language	Native in	Recommended Use
CPCL	QL, RW MZ, EZ320 and older Comtec® models	<ul style="list-style-type: none"> • In new installations of mobile printers, where CPCL is easily integrated into the host application • When older Comtec models are being upgraded- so that the customer can use existing application without code modifications
ZPL (emulation available on QL series, standard. on QL plus, RW & MZ Series)	PA/PT Series mobile, printers, Zebra High Performance/ Industrial/Commercial printers, R-140 RFID printer, LP/TLP 2844-Z and PAX applicator printers	<ul style="list-style-type: none"> • When an installation already uses ZPL as a standard language and needs to maintain a consistent language for all thermal printers. • When certain printer functions are not available in CPCL or EPL, such as: (ZBI, Datamatrix, Code 11, Micro PDF) • When replacing a PA/PT 40x, or another Zebra printer using ZPL, with a Zebra mobile printer
EPL (emulation available on QL or Cameo series and standard on RW, QL plus & MZ series)	Zebra Desktops, R402 (RFID printer), TR 220, PS 21xx and PS 4000 series print systems	<ul style="list-style-type: none"> • When an installation already uses EPL as a standard language and needs to maintain a consistent language for all thermal printers. • If you are replacing Eltron Transport or Xport mobile printers, a Zebra mobile with an EPL emulation will ease the transition.



Note: QL Plus and RW printers have EPL and ZPL emulation built into their operating system. See the “device.languages” command under the “Device Parameters” topic in Section 14 for more information on setting programming languages with these products.

device.languages

type: getvar; setvar



NOTE: This command is only valid with RW, QL Plus and MZ series (SH3 based) printers.

This parameter sets the programming language recognized by the printer. (Refer to the programming languages topics in Section 1 for more information) Please note that CPCL is ALWAYS active and that line_print is ONLY active when selected.

getvar result	The programming language currently used by the printer	
Example	Description	Retrieve the current programming language used by the printer
	Syntax	! U1 getvar "device.languages"
	Result	Printer will respond with the current language in use, for example:"ZPL"
setvar choices	EPL, ZPL, epl_zpl, opl', line_print correction wck - epl, zpl,epl_zpl,opl, line_print	
	Default	line_print
Example	Description	Set language to ZPL
	Syntax	! U1 setvar "device.languages" "ZPL" ! U1 setvar "device.languages" "zpl"
	Result	programming language set to ZPL



NOTE 1: Selecting "opl" (O'Neil emulation) will disable most other languages: e.g. CPCL line print and ESC * modes, ZPL, EPL, etc

device.reset

type: do

Instructs the printer to perform a soft reset.

do parameters	None	
Example	Description	Perform a soft reset
	Syntax	! U1 do "device.reset" ""
	Result	The printer will perform a soft reset

continued