

ใบความรู้ที่ 1
เรื่อง การใช้ Android Emulator
ใบความรู้นี้เป็นส่วนหนึ่งของวิชา คพ 436 การพัฒนาซอฟต์แวร์บนอุปกรณ์เคลื่อนที่

แป้นลัดสำหรับควบคุม Android Emulator

Emulated Device Key	Keyboard Key
Home	HOME
Menu (left softkey)	F2 <i>or</i> Page-up button
Star (right softkey)	Shift-F2 <i>or</i> Page Down
Back	ESC
Call/dial button	F3
Hangup/end call button	F4
Search	F5
Power button	F7
Audio volume up button	KEYPAD_PLUS, Ctrl-F5
Audio volume down button	KEYPAD_MINUS, Ctrl-F6
Camera button	Ctrl-KEYPAD_5, Ctrl-F3
Switch to previous layout orientation (for example, portrait, landscape)	KEYPAD_7, Ctrl-F11
Switch to next layout orientation (for example, portrait, landscape)	KEYPAD_9, Ctrl-F12
Toggle cell networking on/off	F8
Toggle code profiling	F9 (only with <code>-trace</code> startup option)
Toggle fullscreen mode	Alt-Enter
Toggle trackball mode	F6
Enter trackball mode temporarily (while key is pressed)	Delete
DPad left/up/right/down	KEYPAD_4/8/6/2
DPad center click	KEYPAD_5
Onion alpha increase/decrease	KEYPAD_MULTIPLY(*) / KEYPAD_DIVIDE(/)

อ้างอิงจาก <http://developer.android.com/tools/help/emulator.html>

คำสั่งสำหรับควบคุมอุปกรณ์ผ่านโปรแกรม Android debug bridge (ADB)

Category	Command	Description
Target Device	-d	Direct an adb command to the only attached USB device.
	-e	Direct an adb command to the only running emulator instance.
	-s <serialNumber>	Direct an adb command a specific emulator/device instance, referred to by its adb-assigned serial number (such as "emulator-5556").
General	devices	Prints a list of all attached emulator/device instances.
	help	Prints a list of supported adb commands.
	version	Prints the adb version number.
Debug	logcat [option] [filter-specs]	Prints log data to the screen.
	bugreport	Prints <code>dumpsys</code> , <code>dumpstate</code> , and <code>logcat</code> data to the screen, for the purposes of bug reporting.
	jdwp	Prints a list of available JDWP processes on a given device.
Data	install	Pushes an Android application (specified as a full path to an .apk file) to an emulator/device.
	pull	Copies a specified file from an emulator/device instance to your development computer.
	push	Copies a specified file from your development computer to an emulator/device instance.
Ports and Networking	forward	Forwards socket connections from a specified local port to a specified remote port on the emulator/device instance.
	ppp <tty> [parm]...	Run PPP over USB. <ul style="list-style-type: none"> <code><tty></code> — the tty for PPP stream. For example <code>dev:/dev/omap_csmi_tty1</code>. <code>[parm]...</code> — zero or more PPP/PPPD options, such as <code>defaultroute</code>, <code>local</code>, <code>notty</code>, etc. Note that you should not automatically start a PPP connection.
Scripting	get-serialno	Prints the adb instance serial number string.
	get-state	Prints the adb state of an emulator/device instance.
	wait-for-device	Blocks execution until the device is online — that is, until the instance state is <code>device</code> .
Server	start-server	Checks whether the adb server process is running and starts it, if not.
	kill-server	Terminates the adb server process.
Shell	shell	Starts a remote shell in the target emulator/device instance.

อ้างอิงจาก <http://developer.android.com/tools/help/adb.html>