



Raspberry Pi System Software Reference

Warren Gay

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Raspberry Pi is Linux, but it's a unique flavor of Linux, specifically for the ARM-based Pi. *Raspberry Pi Software Reference* guides you through the boot process, including options for tweaking HDMI, memory, and other boot options. You'll learn the details of run levels and creating new services, and how to use the custom command `vcgencmd` for doing things like reporting temperature, clock speeds, and voltage. And while there are cross-compilers available for some flavors of Linux, one of the most important things you'll get from *Raspberry Pi Software Reference* is how to build your own Raspberry Pi cross-compiler on your Mac OSX, Linux, or Windows computer.

What you'll learn

- In-depth coverage of boot options on the RPi
- Working with runlevels
- Options for `vcgencmd`
- Building a cross-compiler for the Raspberry Pi on Mac OSX, Linux, or Windows

Who this book is for

All Raspberry Pi users, especially developers who need to create their own cross-compiler for the Raspberry Pi.

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