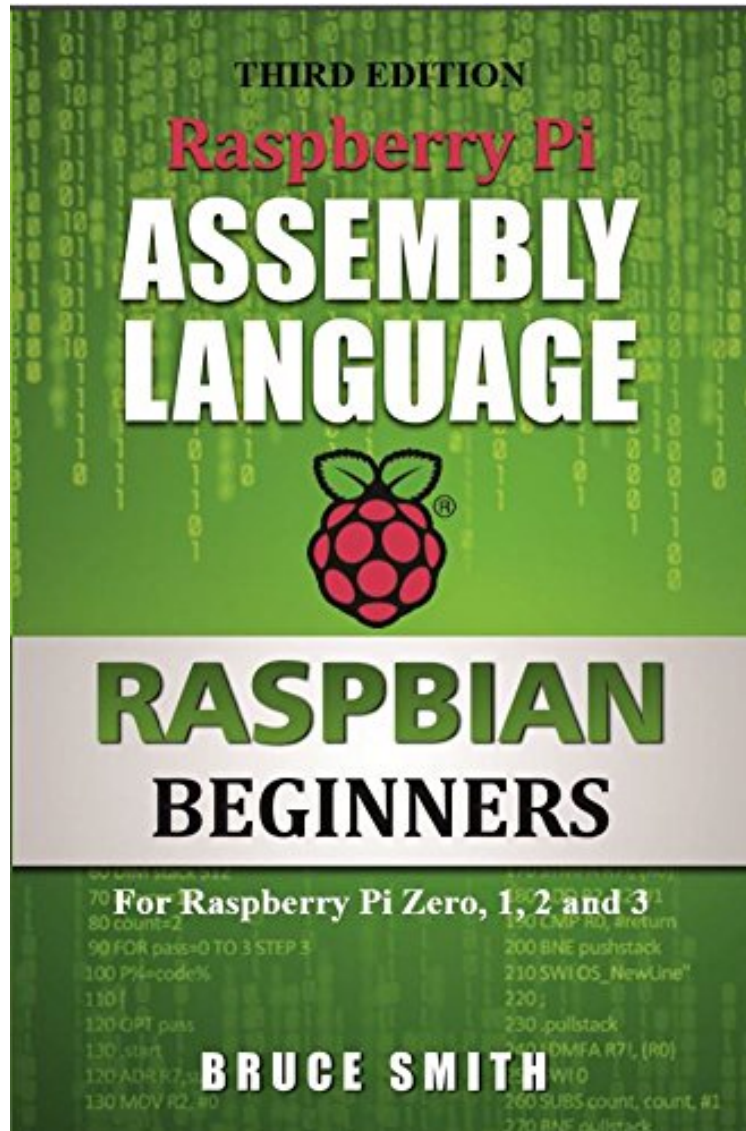


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## Raspberry Pi Assembly Language RASPBIAN Beginners (English Edition)

Von Bruce Smith

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**Von Bruce Smith : Raspberry Pi Assembly Language RASPBIAN Beginners (English Edition)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Raspberry Pi Assembly Language RASPBIAN Beginners (English Edition):

KundenrezensionenHilfreichste Kundenrezensionen4 von 4 Kunden fanden die folgende Rezension hilfreich. ARM

Assembler für Programmieranfänger Von DerDude Bruce Smith hat hier kein wirklich schlechtes Buch abgeliefert, es hinterlässt bei mir nach dem Lesen aber doch ein recht großes Fragezeichen hinsichtlich der Positionierung: Bei "Raspberry Pi Assembly Language" handelt es sich tatsächlich um ein Buch für absolute "Beginners" (das geht so weit dass sogar die Grundlagen von "vi" kurz erklärt werden), aber selbst der Autor bleibt die Erklärung schuldig, warum sich ein Programmieranfänger mit Assembler rumschlagen sollte (vor allem wenn nur Linuxprogramme geschrieben werden)! Ich persönlich hätte mir weniger oberflächliche Einführungen gewünscht und statt dessen etwas mehr Tiefe, das Buch bleibt in vielen Bereichen doch sehr schwammig und zahlreiche Erklärungen schuldig. Dennoch hätte es bei dem recht günstigen Preis für 4 Sterne gereicht, leider gibt es ein paar Stellen/Erklärungen, die meines Erachtens einfach falsch oder zumindest unzureichend erklärt sind. Das sollte nicht sein. 1 von 3 Kunden fanden die folgende Rezension hilfreich. Excellent book! Von Will This is a good way to learn ARM assembly programming in Linux. The instructions also work for basically any ARM single board computer running Ubuntu, Debian, Arch, etc. Linux. (complete distros that have the gcc toolchain) Because it's for Raspberry PI, it unfortunately doesn't have anything about neon, but that is an idea for future editions.

Kurzbeschreibung Raspberry Pi Assembly Language RASPBIAN Beginners [THIRD EDITION] is your hands-on guide to learning to program ARM machine code on your Raspberry Pi. This book covers Raspberry Pi 3, 2, 1 and Zero. With nothing other than the Raspbian Operating System installed on your Raspberry Pi, this book shows you how to access all the tools that you'll need to create your own machine code programs using assembly language. Ideal for the novice, this book starts from first principles and leads you comfortably on your way to become an accomplished programmer. Providing lucid descriptions, award winning author Bruce Smith keeps things simple and includes plenty of program examples you can try for yourself. Ideas and concepts are introduced in the order required so you should never be left wondering. Just some of the many features include: \*Practical approach with example programs \*GCC assembler and linker \*ARM registers and arrangements \*Addressing modes \*Use of operating system Syscalls \*Debugging with GDB \*Using libc function calls \*Programming the GPIO Examples are provided that are written using the GCC Compiler running under the Raspbian Operating System on the Raspberry Pi, all of which can be downloaded from the book support website at bruce-smith.info. 5-Star s for Bruce Smith: "This book is an excellent introduction to coding in ARM assembler on the Raspberry Pi." "This book is well-written, easy to follow and organized. "Great introduction to ARM assembler." Kurzbeschreibung Raspberry Pi Assembly Language RASPBIAN Beginners [THIRD EDITION] is your hands-on guide to learning to program ARM machine code on your Raspberry Pi. This book covers Raspberry Pi 3, 2, 1 and Zero. With nothing other than the Raspbian Operating System installed on your Raspberry Pi, this book shows you how to access all the tools that you'll need to create your own machine code programs using assembly language. Ideal for the novice, this book starts from first principles and leads you comfortably on your way to become an accomplished programmer. Providing lucid descriptions, award winning author Bruce Smith keeps things simple and includes plenty of program examples you can try for yourself. Ideas and concepts are introduced in the order required so you should never be left wondering. Just some of the many features include: \*Practical approach with example programs \*GCC assembler and linker \*ARM registers and arrangements \*Addressing modes \*Use of operating system Syscalls \*Debugging with GDB \*Using libc function calls \*Programming the GPIO Examples are provided that are written using the GCC Compiler running under the Raspbian Operating System on the Raspberry Pi, all of which can be downloaded from the book support website at bruce-smith.info. 5-Star s for Bruce Smith: "This book is an excellent introduction to coding in ARM assembler on the Raspberry Pi." "This book is well-written, easy to follow and organized. "Great introduction to ARM assembler." ber den Autor und weitere Mitwirkende Bruce Smith is a former Technical Editor of Acorn User magazine and founder of Bruce Smith Books. Around half of his 150 books have covered the topic of computers and computer programming. He was one of the first to write about the ARM chip when it was originally released. He is well known for his easy, lucid style of writing and his books have been translated into five languages. Here are some snippets from user reviews written about his books: This is the first computer book I've read in bed for pleasure rather than to cure insomnia. Much more to offer, practical and down-to-earth for those that want a complete, thorough and readable guide, Bruce Smith is your man. No other author has investigated with the thoroughness of Smith every page provides useful information. Put off getting that new game, and buy this book instead. You won't regret it. This book has been written with the absolute novice in mind. It doesn't patronise, yet neither does it baffle with jargon and slang.