

Banana Pi Cookbook

Over 25 recipes to build projects and applications for multiple platforms with Banana Pi

Ryad El-Dajani

[PACKT] open source 
PUBLISHING community experience distilled

BIRMINGHAM - MUMBAI

Banana Pi Cookbook

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About the Author

Ryad El-Dajani is a software engineer and passionate technology enthusiast. He developed an interest for computers when he was 10 years old. Soon thereafter, he began to learn his first programming languages.

After he had completed his training as an IT specialist, he worked on several e-commerce Internet projects. Currently, he is studying business computing and works in a big IT company in Germany realizing various IT projects based on Java or .NET technologies.

Besides the classic application development, he has professional experiences in realizing projects based on web frameworks such as Spring, Play, Symfony, eZ Publish, and Magento. Moreover, he is excited about all kinds of Unix-like embedded systems since the revolutionary SheevaPlug.

I would like to thank my family for their support during the authoring of this book. Special thanks go to my grandpa, Jürgen, and my uncle, Thomas, who introduced me into the world of computers against the wishes of my parents when I was a child.

Furthermore, I would like to thank the Internet community for spreading their knowledge. Without amazing guys like you, I would have never been able to understand, and in the end, write about the complex technologies surrounding us today.

I am particularly grateful to my beloved girlfriend, Marlene. Without her infinite support, patience, understanding, and cooking skills, I would not be able to complete this project.

About the Reviewers

José Manuel Cerrejón González is a full-stack freelance software developer based in Huelva, Spain and a Raspberry Pi, Odroid, and Banana Pi enthusiast. Nowadays, he blogs regularly on his own website <http://misapuntedesde.com/> in both Spanish and English languages, and he has compiled a great Raspberry Pi resource on Google Docs at <http://goo.gl/Iwhbq>.

He has also contributed to the community with a project called PiKISS (Pi Keeping It Simple, Stupid!) that you can download from GitHub (<https://github.com/jmcerrejon/PiKISS>).

Although this is the first book he has reviewed, he has written other articles for The Press such as the ODROID Magazine.

You can follow him on Twitter at <https://twitter.com/ulysess10>.

To my daughter, Laura, I hope to see your smile every morning for a long time.

Kenny Hsu is a Linux system administrator, database administrator, and web developer who has over 7 years of experience. He has executed projects in a broad range of technologies, including Java, Spring Framework, jQuery, MySQL, MariaDB, Ubuntu, Debian, and so on. He is also an open source contributor. In this year, he wrote some dev board-related tutorials for beginners (who are interested in Banana Pi, Cubieboard, and OpenWRT router), but in Chinese. He is also a native Chinese speaker residing in Taiwan.

Some of the tutorials he wrote earlier this year are as follows:

- ▶ OpenWRT wr841n mod (<https://github.com/annbigbig/wr841nd-memo>)
- ▶ Cubian memo (https://github.com/annbigbig/cubian_memo)

If you know Chinese language, you can discuss with him directly in Chinese. He will be very glad to talk to you. You can follow him on Twitter at @annbigbig and you can also e-mail him at annbigbig@gmail.com.

This is my first book with Packt Publishing, and I am very glad to meet you.

My dear kitten called PaPa passed away in summer 2013. He was a 17-year-old white Persian kitten, and I will always miss him.

Michał Piątkowski is a young freelancer, who always tries to develop his potential. Although he mainly programs in Java, he is also interested in C and C++, especially when the microcontrollers are concerned. Moreover, he is fascinated by Banana Pi and Raspberry Pi projects. He devotes his spare time to robotics and electronics. On the Internet, he can be found as Axandar or @Axandar29 on Twitter.

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