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Moodle 3.1 LTS modules development

By Tomasz Muras

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Contents

Introduction	1
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Introduction

My name is Tomasz Muras and I'm a software developer. I have been doing Moodle development for quite a few years now. If you want to get in touch with me, you can send me a message from my [moodle.org profile](https://moodle.org/user/profile.php?id=353008)¹.

This is the first book I have ever written, so expect it to be full of mistakes, bugs, poor grammar and typos. Especially that I've decided to go with the self-publishing route. If you notice some issue with the book's content - submit a bug on <https://github.com/tmuras/moodle-book>. If you do so, I promise to send you a next version of the book for free.

This book is aimed at developers willing to program using Moodle platform. I will focus only on the programming and technical aspects of Moodle, I am not going to explain what Moodle is or how to use it. I also assume that you know at least the basics of PHP/HTML/CSS/JS and web development.

In the book I'm going to cover how to build Moodle module - also called "activity". While doing so, we will go through most of the Moodle building blocks. I'm not covering any other plugin types (blocks, filters, reports...) explicitly but after studying this book and a bit of extra research you should be comfortable with development of any Moodle plugin type.

The book is full of source code - please study the code as integral part of the book. The code is available on <https://github.com/tmuras/moodle-book>. I will try to keep code fragments as short and readable as possible. All source code is available under the same license as Moodle - GNU GPL v3 or later.

¹<https://moodle.org/user/profile.php?id=353008>