Mastering C++ Game Development

Mickey MacDonald

Download now

Mastering C++ Game Development

Mickey MacDonald

Mastering C++ Game Development Mickey MacDonald

Key Features

- Make best use of object oriented capabilities of C++ to develop high-end games
- Create reusable C++ libraries and editor tools for your game
- Series of example projects demonstrating advanced techniques to build games of any genre

Book Description

Many languages are available for game development, but C++ remains a fixture in the games industry. The main reasons for this are its performance, cross-platform compatibility and widespread availability across toolchains.

The primary goal of the book is to teach you to create high quality video games using C++ game programming.

To begin with, you will be presented with insight into the games industry landscape, popular development methodologies, and a guide to building strong coding standards . You will also learn to make best use the target platform's specific C++ toolchain, track down bugs during and after development, and measure performance to inform optimization approaches.

You will be designing and building a set of reusable C++ libraries and also creating your own level editor as per your game requirements. In the next half of the book, you will be working with game demos which will be packed with advanced rendering techniques, interactive physics, modern animation techniques, tips for creating narrative-driven games and Advanced AI techniques. You will also learn how to deal with highly interactive, fast-paced multiplayer games within the constraints of today's internet. As a last chapter in the book, you will find out how the power of C++ can be leveraged to create an immersive VR experience.

By the end of the book, you will be able to create a high-end video game.

What you will learn

- Work and communicate effectively in the modern games industry.
- Develop simple and advanced gameplay systems
- Use modern real-time rendering techniques to achieve immersive 3D visuals
- Achieve narrative-driven game experience using a variety of data management techniques
- Program and implement a variety of AI algorithms for motion, behavior and decision making.
- Leverage your game with multiplayer support
- Create an immersive Virtual Reality experience

⬇ **Download** Mastering C++ Game Development ...pdf

Download and Read Free Online Mastering C++ Game Development Mickey MacDonald

---

From reader reviews:

Lavinia Arthur:

Your reading sixth sense will not betray a person, why because this Mastering C++ Game Development e-book written by well-known writer who knows well how to make book which can be understand by anyone who else read the book. Written throughout good manner for you, still dripping wet every ideas and composing skill only for eliminate your own hunger then you still question Mastering C++ Game Development as good book but not only by the cover but also with the content. This is one guide that can break don't judge book by its deal with, so do you still needing a different sixth sense to pick this specific!? Oh come on your looking at sixth sense already alerted you so why you have to listening to an additional sixth sense.

Anthony Sierra:

Is it you who having spare time subsequently spend it whole day by means of watching television programs or just lying on the bed? Do you need something new? This Mastering C++ Game Development can be the response, oh how comes? A fresh book you know. You are so out of date, spending your free time by reading in this brand-new era is common not a geek activity. So what these textbooks have than the others?

Clyde Welch:

Don't be worry for anyone who is afraid that this book will certainly filled the space in your house, you may have it in e-book means, more simple and reachable. This Mastering C++ Game Development can give you a lot of buddies because by you taking a look at this one book you have thing that they don't and make you actually more like an interesting person. That book can be one of one step for you to get success. This reserve offer you information that possibly your friend doesn't know, by knowing more than other make you to be great men and women. So , why hesitate? Let us have Mastering C++ Game Development.

Susan Preuss:

A lot of e-book has printed but it is different. You can get it by world wide web on social media. You can choose the best book for you, science, comic, novel, or whatever by means of searching from it. It is known as of book Mastering C++ Game Development. You can add your knowledge by it. Without leaving behind the printed book, it could possibly add your knowledge and make anyone happier to read. It is most important that, you must aware about guide. It can bring you from one location to other place.

Download and Read Online Mastering C++ Game Development

Mickey MacDonald #B2XCHWMRJZU

Read Mastering C++ Game Development by Mickey MacDonald for online ebook

Mastering C++ Game Development by Mickey MacDonald Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Mastering C++ Game Development by Mickey MacDonald books to read online.

Online Mastering C++ Game Development by Mickey MacDonald ebook PDF download

Mastering C++ Game Development by Mickey MacDonald Doc

Mastering C++ Game Development by Mickey MacDonald Mobipocket

Mastering C++ Game Development by Mickey MacDonald EPub