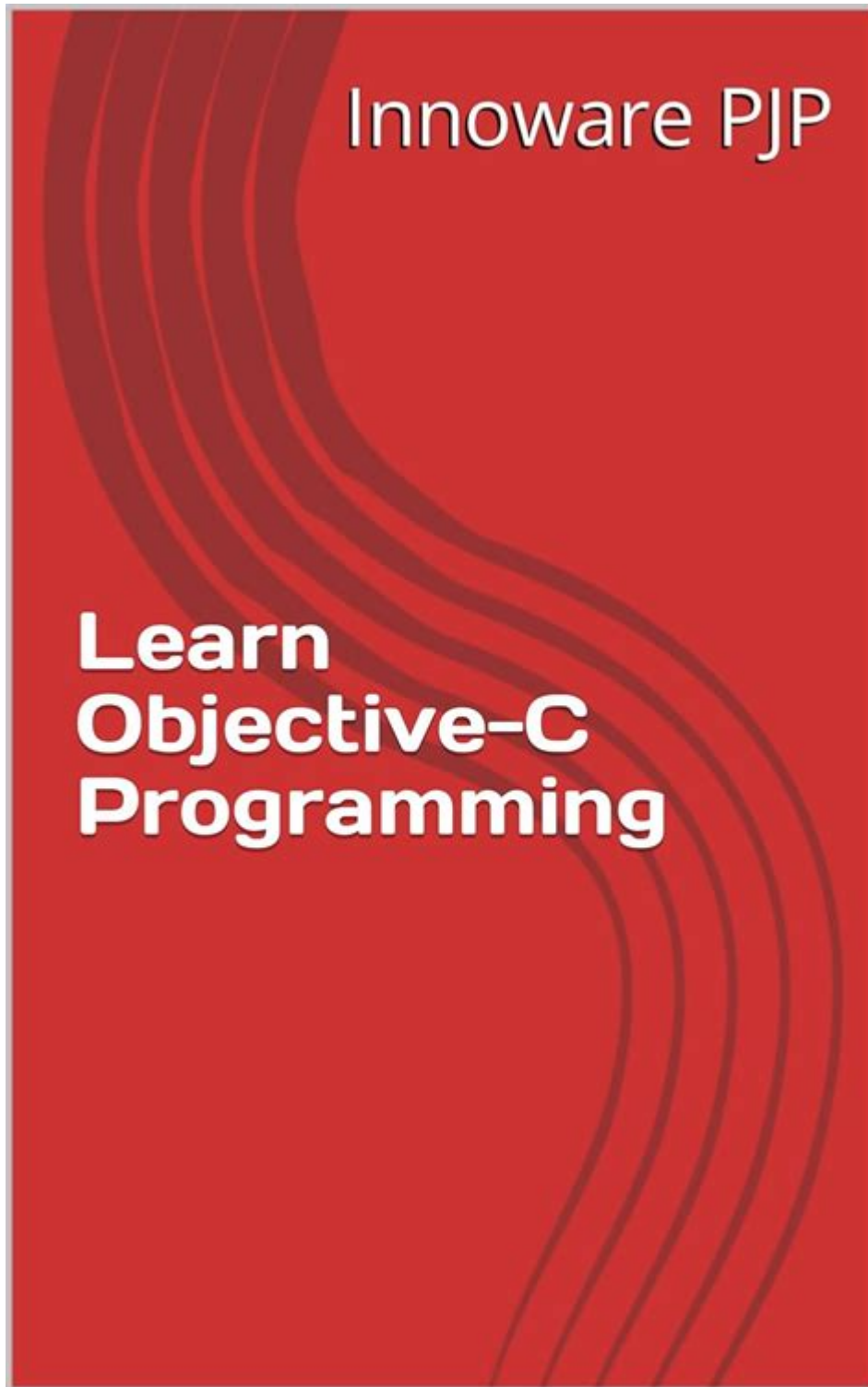


Where To Learn Objective C



Where to learn Objective-C is a question many aspiring iOS developers find themselves asking as they embark on their journey into mobile app development. Objective-C, the programming language that was once the primary language for iOS development, offers a unique blend of C and Smalltalk syntax, making it essential for understanding legacy code and certain frameworks in the Apple ecosystem. In

this article, we will explore various resources and platforms where you can learn Objective-C effectively.

Why Learn Objective-C?

Before diving into where to learn Objective-C, it's essential to understand why this programming language is worth your time. Here are a few reasons:

- **Legacy Code:** Many existing iOS applications are built using Objective-C. Knowledge of this language allows developers to maintain and update these applications.
- **Foundation for Swift:** Learning Objective-C provides a solid foundation for understanding Swift, Apple's more modern programming language.
- **Rich Libraries and Frameworks:** Objective-C has access to a vast array of libraries and frameworks, particularly those that are older and still widely used in certain applications.

Online Courses

Online courses are one of the most popular and effective ways to learn Objective-C. Here are some reputable platforms that offer structured courses:

1. Udemy

Udemy is a well-known online learning platform that offers numerous courses on Objective-C. Some notable courses include:

- **iOS 12 & Swift - The Complete iOS App Development Bootcamp:** This course covers both Objective-C and Swift, making it ideal for beginners who want a comprehensive understanding of iOS development.
- **Objective-C for Beginners:** A focused course that introduces the basics of Objective-C, including syntax, object-oriented programming, and memory management.

2. Coursera

Coursera partners with universities and organizations to offer courses that often come with certifications. Look for courses like:

- **iOS App Development with Objective-C:** This course provides hands-on experience with Objective-C and focuses on creating real-world applications.
- **Programming for Everybody:** While not exclusively about Objective-C, this course helps in building programming fundamentals that are applicable across languages.

3. edX

edX offers courses from top universities, including MIT and Harvard. Some courses that include

Objective-C components are:

- **Introduction to Computer Science and Programming Using Python:** This course provides a strong foundation in programming concepts, which can be beneficial before diving into Objective-C.
- **Mobile App Development:** This series often includes modules on Objective-C and Swift, providing a well-rounded approach to mobile app development.

Books

Books remain a valuable resource for learning programming languages. A well-structured book can provide in-depth knowledge and reference material. Here are some recommended titles:

1. "Programming in Objective-C" by Stephen G. Kochan

This book is an excellent starting point for beginners. It covers the fundamentals of Objective-C programming and includes practical examples and exercises.

2. "Objective-C Programming: The Big Nerd Ranch Guide" by Aaron Hillegass and Mikey Ward

This book is known for its hands-on approach. It provides a comprehensive guide to Objective-C programming and is particularly useful for those who prefer learning through projects.

3. "iOS Programming: The Big Nerd Ranch Guide" by Christian Keur and Aaron Hillegass

Although it focuses on iOS programming as a whole, this book includes a significant amount of Objective-C content, making it a useful resource for aspiring iOS developers.

Interactive Learning Platforms

Interactive platforms can enhance the learning experience by allowing students to practice coding in real-time. Here are some platforms that offer interactive learning for Objective-C:

1. Codecademy

Codecademy offers an interactive course on Objective-C that helps beginners grasp the fundamentals of programming in this language through hands-on coding exercises.

2. Pluralsight

Pluralsight provides a wide range of courses on Objective-C, including beginner to advanced levels. Their interactive learning paths are designed to guide learners step-by-step through the programming process.

3. Treehouse

Treehouse offers a variety of courses on mobile development, including Objective-C. Their platform

includes quizzes and coding challenges that reinforce learning.

Community and Forums

Being part of a learning community can greatly enhance your understanding of Objective-C. Here are some forums and communities where you can ask questions, share knowledge, and connect with other learners:

1. Stack Overflow

Stack Overflow is a question-and-answer site for programmers. You can find a wealth of information about Objective-C, including solutions to common problems and best practices.

2. Reddit

Subreddits like [r/iOSProgramming](#) and [r/learnprogramming](#) are great places to connect with other learners and experienced developers. You can ask questions, share resources, and engage in discussions about Objective-C.

3. Apple Developer Forums

Apple's official developer forums provide a space for developers to discuss various topics, including Objective-C. You'll find a community of experienced developers willing to help newcomers.

YouTube Channels

YouTube is a treasure trove of free educational content. Many channels focus specifically on Objective-C and iOS development. Here are a few to consider:

1. The Net Ninja

The Net Ninja offers a series of tutorials on various programming languages, including Objective-C. The tutorials are easy to follow and suitable for beginners.

2. CodeWithChris

CodeWithChris specializes in iOS development tutorials. While the focus is primarily on Swift, there are excellent resources on Objective-C as well, especially for understanding the transition between the two languages.

3. Sean Allen

Sean Allen provides tutorials and discussions on iOS development. His content covers various aspects of programming, including Objective-C.

Practice Projects

One of the best ways to solidify your understanding of Objective-C is through practical application. Working on projects will give you hands-on experience and help you build a portfolio. Here are some

project ideas:

1. **Simple To-Do List App:** Create a basic application to manage tasks, which will help you learn about data storage and user interface design.
2. **Weather App:** Build a weather app that fetches data from an API. This project will teach you about networking and handling JSON data.
3. **Personal Budget Tracker:** Develop an app that helps users track their expenses and income, which will provide experience in data management and user input handling.

Conclusion

In conclusion, there are numerous resources available for those looking to learn Objective-C. From online courses and books to interactive platforms and community forums, aspiring developers have a wealth of options. As you embark on your journey to learn Objective-C, remember that consistent practice and engagement with the community are key to mastering this powerful language. Whether you are maintaining legacy code or looking to understand the foundations of iOS development, investing your time in learning Objective-C will undoubtedly pay off in the long run.

Frequently Asked Questions

What are the best online platforms to learn Objective-C?

Some of the best online platforms to learn Objective-C include Udemy, Coursera, and LinkedIn Learning, which offer various courses tailored to different skill levels.

Are there any free resources for learning Objective-C?

Yes, free resources for learning Objective-C include Apple's official documentation, YouTube tutorials, and free courses on platforms like edX and Codecademy.

Is it better to learn Objective-C or Swift for iOS development?

While Swift is the more modern and preferred language for new iOS projects, learning Objective-C can be beneficial for understanding legacy code and maintaining older applications.

What books are recommended for learning Objective-C?

Some recommended books for learning Objective-C include 'Programming in Objective-C' by Stephen G. Kochan and 'Objective-C Programming: The Big Nerd Ranch Guide' by Aaron Hillegass.

Can I learn Objective-C without prior programming experience?

Yes, you can learn Objective-C without prior programming experience, but having some basic knowledge of programming concepts will make the learning process smoother.

What is the best way to practice Objective-C after learning the basics?

The best way to practice Objective-C after learning the basics is to work on small projects, contribute to open-source projects, or build simple apps to reinforce your skills.

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