

# iPhone SDK Development

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Packing the power of desktop applications into a small mobile device, the iPhone SDK offers developers the ability to create dynamic, visually-appealing, and highly-capable mobile applications, using the same APIs and tools that Apple uses for its own applications. However, harnessing that power means learning new tools, new APIs, and even a whole new programming language.

**iPhone SDK Development** is a Pragmatic guide to get you started developing applications for iPhone and iPod touch. With it, you'll get a complete understanding of the tools and techniques needed to succeed on the platform:

- Use the XCode IDE to manage your source code, images, sounds, database files, and other application resources, building your app and deploying it onto your own device for testing.
- Develop your user interface the visual, code-free way, with Interface Builder.
- Master the iPhone's unique user interface components, including tables, tab bars, navigation bars, and the multi-touch interface.
- Connect your iPhone to the outside world with networking, exploit the power of a relational database with SQLite, and rock out with first-class support for audio and video.
- Make use of the iPhone's unique mobile APIs, like geolocation and the motion-sensing accelerometer
- Use XCode's powerful performance and debugging tools to eliminate memory leaks, zombies, and other hazards.
- Understand the process for packaging your application for end-user distribution through Apple's App Store.
- With explanations of the big picture and an eye to the little details that you'll need, iPhone SDK Development will help you succeed on today's most important mobile platform.

Link: <http://pragprog.com/titles/amiphd/iphone-sdk-development>

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