

# Swift Highlights

Swift 6 helps you write safer code with compile-time data-race safety — and Swift Testing gives you expressive and intuitive APIs to test your code.

## Data-race safety by default

Swift 6 makes concurrent programming dramatically easier by diagnosing data races at compile time with a new language mode, helping you find and fix bugs faster.

## Swift Testing

Experience the new framework with expressive APIs that make it easy to write tests — with features like parameterization to run the same test over a series of values, and tags to flexibly organize your tests.

## New, opt-in language mode

The Swift 6 language mode is opt-in, so you can migrate your code when you're ready, one module at a time. And you can migrate independently of any package dependencies.

## Swift wherever you are

- Support has expanded for text editors that leverage the Language Server Protocol.
- Linux support includes Debian and Fedora.

## Community resources

- Read community-authored guides, including the new Swift 6 migration guide on [swift.org](https://swift.org).
- Visit [github.com/swiftlang](https://github.com/swiftlang) — the new GitHub organization dedicated to Swift that will host critical projects like the Swift compiler and Foundation.

### Getting started?

Explore the Swift Pathway on [developer.apple.com](https://developer.apple.com) >