

☰ Documentation

Xcode / Distribution

Distribution

Prepare your app and share it with your team, beta testers, and customers.

Topics

Essentials

📄 Preparing your app for distribution

Configure the information property list and add icons before you distribute your app.

Distribution and release

📄 Distributing your app for beta testing and releases

Release your app to beta testers and users.

📄 Distributing your app to registered devices

Register devices in your developer account and deploy your app to them for testing.

📄 Packaging Mac software for distribution

Build a zip archive, disk image, or installer package for distributing your Mac software.

Code signing

📄 Creating distribution-signed code for macOS

Sign Mac code for distribution using either Xcode or command-line tools.

📄 Using the latest code signature format

Update legacy app code signatures so your app runs on current OS releases.

📄 Notarizing macOS software before distribution

Give users even more confidence in your macOS software by submitting it to Apple for notarization.

 **Signing a daemon with a restricted entitlement**

Wrap a daemon in an app-like structure to use an entitlement that's authorized by a provisioning profile.

 **Synchronizing code signing identities with your developer account**

Ensure you and other team members can sign your organization's code and installer packages in Xcode.

 **TN3125: Inside Code Signing: Provisioning Profiles**

Learn how provisioning profiles enable third-party code to run on Apple platforms.

Testing

 **Testing a release build**

Run your app in simulated user environments to discover and identify deployment errors.

 **Testing a beta OS**

Manage unintended differences in your app by testing beta operating-system (OS) releases.

Feedback

 **Viewing and responding to feedback from beta testers**

Follow up on feedback from beta testers using the Feedback organizer.

See Also

Distribution and continuous integration

 **Xcode Cloud**

Automatically build, test, and distribute your apps with Xcode Cloud to verify changes and create high-quality apps.