Mastering Source Control in Xcode 4

Session 311

Brent Shank Software Engineer, Xcode

These are confidential sessions—please refrain from streaming, blogging, or taking pictures

Agenda

- Introduction
- Sharing your code
- Using branches effectively

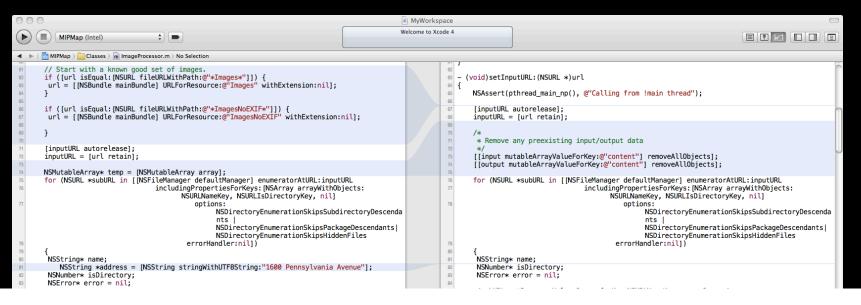
Introduction

- Editing
- Committing changes
- Viewing history
- Managing repositories

Demo

Summary

- Edit
- Commit changes
- View history
- Manage repositories



Sharing Your Code

Kevin Lindeman Software Engineer, Xcode

Sharing Your Code

- Creating new projects using source control
- Configuring remotes
- Pushing changes

	Choose the remote to which to push changes. The remote must be online and reachable for the push operation to succeed. Remote: origin/master \$
Repository	is online Cancel Push

Demo

Branching and Merging

Branches Are Great!

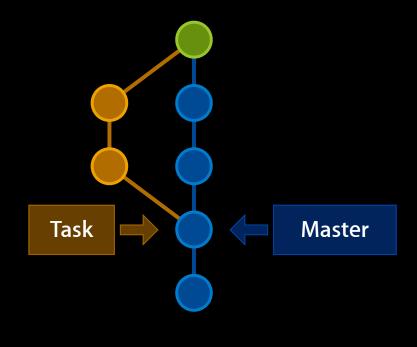
- Trunk
- Bug fix
- Task
- Release



Branches Are Great!

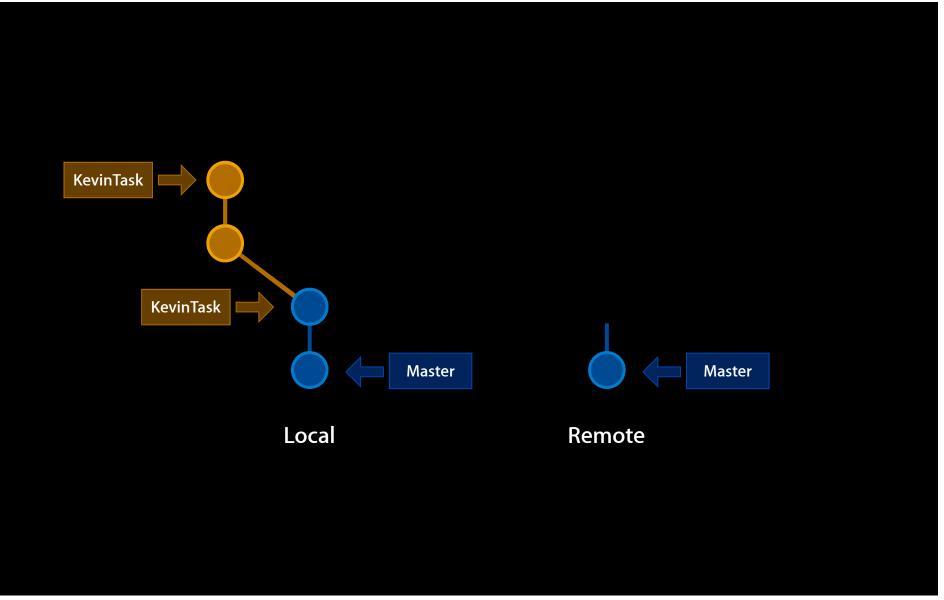
- Isolate changes
- Reduce regressions
- Simplify code reviews

Anatomy of a Task Branch



Branching and Merging

- Creating branches
- Switching
- Merging



Demo

Summary

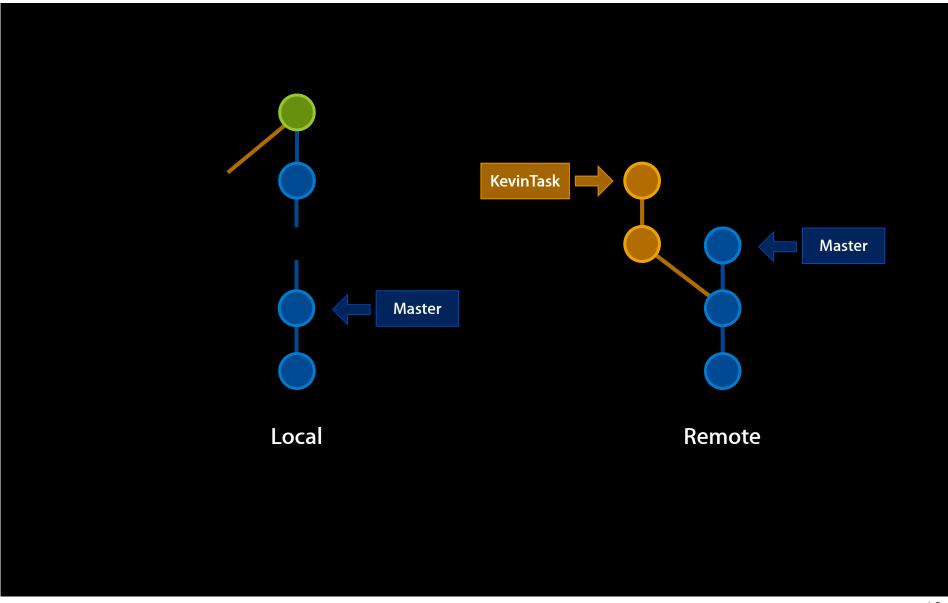
- Create new projects using source control
- Share your code
- How to use branches

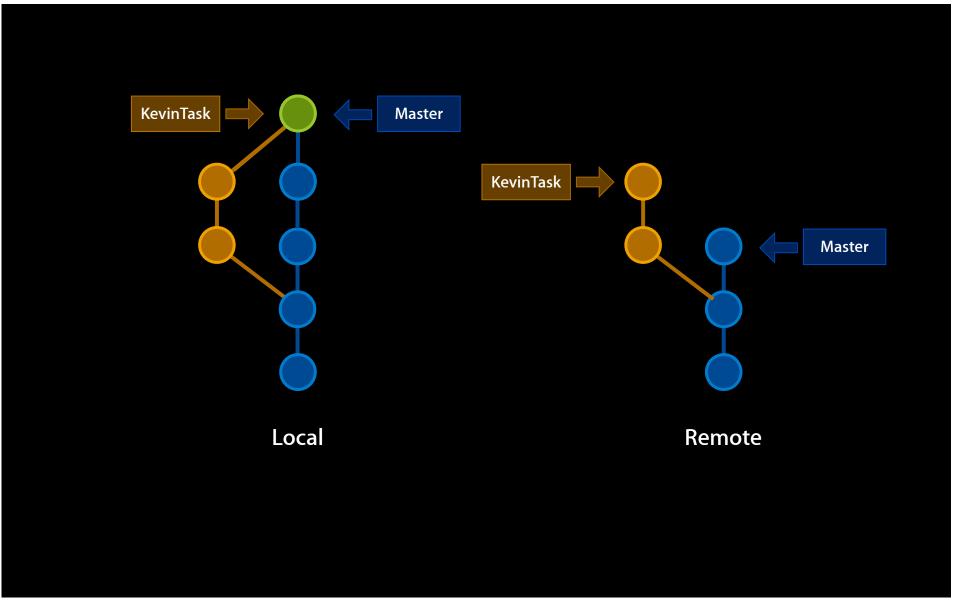
Sharing Your Code Resolving conflicts

Kerry Hazelgren Software Engineering Manager, Xcode

Sharing Your Code

- Creating a tracking branch
- Resolving conflicts
- Sharing the final result





Demo

Summary

- Create a tracking branch
- Resolve conflicts
- Share the final result

Conclusion

- Source control that works with you
- Easily share code with others
- Isolate changes using branches
- Eliminate conflicts before they happen

More Information

Michael Jurewitz Developer Tools and Performance Evangelist jurewitz@apple.com

Apple Developer Forums http://devforums.apple.com

Labs

Xcode for iOS Development LabDeveloper Tools Lab A
Wednesday 4:30PMXcode 4 LabDeveloper Tools Lab A
Thursday 11:30AM

