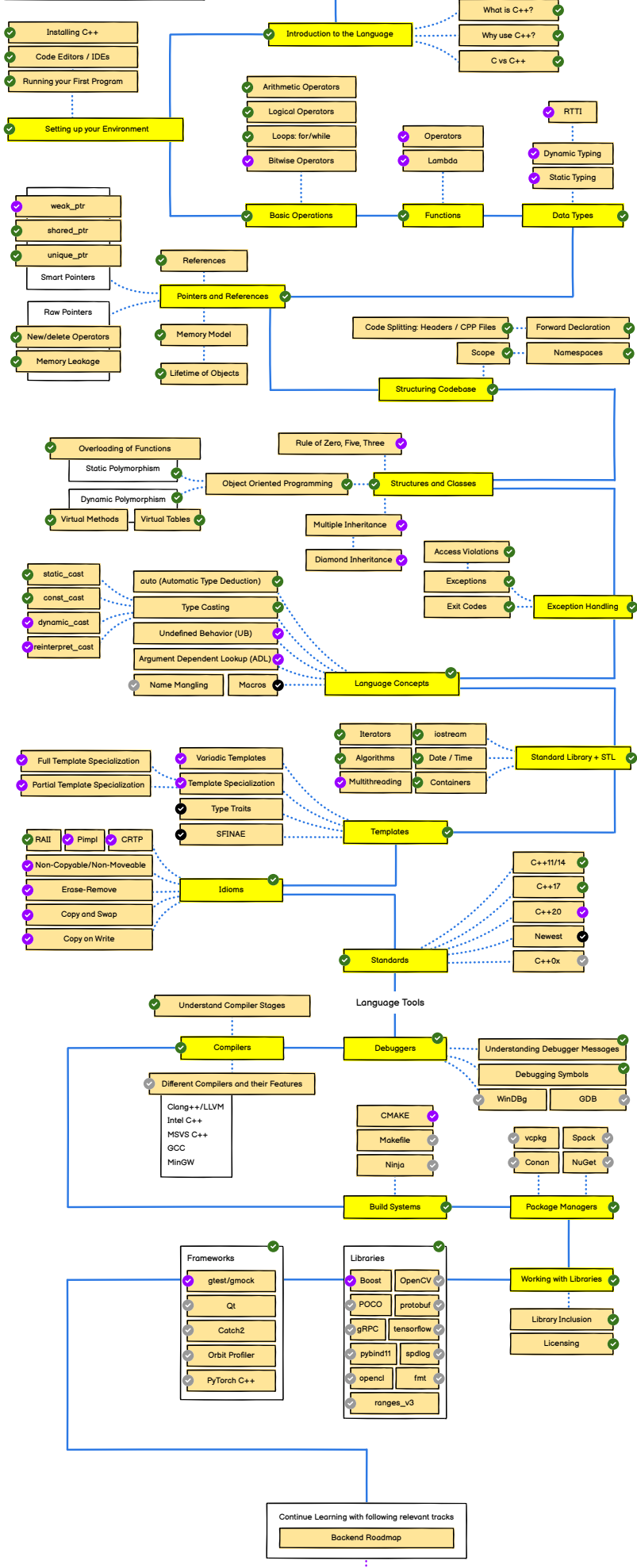


- 🟢 Beginner Topics / Start with these
  - 🟡 Intermediate Topics / Pick them next
  - 🔴 Advanced Topics / Pick them in the end
  - ⚪ Optional / Learn if you want
- References / Additional Resources
- 🔗 Salmer's C++ Roadmap

Find the detailed version of this roadmap along with resources and other roadmaps  
<https://roadmap.sh>



Relevant Roadmaps

- ✔ React Roadmap
- ✔ JavaScript Roadmap
- ✔ Frontend Roadmap

Find the detailed version of this roadmap along with resources and other roadmaps

<https://roadmap.sh>

# React Native

## Introduction

- What is React Native?
- Why use React Native?
- React Native Alternatives

## Learn the Pre-requisites

- JavaScript Basics
- CSS Basics

- React Basics
- Components
- State
- Props
- JSX

## Environment Setup

- Expo
  - create-expo-app
  - Expo Snack
  - Expo Tradeoffs
- React Native CLI
- Metro Bundler

Running on Device

## Development Workflow

### Debugging

- In-App Developer Menu
- Enabling Fast Refresh
- LogBox
- Sourcemaps
- DevTools

## Core Components

- Text
- Text Input
- Button
- Image
- ImageBackground
- Switch
- StatusBar
- ActivityIndicator
- Modal
- Pressable
- Connectivity Status

### View

- SafeAreaView
- KeyboardAvoidingView

### Listings

- FlatList
- SectionList
- ScrollView
- List Views
- RefreshControl

## Writing Platform Specific Code

- Platform Module
- File Extensions
- react-native-web

## Styling

- Stylesheets
- Layouts and Flexbox
- Accessibility

## Networking

- Fetch
- Websockets

## Push Notifications

## Interactions

- Touchable
- Gesture Responder System
- Scrolling and Swiping
- Screen Navigation
- Animations

## Deep Linking

## Storage

- Expo Ecosystem
  - expo-secure-store
  - expo-file-system
  - expo-sqlite
- react-native-async-storage
- Other Storage Options

## Security

- Authentication
- Networking
- Storage

## Testing

- Jest
- Component Tests
  - React Test Renderer
  - React Native Testing Library
- E2E Testing
  - Detox
  - Appium

## Performance

- Understand Frame Rates
- Common Problem Sources
- Speeding up Builds
- Optimizing Flatlist Config
- RAM Bundles + Inline Requires
- Profiling

## Publishing Apps

- Apple App Store
- Google Play Store

## Using Native Modules

- For iOS
- For Android

Keep Learning