

React Native for Windows + macOS 0.72

Docs

APIs

Blog

Resources

Samples

Support

NATIVE MODULES (WINDOWS)

Using Community Native Modules

Edit

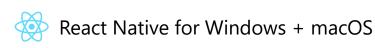
Community native modules are usually distributed as npm packages. To understand more about npm packages you may find this guide useful.

Consuming native modules requires updating your app's native build files to depend on the module's native build files, called "linking". Many modules support "autolinking", where these updates are done automatically when running <code>npx react-native run-windows</code>. Others may require you to link the module manually.

This document outlines the general steps to manually link a module (react-native-foo) to your project.

Not all community modules have been updated to work with Windows. If you find a module that doesn't work with Windows, please file an <u>issue on GitHub</u>. We're tracking the list of incompatible modules that we're working to add support for <u>on</u> GitHub.

Note that individual modules may have different or specific steps for linking to Windows. The steps outlined in this doc are useful if the module repo doesn't outline how to use the module on Windows.



Docs

APIs

Blog

Resources

Samples

Support

Step 1: Update the solution file

Add the ReactNativeFooCPP project to your solution.

- 1. Open the solution in Visual Studio 2019
- 2. Right-click Solution icon in Solution Explorer > Add > Existing Project
- 3. Select node_modules\react-nativefoo\windows\vNext\ReactNativeFooCPP\ReactNativeFooCPP.vcxproj

Step 2: Update the .vcxproj file

Add a reference to ReactNativeFooCpp to your main application project. From Visual Studio 2019:

- 1. Right-click main application project > Add > Reference...
- 2. Check ReactNativeFooCpp from Solution Projects

Step 3: Update the pch.h file

Add #include "winrt/ReactNativeFooCPP.h".

Step 4: Register the package

Add PackageProviders().Append(winrt::ReactNativeFooCPP::ReactPackageProvider()); before InitializeComponent(); .

Native Modules vs Turbo Modules

Autolinking Native Modules >



React Native for Windows + macOS 0.72

	Docs	APIs	Blog	Resources	Samples	Support
	Getting Started		Cot Started with Windows		Blog	
Tutorial Components and APIs			Get Started with Windows		Twitter	
			Get Started with macOS		GitHub	
	More Resources		React Native Windows Components and APIs		Samples	
		Native Modules				
			Native UI Components			