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THE BASICS (WINDOWS)

React Native Windows CLI   Edit

This guide will give you more information on the React Native Windows CLI.

@react-native-windows/cli

`@react-native-windows/cli` is a CLI used to build and run React Native for Windows apps.

Usage

Run this from an existing React Native for Windows app to build and deploy.

```
npx react-native run-windows
```
Copy

Options

Here are the options that `react-native run-windows` takes:

OPTION	INPUT TYPE	DESCRIPTION
`--release`	boolean	Specifies a Release build
`--root`	string	Override the root directory for the windows build which contains the windows folder. (default: `E:\\test63`)

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		architecture
`--singleproc`	boolean	Disables multi-proc build
`--emulator`	boolean	Deploys the app to an emulator
`--device`	boolean	Deploys the app to a connected device
`--target`	string	Deploys the app to the specified `GUID` for a device
`--remote-debugging`	boolean	Deploys the app in remote debugging mode.
`--logging`	boolean	Enables logging
`--no-packager`	boolean	Do not launch packager while building
`--bundle`	boolean	Enable Bundle configuration and it would be `ReleaseBundle` / `DebugBundle` other than `Release` / `Debug`
`--no-launch`	boolean	Do not launch the app after deployment
`--no-autolink`	boolean	Do not run autolinking
`--no-build`	boolean	Do not build the solution
`--no-deploy`	boolean	Do not deploy the app
`--deploy-from-layout`	boolean	Force deploy from layout, even in release builds
`--sln`	string	Override the app solution file determined by 'react-native config', e.g. `windows\myApp.sln`
`--proj`	string	Override the app project file determined by 'react-native config', e.g. `windows\myApp\myApp.vcxproj`
`--msbuildprops`	string	Comma separated props to pass to MSBuild, e.g. `prop1=value1,prop2=value2`

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`BuildLogDirectory`		
`--info`	boolean	Dump environment information
`--direct-debugging`	number	Enable direct debugging on specified port
`--useWinUI3`	boolean	Targets `WinUI` 3.0 (Preview) instead of UWP XAML.
`--useHermes`	boolean	Use Hermes instead of Chakra as the JS engine (supported on 0.64+)
`--no-telemetry`	boolean	Disables sending telemetry that allows analysis of usage and failures of the react-native-windows CLI
`-h , --help`	boolean	output usage information

This sends telemetry to Microsoft by default. You can prevent the telemetry from being sent by using the `--no-telemetry` command line option. See the below for more details.

The software may collect information about you and your use of the software and send it to Microsoft. Microsoft may use this information to provide services and improve our products and services. You may turn off the telemetry as described in the repository. There are also some features in the software that may enable you and Microsoft to collect data from users of your applications. If you use these features, you must comply with applicable law, including providing appropriate notices to users of your applications together with a copy of Microsoft's privacy statement. Our privacy statement is located at https://go.microsoft.com/fwlink/?LinkID=824704. You can learn more about data collection and use in the help documentation and our privacy statement. Your use of the software operates as your consent to these practices.

This data collection notice only applies to the process of running the react-native-windows CLI (run-windows and related tools like autolinking).

‹ System Requirements

React Native Windows Components and APIs ›

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