

NativeScript Plugins

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Augmenting NativeScript Functionality

- NativeScript can make use of NPM modules
- NativeScript plugins are NPM modules that can access native code and use Android and iOS SDKs
- NativeScript also gives you the option to dig into native code as needed, directly from TypeScript.

NativeScript Plugins

- NativeScript plugins are npm packages with some added native functionality
 - Finding, installing, and removing NativeScript plugins works a lot like working with npm packages you might use in your Node.js or front-end web development
- Installing Plugins
 - `tns plugin add <plugin-name>`

What is in a NativeScript Plugin?

- A package.json file which contains the following metadata: name, version, supported runtime versions, dependencies and others.
- One or more CommonJS modules that expose a native API via a unified JavaScript API.
- (Optional) AndroidManifest.xml and Info.plist which describe the permissions, features or other configurations required or used by your app for Android and iOS, respectively.
- (Optional) Native Android libraries and the native Android include.gradle configuration file which describes the native dependencies.
- (Optional) Native iOS libraries and the native build.xcconfig configuration file which describes the native dependencies.