

### Create Project

`start` Starts a new Ionic project in the specified PATH [options] any flags for the command <PATH> directory for the new project [template] Starter templates can either come from a named template, (ex: tabs, sidemenu, blank), a Github repo, a Codepen url, or a local directory. Codepen url, ex: <http://codepen.io/ionic/pen/odqCz> Defaults to Ionic "tabs" starter template

[-- appname] Human readable name for the app (Use quotes around the name) -a]

[--id|-i] Package name for <widget id> config, ex: com.mycompany.myapp

### Create Project (cont)

[--skip-npm] Skip npm package installation

[--no-cordova] Create a basic structure without Cordova requirements a|-w]

[--sass|-s] Setup the project to use Sass CSS precompiling

[--list|-l] List starter templates available

[--io-app-id] The Ionic.io app ID to use

[--template|-t] Project starter template

[--v2|-v] Start a Ionic v2 project

[--zip-file|-z] URL to download zipfile for starter template

### Local Dev-Server

`serve` Start a local development server for app dev/testing [options]

[--consolelogs] Print app console logs to Ionic CLI -c]

[--serverlogs|-s] Print dev server logs to Ionic CLI

[--port|-p] Dev server HTTP port (8100 default)

[--livereload-port|-r] Live Reload port (35729 default)

[--nobrowser|-b] Disable launching a browser

[--nolivereload|-d] Do not start live reload

[--noproxy|-x] Do not add proxies

[--address] Use specific address or return with failure

[--all|-a] Have the server listen on all addresses (0.0.0.0)

[--browser|-w] Specifies the browser to use (safari, firefox, chrome)

### Local Dev-Server (cont)

[--browseropt] Specifies a path to open to (##/tab/dash) ion|-o]

[--lab|-l] Test your apps on multiple screen sizes and platform types

[--nogulp] Disable running gulp during serve

[--platform|-t] Start serve with a specific platform (ios/android)

### Ionic Cloud

`io` Integrate your app with Ionic Cloud <command> services <command> init and>

### Package

`package` Use Ionic Package to build your app <command> build android, build ios, list, info, or download [options]

[--release] (build <platform>) Mark this build as a release

[--profile|-p <tag>] (build <platform>) Specify the Security Profile to use with this build

[--noresources] (build <platform>) Do not generate icon and splash screen resources during this build

[--destination|-d <path>] (download) Specify the destination directory to download your packaged app.

### Adding Stuff

`add` Add an Ion, bower component, or addon to the project [name] The name of the ion, bower component, or addon you wish to install



By **JavaVolker**  
[cheatography.com/javavolker/](http://cheatography.com/javavolker/)

Published 24th January, 2017.  
Last updated 13th January, 2017.  
Page 1 of 4.

Sponsored by **ApolloPad.com**  
Everyone has a novel in them. Finish Yours!  
<https://apollopad.com>

### Adding Stuff (cont)

`remove [name]` Remove an Ion, bower component, or addon from the project [name] The name of the Ion, bower component, or addon you wish to remove

### Misc. Ionic Commands

`list` List Ions, bower components, or addons in the project

`info` List information about the users runtime environment

`help [command]` Provides help for a certain command [command] The command you desire help with

`hooks [add|remove|permissions|perms]` Manage your Ionic Cordova hooks [add|remove|permissions|perms] Add, remove, or modify permissions on the default Ionic Cordova hooks

### Linking App-ID to Project

`link [appId]` Sets your Ionic App ID for your project [appId] The app ID you wish to set for this project

`--reset` This will reset the Ionic App ID

### Project Setup

`setup [sass]` Configure the project with a build tool (beta) [sass] Setup the project to use Sass CSS precompiling

### Scaffolding

`generate` Generate pages and components

`--list` List available generators

`--includeSpc` Create test spec basic to pages, components, directives, pipes and providers

`--skipScss` Not create scss for components and pages

`--componentsDir` Path directory target is created component

`--directiveDir` Path directory target is created directive

`--pagesDir` Path directory target is created page

`--pipesDir` Path directory target is created pipe

`--providersDir` Path directory target is created provider

`--templateDir` Path directory templates custom to pages, components, directives, pipes and providers

### Platform Stuff

`platform <PLATFORM> [options]` Add platform target for building an Ionic app

`--noresources` Do not add default Ionic icons and splash screen resources

`--nosave` Do not save the platform to the package.json file

### Running the App

`run <PLATFORM> [options]` Run an Ionic project on a connected device

`--livereload` Live reload app dev files from the device (beta)

`--address` Use specific address (livereload req.)

`--port` Dev server HTTP port (8100 default, livereload req.)

`--consolelogs` Print app console logs to Ionic CLI (livereload req.)

`--serverlogs` Print dev server logs to Ionic CLI (livereload req.)

`--debug`

`--device`

### Emulating the App

`emulate <PLATFORM> [options]` Emulate an Ionic project on a simulator or emulator

`--livereload` Live reload app dev files from the device (beta)

`--address` Use specific address (livereload req.)

`--port` Dev server HTTP port (8100 default, livereload req.)

`--consolelogs` Print app console logs to Ionic CLI (livereload req.)

`--serverlogs` Print dev server logs to Ionic CLI (livereload req.)

`--debug`

`--device`

### Push

`push` Upload APNS and GCM credentials to Ionic Push

`--ios-dev-cert` Upload your development .p12 file to Ionic Push

`--ios-prod-cert` Upload your production .p12 file to Ionic Push



By **JavaVolker**

[cheatography.com/javavolker/](https://cheatography.com/javavolker/)

Published 24th January, 2017.

Last updated 13th January, 2017.

Page 2 of 4.

Sponsored by **ApolloPad.com**

Everyone has a novel in them. Finish Yours!

<https://apollopad.com>

### Push (cont)

`[--production-mode=y,n]` Tell Ionic Push to use production (y) or sandbox (n) APNS servers

`[--google-api-key <your-gcm-api-key>]` Set your app's GCM API key on Ionic Push

### App Configuration

`config <command> <key> <value>` Set configuration variables for your ionic app `<command>` set, unset, build, or info

`[key]` The key to set  
`[value]` The value to set

### Save and Restore App. State

`state <COMMAND>` Saves or restores state of your Ionic Application using the package.json file `<COMMAND>` [ save | restore | clear | reset ]

`[save]` Save the platforms and plugins into package.json

`[restore]` Restore the platforms and plugins from package.json

`[clear]` Clear the package.json of cordovaPlugins and cordovaPlatforms, as well as clear out the platforms and plugins folders

`[reset]` Clear out the platforms and plugins directories, and reinstall plugins and platforms

`[--plugins]` Only do operations with plugins

`[--platforms]` Only do operations with platforms

### Building Stuff

`build <PLATFORM> <options>` Build (prepare + compile) an Ionic project for a given platform.

`[--nohooks]` Do not add default Ionic hooks for Cordova

### Plugins

`plugin add <options> <SPEC>` Add a Cordova plugin `<SPEC>` Can be a plugin ID, a local path, or a git URL.

`[--searchpath <directory>]` When looking up plugins by ID, look in this directory and subdirectories first for the plugin before looking it up in the registry.

`[--nosave]` Do not save the plugin to the package.json file

### Resources

`resources` Automatically create icon and splash screen resources (beta)

`[--icon-i]` Generate icon resources

`[--splash-s]` Generate splash screen resources

Put your images in the `./resources` directory, named splash or icon.

Accepted file types are `.png`, `.ai`, and `.psd`.

Icons should be 192x192 px without rounded corners.

Splashscreens should be 2208x2208 px, with the image centered in the middle.

### Uploading

`upload` Upload an app to your Ionic account

`[--email-e]` Ionic account email

`[--password-p]` Ionic account password

`[--note]` The note to signify the upload

`[--deploy <channel_tag>]` Deploys the upload to the given channel. Defaults to the Dev channel

### Sharing

`share <EMAIL>` Share an app with a client, co-worker, friend, or customer `<EMAIL>` The email to share the app with

### Ionic Library

`lib <options> <update>` Gets Ionic library version or updates the Ionic library. `[update]` Updates the Ionic Framework in [www/lib/ionic](http://www.lib/ionic)

`[--version-v]` Specific Ionic version Otherwise it defaults to the latest version

### Ionic Login

`login` Login to your Ionic account

`[--email-e]` Ionic account email

`[--password-p]` Ionic account password



By **JavaVolker**

[cheatography.com/javavolker/](https://cheatography.com/javavolker/)

Published 24th January, 2017.

Last updated 13th January, 2017.

Page 3 of 4.

Sponsored by **ApolloPad.com**

Everyone has a novel in them. Finish Yours!

<https://apollopod.com>

### Security

security <comma  
<command>  
<TOP  
IC>  
[options] Store your app's credentials for the Ionic Cloud <command> profiles list, profiles add "<name>", credentials android, or credentials ios

[--profile <tag>] (credentials <platform>) Specify the profile on which these credentials are saved

[--keystore|-s <path>] (credentials android) Specify the location of your keystore file

[--keystore-password|-p <password>] (credentials android) Specify your keystore password (exclude for prompt)

[--key-alias|-k <alias>] (credentials android) Specify your key alias for this app

[--key-password|-w <password>] (credentials android) Specify your key password for this app (exclude for prompt)

[--cert|-c <path>] (credentials ios) Specify the location of your .p12 file

[--cert-password|-p <password>] (credentials ios) Specify your certificate password (exclude for prompt)

[--provisioning-profile|-r <path>] (credentials ios) Specify the location of your .mobileprovision file

### Ionic Documentation

docs <TOP  
IC> Opens up the documentation for Ionic

<TOPIC> the topic to view help documentation for. Use "ls" to view all topics



By **JavaVolker**

[cheatography.com/javavolker/](https://cheatography.com/javavolker/)

Published 24th January, 2017.

Last updated 13th January, 2017.

Page 4 of 4.

Sponsored by **ApolloPad.com**

Everyone has a novel in them. Finish Yours!

<https://apollopad.com>