

Capacitor

<https://capacitor.ionicframework.com/docs/getting-started/with-ionic>

setup

initialize ionic project

```
npm install -g ionic

# select N for cordova
ionic start myApp sidemenu
cd myApp

# capacitor conflicts with Cordova's Splashscreen Plugin
npm uninstall --save cordova-plugin-splashscreen
```

add capacitor

```
npm install --save @capacitor/core @capacitor/cli

npx cap init

# or ...
npx cap init gianomobile org.csgalileo.gianomobile
```

build www folder

```
npm run build
```

add platform

```
npx cap add android
npx cap sync

# desktop
# npx cap add electron
```

android studio:

- remove android/.gradle and android/.idea folders
- adjust android/local.properties
- import project as external gradle model from <project/android> folder

[local.properties](#)

```
ndk.dir=/opt/android-ndk-r14b  
sdk.dir=/opt/android-sdk
```

add plugin

```
npm install really-cool-plugin  
npx cap update
```

workflow

- ionic serve
- edit sources

deploy:

- npm run build
- npx cap sync # to sync platforms
- apk with android studio

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