# Ionic notes

Check Node version user ---- node –v

To install ionic

From node --- npm install –g ionic cordova

To check ionic version ---- ionic –v

To get info --- ionic info

## To build ionic app

--- ionic start helloWorld blank –v2 (for blank template) (v2 for ver 2)

--- ionic start helloWorld tabs (for tabs)

Note – now use ionic start firstapp –type=ionic-angular

To run --- ionic serve (in dir) local host 8100

For plugins

Add –save so it gets added to json package automatically

TO deploy to android

--- ionic platform add android

--- ionic run android - this will build and deploy to real android device connected by usb or launch in emulator

--- ionic run android –l live reload