**How to Install Ionic Framework**

Ionic is a powerful HTML5 native app development framework that helps you build native-feeling mobile apps all with web technologies like HTML, CSS, and Javascript.

Ionic is focused mainly on the look and feel, and UI interaction of your app. That means we aren't a replacement for [PhoneGap](http://phonegap.com/) or your favorite Javascript framework. Instead, Ionic simply fits in well with these projects in order to simplify one big part of your app: the front end.

**Step1:Install Node.js:**

git clone git://github.com/ry/node.git

cd node

./configure

make

sudo make install

**Step 2:Install Nvm:**

curl https://raw.githubusercontent.com/creationix/nvm/v0.11.1/install.sh | bash

=> Close and reopen your terminal to start using NVM

source ~/.profile

nvm ls-remote

sudo apt-get install git

nvm install 0.10.13

node --version

nvm install v0.8.16

nvm use v0.10.13

n=$(which node);n=${n%/bin/node}; chmod -R 755 $n/bin/\*; sudo cp -r $n/{bin,lib,share} /usr/local

**Step 3:Install Cordova:**

sudo npm install -g cordova

**Step 4:Install Ionic:**

sudo npm install -g ionic

**Step5:Create Project**

ionic start todo blank

**How to Install Bower**

Bower is a front-end package manager for the web which runs over Git, and is package-agnostic.

Follow all the step given above:

After this:

sudo apt-get update

sudo apt-get install git-core

sudo npm cache clean

sudo npm install -g bower

**How to Install Gulp**

[Gulp.js](http://gulpjs.com/) is a task runner that can help your front-end developing experience greatly. The purpose of a task runner is to automate tedious tasks that you have to do over and over again in the course of a project. Grunt.js is another such popular task runner that many developers are using for automating frontend processes.

Gulp.js uses code over configuration for setting up its tasks and this makes it very easy to maintain for the project. Additionally, it uses Node.js streams which makes it very fast. A key difference between Gulp and Grunt is that instead of setting up an input/output for each plugin, Gulp pipes through all the set up plugins the source files to then produce the destination files.

Run this Command:

npm install gulp -g

sudo apt-get update

sudo apt-get install ruby-full rubygems

sudo gem install sass

npm install gulp --save-dev

npm install gulp-ruby-sass gulp-autoprefixer gulp-minify-css gulp-rename --save-dev

P.S:For install any Module:

sudo npm install event-stream –save-dev

event-stream is the name of module