

Second task

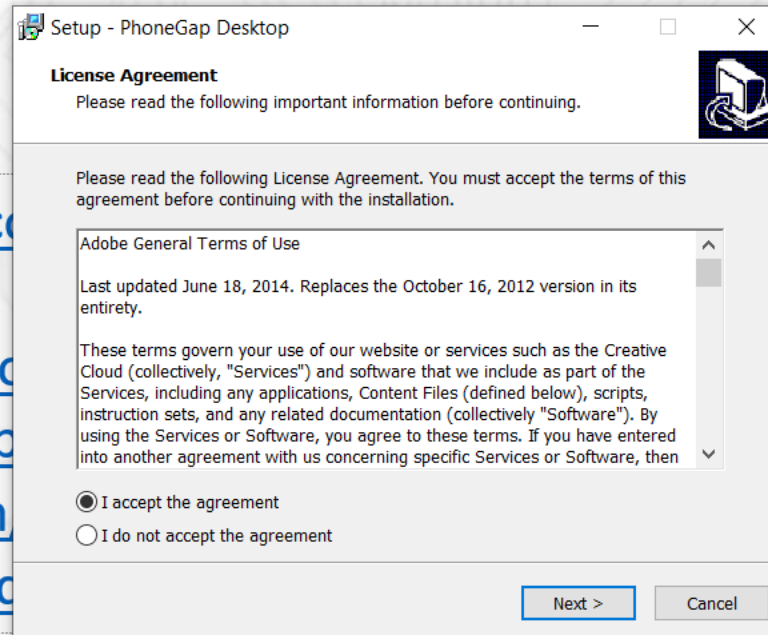
- **Install PhoneGap**




المرجع التعليمي



- <http://docs.phonegap.com/en/3.0.0/phonegap/desktop/>
- <https://developer.amazon.com/add-plugin-to-cordova-p>
- <https://github.com/don>
- <https://github.com/rand>

[illegible]

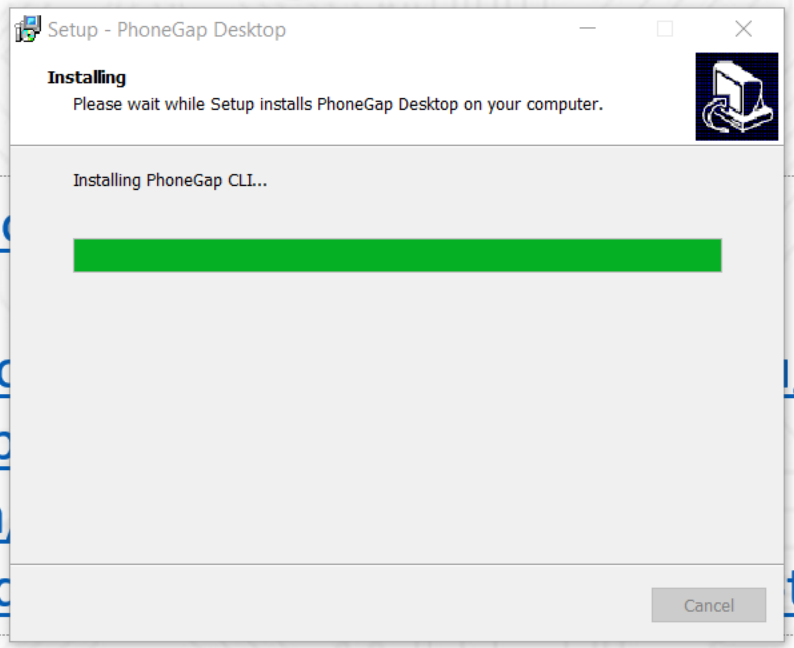


المرجع التعليمي



SmartMethods
الأساليب الذكية

- <http://docs.phonegap.com/en/4.0.0/phonegap/desktop/>
- <https://developer.amazon.com/docs/add-plugin-to-cordova-p>
- <https://github.com/don>
- <https://github.com/ranc>



Setup - PhoneGap Desktop

Installing

Please wait while Setup installs PhoneGap Desktop on your computer.

Installing PhoneGap CLI...

Cancel

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المرجع التعليمي



SmartMethods
الأساليب الذكية

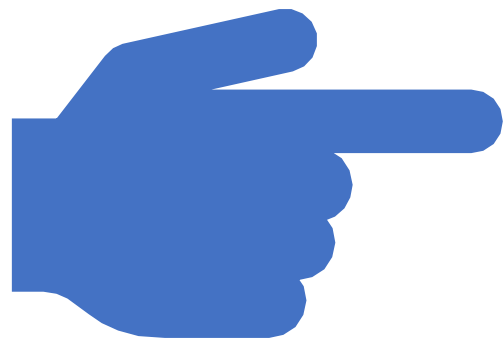
- <http://docs.phonegap.com/en/4.0.0/phonegap/desktop/>
- <https://developer.amazon.com/en-US/bluetooth-plugin-to-cordova-plugin/>
- <https://github.com/doniblanco/cordova-plugin-bluetooth>
- <https://github.com/rancher/cordova-plugin-bluetooth>

Completing the PhoneGap Desktop Setup Wizard

Setup has finished installing PhoneGap Desktop on your computer. The application may be launched by selecting the installed shortcuts.

Click Finish to exit Setup.

Finish



**Add bluetooth
plugin in PhoneGap**

Step 1

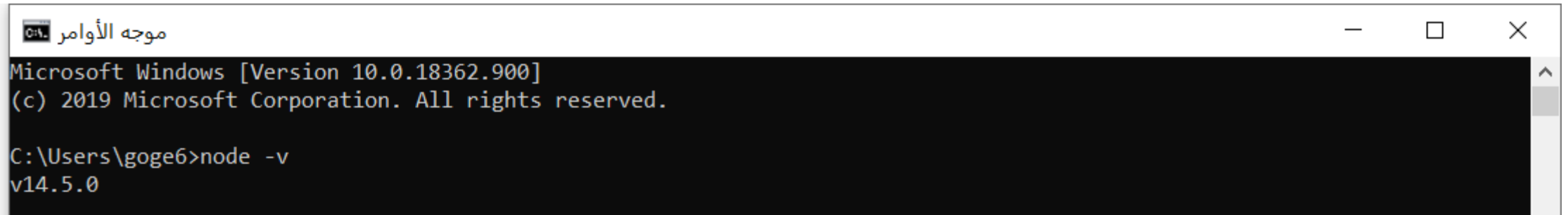
- Download and install NodeJS from here: <https://nodejs.org/en/>

A screenshot of a Node.js terminal window. The window has a title bar with the Node.js logo and the text "Node.js". The terminal content shows the welcome message for Node.js v14.5.0, followed by instructions to type ".help" for more information. The prompt ">" is visible at the end of the first line.

```
Node.js
Welcome to Node.js v14.5.0.
Type ".help" for more information.
>
```

Step 2

- check by typing “node -v” in cmd



```
موجه الأوامر
Microsoft Windows [Version 10.0.18362.900]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\goge6>node -v
v14.5.0
```


Step 3

- install cordova by typing “npm install -g cordova” in cmd.

```
C:\Users\goge6>npm install -g cordova
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
C:\Users\goge6\AppData\Roaming\npm\cordova -> C:\Users\goge6\AppData\Roaming\npm\node_modules\cordova\bin\cordova
+ cordova@9.0.0
added 432 packages from 355 contributors in 76.146s
```


Step 4

- add cordova-plugin-bluetooth-serial by typing “cordova plugin add cordova-plugin-bluetooth-serial” in cmd.*Note you should create project in PhoneGap and go to it directory.

```
C:\Users\goge6>cd desktop  
C:\Users\goge6\Desktop>cd MyAPP  
C:\Users\goge6\Desktop\MyAPP>cordova plugin add cordova-plugin-bluetooth-serial
```

Plugins directory after step4:

هذا الكمبيوتر الشخصي > سطح المكتب > MyAPP > plugins				
الاسم	^	تاريخ التعديل	النوع	الحجم
cordova-plugin-bluetooth-serial 📄		١٢:٢١ ص ٤١/١١/١٧	مجلد ملفات	
fetch 📄		١٢:٢٣ ص ٤١/١١/١٧	JSON File	١ كيلوبايت

Step 5

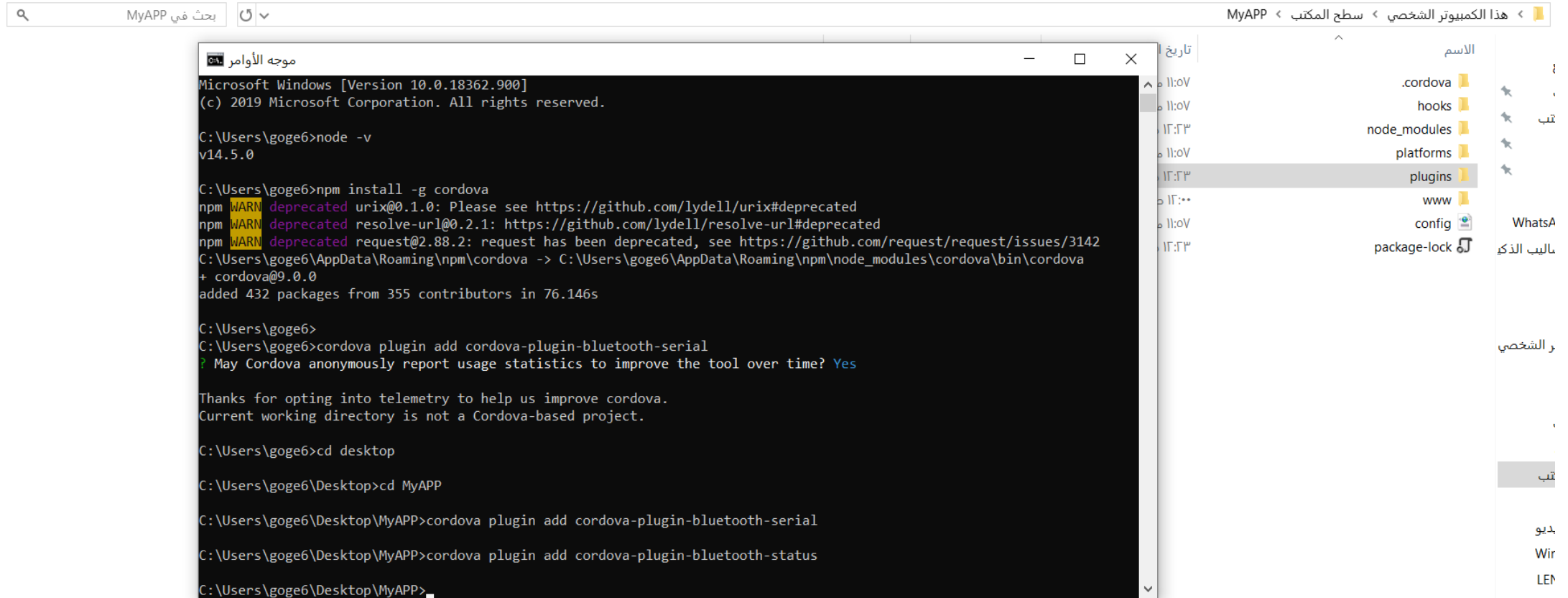
- add cordova-plugin-bluetooth-status by typing “cordova plugin add cordova-plugin-bluetooth-status” in cmd.*Note you should create project in PhoneGap and go to it directory.

```
C:\Users\goge6\Desktop\MyAPP>cordova plugin add cordova-plugin-bluetooth-status
```

Plugins directory after step5:

الكمبيوتر الشخصي < سطح المكتب < MyAPP < plugins				
الاسم	تاريخ التعديل	النوع	الحجم	
cordova-plugin-bluetooth-serial 📁	١٢:٢١ ص ٤١/١١/١٧	مجلد ملفات	١ كيلوبايت	
cordova-plugin-bluetooth-status 📁	١٢:٢٣ ص ٤١/١١/١٧	مجلد ملفات		
fetch 🎵	١٢:٢٣ ص ٤١/١١/١٧	JSON File		

The whole cmd:



The screenshot shows a Windows environment with a command prompt window and a file explorer window. The command prompt window is titled "وجه الأوامر" (Command Prompt) and shows the following commands and output:

```
Microsoft Windows [Version 10.0.18362.900]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\goge6>node -v
v14.5.0

C:\Users\goge6>npm install -g cordova
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
C:\Users\goge6\AppData\Roaming\npm\cordova -> C:\Users\goge6\AppData\Roaming\npm\node_modules\cordova\bin\cordova
+ cordova@9.0.0
added 432 packages from 355 contributors in 76.146s

C:\Users\goge6>
C:\Users\goge6>cordova plugin add cordova-plugin-bluetooth-serial
? May Cordova anonymously report usage statistics to improve the tool over time? Yes

Thanks for opting into telemetry to help us improve cordova.
Current working directory is not a Cordova-based project.

C:\Users\goge6>cd desktop
C:\Users\goge6\Desktop>cd MyAPP
C:\Users\goge6\Desktop\MyAPP>cordova plugin add cordova-plugin-bluetooth-serial
C:\Users\goge6\Desktop\MyAPP>cordova plugin add cordova-plugin-bluetooth-status
C:\Users\goge6\Desktop\MyAPP>
```

The file explorer window shows the contents of the "MyAPP" directory, which includes the following files and folders:

- .cordova
- hooks
- node_modules
- platforms
- plugins
- www
- config
- package-lock