

Contatos

Cadastrando Bruce Wayne na sua lista de contatos.

- Vamos criar um aplicativo que cadastre o Bruce Wayne no seu celular

- Abra o prompt de comando
- Crie uma nova aplicação
 - `cordova create appContatos com.gutoxavier.appcontatos appContatos`
 - `cd appContatos`
 - `cordova platform add android`
 - `cordova run android --device`

```
Administrador: C:\Windows\system32\cmd.exe - cordova run android --device
C:\Users\Administrador\Documents>cordova create appContatos com.gutoxavier.appcontatos appContatos
Creating a new cordova project.

C:\Users\Administrador\Documents>cd appContatos

C:\Users\Administrador\Documents\appContatos>cordova platform add android
Using cordova-fetch for cordova-android@~7.1.1
Adding android project...
Creating Cordova project for the Android platform:
  Path: platforms\android
  Package: com.gutoxavier.appcontatos
  Name: appContatos
  Activity: MainActivity
  Android target: android-27
Android project created with cordova-android@7.1.4
Android Studio project detected
Android Studio project detected
Discovered plugin "cordova-plugin-whitelist" in config.xml. Adding it to the project
Installing "cordova-plugin-whitelist" for android

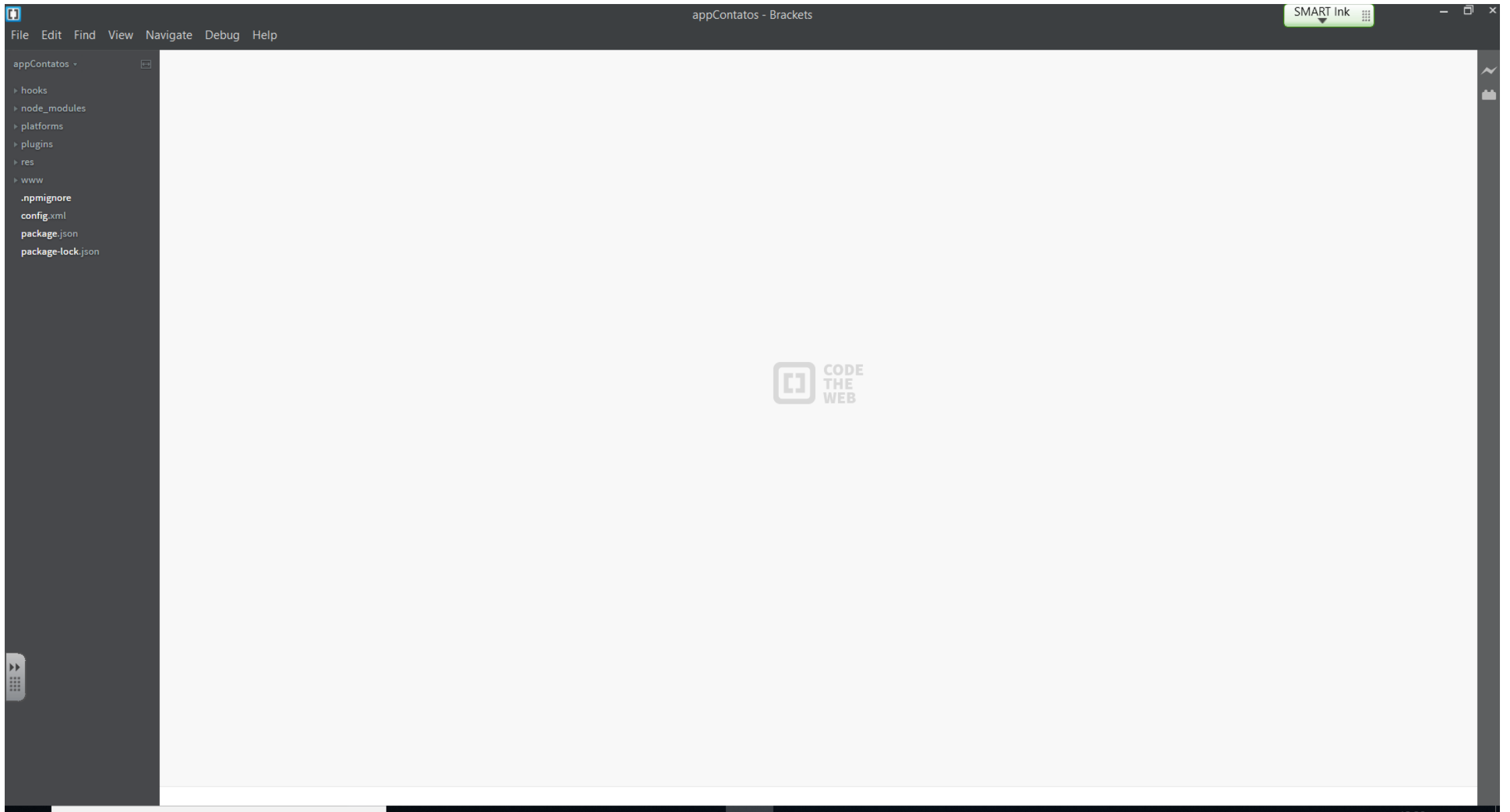
    This plugin is only applicable for versions of cordova-android greater than 4.0. If you have a previous platform version, you do *not* need this plugin since
    the whitelist will be built in.

Adding cordova-plugin-whitelist to package.json
Saved plugin info for "cordova-plugin-whitelist" to config.xml
--save flag or autosave detected
Saving android@~7.1.4 into config.xml file ...

C:\Users\Administrador\Documents\appContatos>
C:\Users\Administrador\Documents\appContatos>cordova run android --device
Android Studio project detected
ANDROID_HOME=C:\Users\Administrador\AppData\Local\Android\sdk
JAVA_HOME=C:\Program Files\java\jdk1.8.0_201
studio
Starting a Gradle Daemon, 3 stopped Daemons could not be reused, use --status for details
-----> 0% INITIALIZING [1s]
Evaluating settings
```

- Adicione o plugin de contatos, no prompt de comando execute:
 - `cordova plugin add cordova-plugin-contacts`

- Abra o projeto no criado no Brackets
- Abra o arquivo index.html para edição

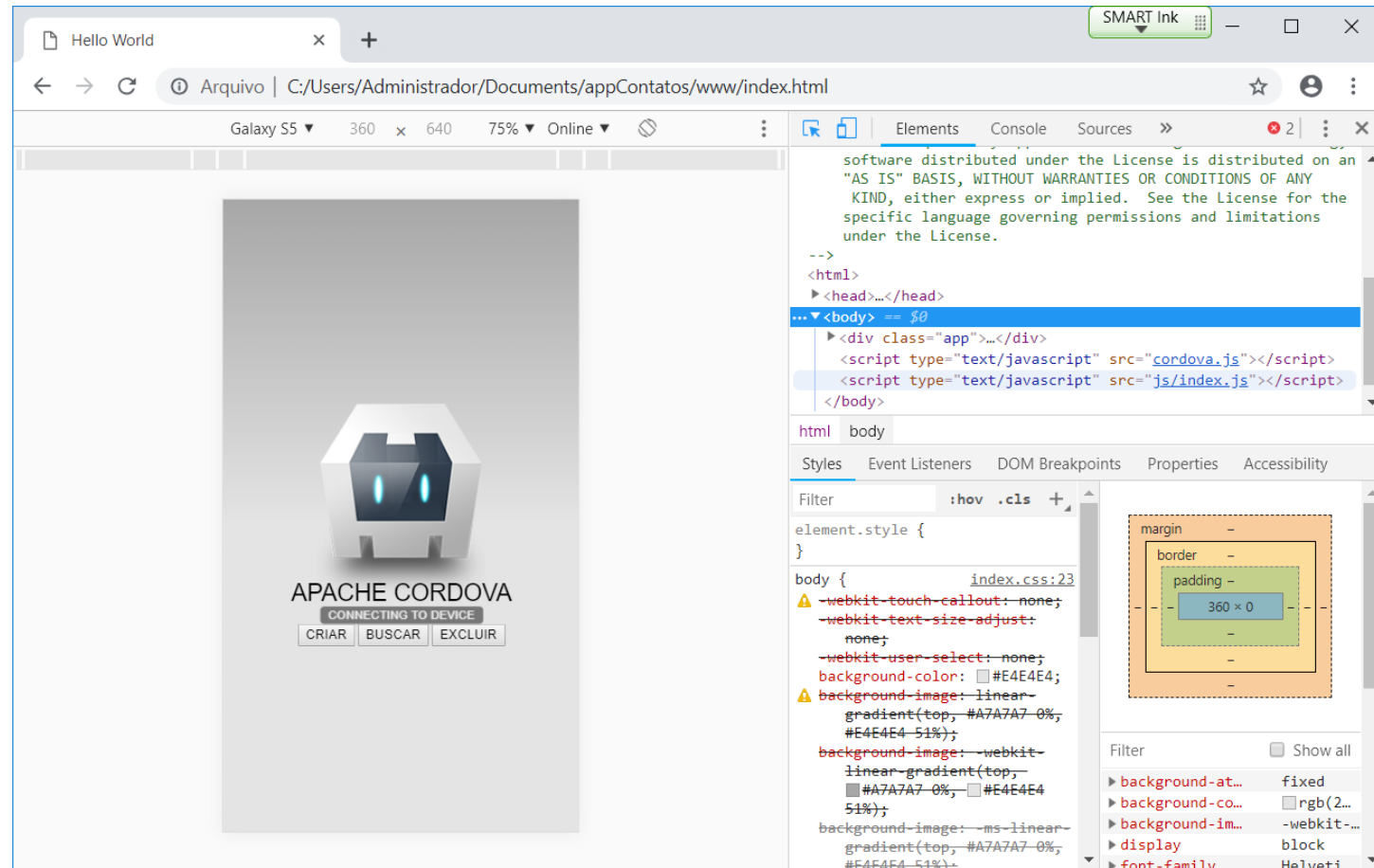


```
1 <!DOCTYPE html>
2 <!--
3     Licensed to the Apache Software Foundation (ASF) under one
4     or more contributor license agreements. See the NOTICE file
5     distributed with this work for additional information
6     regarding copyright ownership. The ASF licenses this file
7     to you under the Apache License, Version 2.0 (the
8     "License"); you may not use this file except in compliance
9     with the License. You may obtain a copy of the License at
10
11     http://www.apache.org/licenses/LICENSE-2.0
12
13     Unless required by applicable law or agreed to in writing,
14     software distributed under the License is distributed on an
15     "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
16     KIND, either express or implied. See the License for the
17     specific language governing permissions and limitations
18     under the License.
19 -->
20 <html>
21 <head>
22 <!--
23     Customize this policy to fit your own app's needs. For more guidance, see:
24     https://github.com/apache/cordova-plugin-whitelist/blob/master/README.md#content-
25     security-policy
26     Some notes:
27     * gap: is required only on iOS (when using UIWebView) and is needed for JS->native
28     communication
29     * https://ssl.gstatic.com is required only on Android and is needed for TalkBack to
```

Line 1, Column 1 — 50 Lines

INS UTF-8 HTML Spaces: 4

- Vamos adicionar 3 botões no nosso arquivo index.html, esses botões iram realizar chamadas para funções que terão as responsabilidades de:
 - Adicionar Bruce Wayne na lista de contatos
 - Pesquisar Bruce Wayne na lista de contatos
 - Excluir Bruce Wayne da lista de contatos
- Veja como a tela deverá ficar ao final da atividade:



- Altere o arquivo index.html para ficar assim:

```
1  <!DOCTYPE html>
2  ▼ <html>
3  ▼ <head>
4      <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
5      <meta charset="utf-8">
6      <link type="text/css" rel="stylesheet" href="materialize/css/materialize.min.css" media="screen,projection"/>
7      <link type="text/css" rel="stylesheet" href="css/estilo.css">
8  </head>
9
10 ▼ <body>
11
12 ▼   <div class="app">
13       <h1>Apache Cordova</h1>
14 ▼       <div id="deviceready" class="blink">
15           <p class="event listening">Connecting to Device</p>
16           <p class="event received">Device is Ready</p>
17           <button onclick="Criar();">Criar</button>
18           <button onclick="Buscar();">Buscar</button>
19           <button onclick="Excluir();">Excluir</button>
20       </div>
21   </div>
22
23   <script type="text/javascript" src="jquery-3.3.1.min.js"></script>
24   <script type="text/javascript" src="materialize/js/materialize.min.js"></script>
25   <script type="text/javascript" src="js/script.js"></script>
26 </body>
27 </html>
```

- Crie um novo arquivo e salve na pasta js com o nome de scripts.js
- Acrescente o código à seguir no arquivo script.js

index.html

script.js

appContatos ▾

▸ .gradle

▸ gradle

▸ hooks

▸ node_modules

▸ platforms

▸ plugins

▸ res

▾ www

▸ css

▸ img

▾ js

index.js

index.html

.npmignore

appContatos.iml

build.gradle

config.xml

gradlew

gradlew.bat

local.properties

package.json

package-lock.json

```
1 ▼ function Criar() {
2     var contato = navigator.contacts.create({"displayName": "Bruce Wayne"});
3     contato.save(Sucesso, Erro);
4
5 ▼   function Sucesso() {
6       alert("Contato Salvo!");
7   }
8
9 ▼   function Erro(message) {
10       alert('Erro: ' + message);
11   }
12 }
13
14 ▼ function Buscar() {
15     var options = new ContactFindOptions();
16     options.filter = "Bruce Wayne";
17     options.multiple = true;
18     campo = ["displayName"];
19     navigator.contacts.find(campo, Sucesso, Erro, options);
20
21 ▼   function Sucesso(contacts) {
22 ▼       for (var i = 0; i < contacts.length; i++) {
23           alert("Display Name = " + contacts[i].displayName);
24       }
25   }
26
27 ▼   function Erro(message) {
28       alert('Failed because: ' + message);
29   }
30 }
31
```

```
32
33 ▼ function Excluir() {
34
35     var options = new ContactFindOptions();
36     options.filter = "Bruce Wayne";
37     options.multiple = false;
38     campo |= ["displayName"];
39     navigator.contacts.find(campo, Encontrado, naoEncontrado, options);
40
41 ▼     function Encontrado(contacts) {
42         var contact = contacts[0];
43         contact.remove(Sucesso, Erro);
44
45 ▼         function Sucesso(contact) {
46             alert("Contato removido");
47         }
48
49 ▼         function Erro(message) {
50             alert('Failed because: ' + message);
51         }
52     }
53
54 ▼     function naoEncontrado(message) {
55         alert('Contato não encontrado');
56     }
57 }
```

- No prompt de comando execute:
 - `cordova run android --device`
- Quando o aplicativo abrir no seu celular, verifique se está salvando o Bruce Wayne, se está pesquisando e excluindo da lista de contatos.