There are three ways of inserting a style sheet:

* External CSS
* Internal CSS
* Inline CSS

Html

id=”abc”

class=”xyz”

Phonegap

Plugins –

give us a specific set of function calls (an API, or Application Programmer Interface)

allow us to work with some aspect of the device.

each plugin does its own small part, say camera access.

you do not have to include the part about the accelerometer (and everything else), just the camera

we want small apps

every plugin will increase the size of your app

cordova – config.xml

<plugin name="cordova-plugin-camera" source="npm" spec="~2.1.1" />

 <plugin name="cordova-plugin-device" source="npm" spec="~1.1.1" />

required Javascript document.addEventListener('deviceready', this.onDeviceReady, false);

Data on LocalStorage - setItem,getItem

PhoneGap Build , git creates QR. Can build for Android, iOS and Windows

In following code, why doesn’t function need a name?

myRoot.getFile('sample.txt', {create: true, exclusive:false}, function(fileEntry) {setUP(fileEntry, null, true);}, onCreateErr);

success handler, error handler, how does fileEntry get set?

myRoot.getFile('sample.txt', {create: true, exclusive:false}, onGetSuccess , onCreateErr);

function onGetSuccess (fileEntry) {

 setUP(fileEntry, null, true);

}

Camera API has two methods in the navigator.camera object

getPicture

cleanup - only on IOS

getPicture needs both a success handler and a failure handler

getPicture has options including (see page 106)

quality

destinationType - DATA\_URL, FILE\_URI, NATIVE\_URI

sourceType - PHOTOLIBRARY, CAMERA, SAVEDPHOTOALBUM

encodingType (JPEG, PNG)

targetWidth and targetHeight

mediaType (PICTURE, VIDEO, ALLMEDIA)

cameraDirection (BACK, FRONT)

function getCameraImage()

{

 let opts = {

 destinationType : Camera.DestinationType.FILE\_URI,

 sourceType : Camera.PictureSourceType.CAMERA,

 mediaType : Camera.MediaType.PICTURE,

 encodingType : Camera.EncodingType.JPEG,

 cameraDirection : Camera.Direction.BACK,

 targetWidth: 300,

 targetHeight : 400

 };

 navigator.camera.getPicture(onCaptureSuccess, onCaptureError, opts);

}

Success function

function onCaptureSuccess(ImageURI)

{

 var msg = document.getElementById('msg');

 msg.textContent = ImageURI;

 var smallImage = document.getElementById('cameraImage');

 smallImage.src = ImageURI;

}

Chapter 7

the accelerometer - Provides current acceleration along x, y & z axis (including gravity, 9.8 m/s2).

the compass - Providing direction of travel

device orientation - Determined from accelerometer values or from browser media queries

GPS (location)

Location is determined in a number of way ranging from your current IP address (probably leading back to simply SRU) to GPS. The latter is typically accurate within 60 meters.