



The app object

Methods

Method	Description/Sample
<code>app._Extract(p1)</code>	
<code>app.AddLayout(layout)</code>	Adds a Layout to the App
<code>app.Alert(text, title)</code>	Shows a message on the screen with an OK button <pre>app.Alert("Hello World!", "Message");</pre>
<code>app.Broadcast(p1,p2)</code>	
<code>app.Call(number)</code>	
<code>app.CopyFile(src,dest)</code>	Sample: Copy a file from the app to the SD-Card <pre>app.CopyFile(app.GetAppPath() + "/File.txt","/sdcard/File.txt");</pre>
<code>app.CopyFolder(src,dest,overwrite)</code>	
<code>app.CreateAudioRecorder()</code>	
<code>app.CreateBluetoothList(p1)</code>	
<code>app.CreateBluetoothSerial(mode)</code>	
<code>app.CreateButton(text, width, height, options)</code>	
<code>app.CreateCameraView(width,height,options)</code>	
<code>app.CreateCheckBox(text, width, height, options)</code>	
<code>app.CreateCrypt(options)</code>	
<code>app.CreateDebug()</code>	
<code>app.CreateDialog(title,options)</code>	<p>If you add the "NoCancel" option as a second parameter to the CreateDialog method, it will prevent back keys and touches outside the dialog area from closing the dialog.</p> <p>You can then add a "OK" or "Close" button to the dialog so you can stop the sound and close the dialog manually by calling the <code>dlg.Hide()</code> or <code>dlg.Dismiss()</code> methods.</p> <p>There is also a "NoTitle" option.</p>
<code>app.CreateDownloader()</code>	
<code>app.CreateEmail(ownmail,mailpass)</code>	
<code>app.CreateGLView(width,height,options)</code>	
<code>app.CreateImage(file,width,height,options,w,h)</code>	
<code>app.CreateIOIO(p1)</code>	
<code>app.CreateLayout(type,options)</code>	
<code>app.CreateList(list,width,height,options)</code>	list is a comma seperated list
<code>app.CreateListDialog(headertext,list,p3)</code>	
<code>app.CreateListView(list,title,options)</code>	

Method	Description/Sample
app.CreateLocator(type,p2)	
app.CreateMediaPlayer()	
app.CreateMediaStore()	
app.CreateNetClient(p1)	
app.CreateNotification(options)	
app.CreateNxt()	
app.CreateNxtRemote()	
app.CreateObject(name)	
app.CreatePlayStore()	
app.CreateScroller(width,height,p3)	
app.CreateSeekBar(width,height,p3)	
app.CreateSensor(type,options)	
app.CreateService(name,callback)	
app.CreateShortcut(p1,p2,p3)	
app.CreateSmartWatch(p1)	
app.CreateSMS()	
app.CreateSpeechRec(options)	
app.CreateSpinner(list,width,height,options)	
app.CreateSynth(p1)	
app.CreateTabs(list,width,height,options)	
app.CreateText(text,width,height,options)	
app.CreateTextEdit(text,width,height,options)	
app.CreateToggle(text,width,height,options)	
app.CreateUSBSerial(baudRate,dataBits,stopBits,parity)	
app.CreateVideoView(width,height,options)	
app.CreateWebServer(p1,p2)	
app.CreateWebView(width,height,options,zoom)	
app.CreateYesNoDialog(text)	
app.CreateZipUtil(mode)	
app.Debug(text)	<p>use this command to write some text if you debug your app</p> <pre>//e.g. show the progress if you load a website function web_OnProgress(progress) {} app.Debug("progress = " + progress); }</pre>
app.DeleteFile(file)	<p>file needs the fullpath</p> <pre>app.DeleteFile("/sdcard/wftest.txt");</pre>
app.DeleteFolder(folder)	<pre>app.DeleteFolder("/sdcard/Temp");</pre>
app.DestroyLayout(layout)	
app.EnableBackKey(true/false)	<p>Sets if your App will exit, if you press the Back-Key.</p> <pre>app.EnableBackKey(false);</pre>
app.Execute(code)	<p>this function is intended for use inside a WebView control to execute functions in the main script Note: You should put quotes around the code you want executing too:</p> <pre>app.Execute("Alert('Hi')");</pre> <p>or</p> <pre>app.Execute("Alert("Hi")");</pre>
app.Exit(p1)	Stops your App.
app.ExtractAssets(src,dest,overwrite)	<p>copy content from one folder to another. if overwrite = true existing files in destination folder will be overwritten</p> <pre>app.ExtractAssets(app.GetAppPath() + "/Folder.zip", "/sdcard/Folder.zip",true);</pre>

Method	Description/Sample
app.FileExists(file)	Checks if a File exist and return "true" or "false" <code>app.ShowPopup(app.FileExists("/sdcard/DroidScript/index.html"));</code>
app.FolderExists(fldr)	Checks if a Folder exist and return "true" or "false" <code>app.ShowPopup(app.FolderExists("/sdcard/DroidScript"));</code>
app.GetAppName()	Returns the Name of your App
app.GetAppPath()	Returns the path of your App
app.GetBuildNum()	Returns the version number of the Android operating system currently running
app.GetClipboardText()	Returns the Text, which is copied to your Clipboard
app.GetCountry()	
app.GetCountryCode()	
app.GetData(p1)	
app.GetDefaultOrientation()	Returns the "normal" Orientation of the device
app.GetDisplayHeight()	Returns your Display Height Sample Get Device Infos
app.GetDisplayWidth()	Returns your Display Width Sample Get Device Infos
app.GetExternalFolder()	Returns the path to the External sd card
app.GetFileDate(file)	Returns the Date of a File (file needs the full path)
app.GetFileSize(file)	Returns the Size of a File in bytes (file needs the full path)
app.GetFreeSpace(option)	Returns free space in gigabytes - option can be "external"
app.GetInternalFolder()	
app.GetIPAddress()	Returns the IP Address of your mobile
app.GetJoystickName(id)	
app.GetJoystickState(id,key)	
app.GetLanguage()	
app.GetLanguageCode()	
app.GetLastButton()	
app.GetLastCheckBox()	
app.GetLastImage()	
app.GetLastToggle()	
app.GetMacAddress()	
app.GetMetadata(file,keys)	
app.GetModel()	Sample Get Device Infos
app.GetName()	
app.GetObjects()	Returns all Objects of your App
app.GetOptions()	
app.GetOrientation()	Returns the current orientation of the device
app.GetOSVersion()	Returns the version number of the Android operating system currently running Sample Get Device Infos
app.GetPath()	
app.GetPrivateFolder(name)	
app.GetRotation()	
app.GetScreenDensity()	Sample Get Device Infos
app.GetScreenHeight()	Returns the Height of your mobile Sample Get Device Infos
app.GetScreenWidth()	Returns the Width of your mobile Sample Get Device Infos
app.GetSharedFiles()	
app.GetSharedText(p1)	
app.GetTop()	

Method	Description/Sample
app.getVersion()	
app.GoToSleep()	
app.HideKeyboard(p1)	
app.HideProgress()	
app.HideProgressBar()	
app.IsBluetoothOn()	Checks if Bluetooth is on
app.IsFolder(fldr)	Checks if it is a Folder <pre>app.ShowPopup("/sdcard/DroidScript is a Folder: " + app.IsFolder("/sdcard/DroidScript") + "\n/sdcard/DroidScript/index.html is a Folder: " + app.IsFolder("/sdcard/DroidScript/index.html"));</pre>
app.IsNewVersion()	
app.IsPro()	
app.IsScreenOn()	
app.IsTablet()	Check if the device is a tablet Returns true or false Sample Get Device Infos
app.KillApp(file)	Delete the file (file needs the fullpath)
app.ListFolder(path,filter,limit,options)	Lists all Files and Folder in a Path, which match the filter and if in the Path are less than the limit Files and Folders are <pre>app.ListFolder("/sdcard/mp3", ".mp3", 50);</pre>
app.LoadBoolean(valueName, default, id)	
app.LoadNumber(Name, default, id)	
app.LoadPlugin(url)	
app.LoadScript(url, callback)	
app.LoadText(Name, default, id)	
app.MakeFolder(fldr)	
app.OpenFile(file,type,choose)	
app.OpenUrl="http://wiki.droidscript.me.uk/url"	
app.PreventScreenLock(true/false)	
app.PreventWifiSleep(p1)	
app.ReadFile(file)	
app.RemoveLayout(layout)	
app.RenameFile(filename,newname)	
app.RenameFolder(foldername,newfoldername)	
app.SaveBoolean(name,default,id)	
app.SaveNumber(name,default,id)	
app.SaveText(name,default,id)	
app.SendMail(address,subject,body,attach)	Send the email message via built in email app. (Leave 4th parameter out if attachment is not required) <pre>var file = "/sdcard/MyPic.jpg"; app.SendMail("myfriend@gmail.com", "MySubject", "Hello", file);</pre>
app.SetAlarm(type,id,callback,time,interval)	
app.SetClipboardText(text)	Copy the Text to your Clipboard
app.SetData(p1,p2)	
app.SetDebugEnabled(enable)	Switch off debugging for max speed. (keep this on during development) <pre>app.SetDebugEnabled(false);</pre>
app.SetJoystickOptions(options)	
app.SetMenu(list,p2)	list is a comma seperated list with the menupoints This Sample demonstrates how to set a menu
app.SetOnBroadcast(p1)	

Method	Description/Sample
app.SetOnError(callback)	
app.SetOrientation(orient,callback)	Set the orientation of the device use "Portrait", "Landscape" or "Default" <code>app.SetOrientation("Landscape");</code>
app.SetScreenBrightness(level)	
app.SetScreenMode(mode)	Set full screen mode <code>app.SetScreenMode("Full");</code>
app.SetSharedApp(p1)	
app.SetTitle(p1)	
app.ShowDebug(p1)	
app.ShowMenu(p1,p2)	This Sample demonstrates how to show the menu
app.ShowPopup(text, options)	Display a message for some seconds on the screen options: "Short", "Bottom" <code>app.ShowPopup("Hello World", "Short, Bottom");</code>
app.ShowProgress(text)	text could be "Loading..."
app.ShowProgressBar(title,percent)	
app.SimulateTouch(obj,x,y,dir)	This Sample shows how to use SimulateTouch
app.StartApp(file,options)	file is the fullpath to the app options is optional <code>app.StartApp("/sdcard/DroidScript/Hello World/Hello World.js", "Debug");</code>
app.StartDebugServer()	
app.StartService()	
app.StopApp(file)	file is the fullpath to the app
app.StopService()	
app.TextToSpeech(text,pitch,speed)	
app.ToBack()	Sample how to send your App to the Background
app.Try(p1,p2,p3)	
app.UpdateProgressBar(percent)	
app.Vibrate(pattern)	Your Mobile vibrates for the count of milliseconds The format is pause,vibrate,pause,vibrate... pattern could be like this: (0,100,30,100)
app.Wait(secs)	
app.WriteFile(file,text,mode)	file is the fullpath of the file mode options can be "Append" or "Ascii"