AT&T API Platform SDK Plugins for Adobe® PhoneGap®

Installation and Setup Guide

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# Introduction

The AT&T PhoneGap Mobile SDK provides simplified access to AT&T API platform services. It helps mobile developers bring robust PhoneGap mobile applications to market quickly by significantly reducing the complexity of building applications that use AT&T platform services.

The AT&T PhoneGap Mobile SDK lets other interfaces access the following APIs from the AT&T platform:

* Advertising
* Device Capabilities
* In-App Messaging
* MMS
* OAuth
* SMS
* Speech

# Architectural Overview

The AT&T PhoneGap Mobile SDK exposes JavaScript interfaces. It complies with common JavaScript specifications to access the AT&T platform API. The following components provide access to the AT&T platform API:

• PhoneGap Mobile SDK Native component (iOS & Android)

• Java Script Wrapper Library (compliant with CommonJS specification)

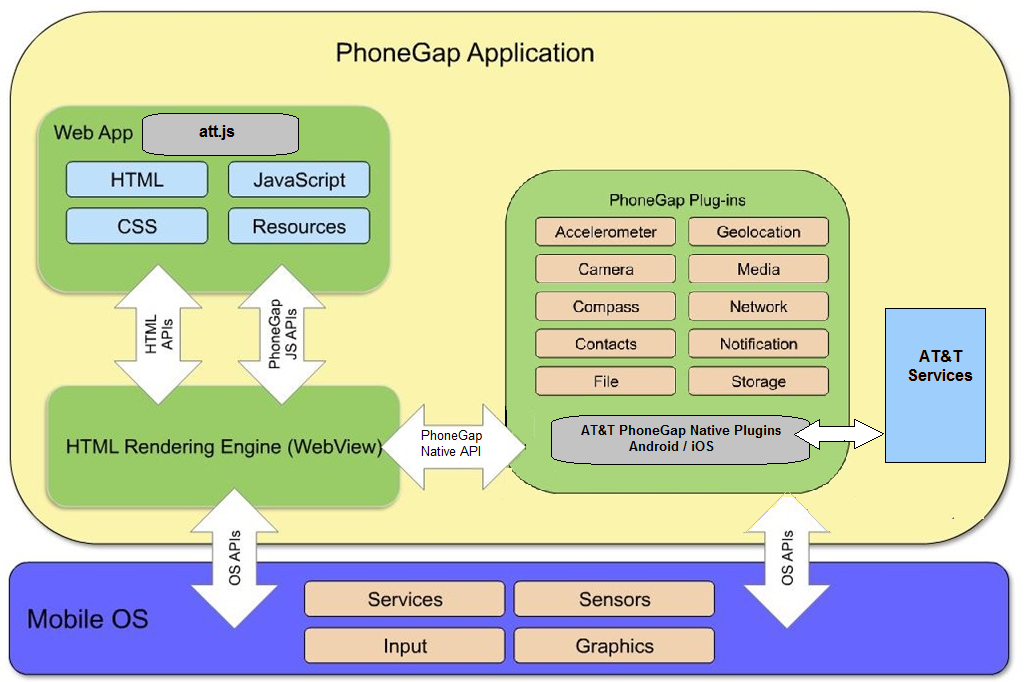


Figure 1: Architecture diagram of AT&T PhoneGap Mobile SDK

# Installation Guidelines

The following components are required to run the AT&T API Platform SDK Plugins for Adobe PhoneGap:

* Xcode integrated development environment (IDE) for iPhone version 5.0 or later
* Android SDK
* Phonegap mobile SDK version 3.4.0 or later

## Prerequisites

An Internet connection is required for all API calls. The plugins are designed for the PhoneGap Mobile SDK application (iOS & Android) and may not work if you use an SDK version below the specified minimum version.

All APIs can work with the AT&T network. However, we do not support sending SMS, MMS and other messages to phones outside the network on other carriers. Your organization must abide by the AT&T API agreement to use the AT&T network. A secret key and an API key are required to send messages. These keys can be obtained by joining the AT&T developer program.

The AT&T API uses two key types:

* Sandbox keys, with free availability, that let you demonstrate proof-of-concept and perform application testing with the AT&T APIs.
* Production keys with the same capabilities as sandbox keys that are designed to handle a much larger amount of traffic.

## Download Files

[AT&T API Platform PhoneGap plugins](http://developer.att.com/home/api/sdk_tools/ATTPlugin_PhoneGap.zip) are available for developers to download and use in their applications. Or you can visit [GitHub](https://github.com/attdevsupport/ATT_APIPlatform_PhoneGap) to download plugins, sample applications & documentation to a local directory on your computer.

The plugins require JavaScript (js) files that you should download before starting.

| JavaScript File | Download Location |
| --- | --- |
| require.js | <http://github.com/jrburke/requirejs> |

Table 1: JavaScript installation files

# Installing the Plugin with Phonegap CLI

Follow these steps to install the AT&T PhoneGap plugin from github

1. Create a PhoneGap project. All subsequent commands need to be run within the project's directory on the CLI.
2. Enter the following command to install the plugin.

**$ phonegap plugin add** [**https://github.com/attdevsupport/ATT\_APIPlatform\_PhoneGap.git#:/plugins**](https://github.com/attdevsupport/ATT_APIPlatform_PhoneGap.git#:/plugins/)

# Using the Plugins

To load the plugin in your application code use the require.js library.

See the [PhoneGap Documentation, Getting Started Guides](http://docs.phonegap.com/en/3.0.0/guide_platforms_index.md.html#Platform%2520Guides) for more information.