

# Porting Apps: Apache Cordova

JAM833

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# Apache Cordova

## Overview

AKA. PhoneGap

Give us make mobile application with HTML, CSS, and Javascript

Access device's API:

- Accerelometer

- Camera

- Storage

- More...!

Built on BlackBerry WebWorks SDK  
Support all top-tier BlackBerry device

# Supported Device

# BlackBerry Device

 **BlackBerry** Jam Asia



# BlackBerry PlayBook

 **BlackBerry** Jam Asia





# BlackBerry Dev Alpha

 **BlackBerry** Jam Asia



# Porting to BlackBerry 10

# You need...

Java Development Kit (JDK)

Apache Ant

BlackBerry WebWorks SDK

- BlackBerry 10 (QNX) SDK

- BlackBerry PlayBook SDK & Adobe AIR SDK

- BlackBerry Smartphones SDK

Request & Setup Code Signing Key

Your nice and easy-to-use code editor

Create your Apache Cordova project

Edit project

Build BAR file

Deploy

- Simulator

- Device

# Edit project...

project.properties

qnx.bbwp.dir

playbook.bbwp.dir

blackberry.bbwp.dir

Example:

qnx.bbwp.dir=C:\\Program Files (x86)\\Research In  
Motion\\BlackBerry 10 WebWorks SDK 1.0.2.9

## Use ANT

ant qnx build

ant playbook build

ant blackberry build

# Deploy

Simulator

Device

# Deploy to simulator

Setup simulator

Edit your project.properties

QNX

qnx.sim.ip

qnx.sim.password

Deploy with ANT

ant qnx load-simulator



Set your device in development mode

Edit your project.properties

QNX

qnx.sigtool.password

qnx.device.ip

qnx.device.password

Deploy with ANT

ant qnx load-device

# Demo Time!

## Apache Cordova (PhoneGap)

[phonegap.com](http://phonegap.com)

[docs.phonegap.com](http://docs.phonegap.com)

[emulate.phonegap.com](http://emulate.phonegap.com)

[debug.phonegap.com](http://debug.phonegap.com)

[cordova.io](http://cordova.io)

[developer.blackberry.com](http://developer.blackberry.com)

## Tutorial and article in Thai

[thaiadc.com](http://thaiadc.com)

[facebook.com/thaiadc](https://facebook.com/thaiadc)

# THANK YOU

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