Alpha Anywhere Q&A

March 23, 2022

Alpha DevCon 2022

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Cordova CLI

Introduction to building Android apps with Cordova CLI

What is Cordova CLI?

- A Command Line Interface (CLI) for building mobile applications using the Apache Cordova framework.
- Apache Cordova is a framework for building native mobile applications for Android and iOS.
    - Apps built using HTML, CSS, and JavaScript
- Build your app once. Deploy to multiple platforms.

Apache Cordova

Image Source https://cordova.apache.org/docs/en/11.x/guide/overview/index.html retrieved March 7, 2022

Tools for building Android Apps on Windows

- Java Development Kit (JDK)
- Gradle
- Git
- Node.js
- Cordova
- Android Studio

NEW in the next Alpha Anywhere Release

- Cordova CLI 11.x.x support
  - Android API level 22 - 30
- Upgrading:

```
npm uninstall -g cordova
npm install -g cordova@11.0.0
```
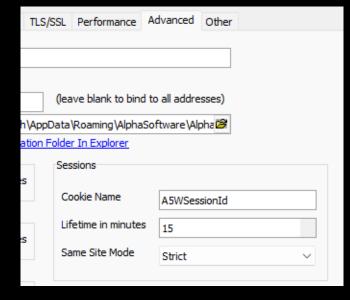
How to Upgrade Other Tools

- System Variables
  - JAVA_HOME - Location of the JDK installation
  - ANDROID_SDK_ROOT - Location of the Android SDK installation
- System PATH
  - Add JDK bin, Android platform-tools, and Gradle bin

Configure the Server SameSite Value

- Set Server SameSite value to Unset
  - Alpha Cloud, IIS
    - Web Project Properties > Web site defaults > Cookie SameSite value
  - Classic Server
    - Server Settings > Advanced > Same Site Mode

Web site defaults (IIS and AlphaCloud Only)

Default page	index.a5w
Session lifetime (minutes)	15
Max upload size in MB	100
Authentication cookie name	.ASPXFORMSAUTH
Session cookie name	XBasic_SessionId
Cookie SameSite value	Strict
Stack options	<Click button to edit>

TLS/SSL Performance Advanced Other

(leave blank to bind to all addresses)

h\AppData\Roaming\AlphaSoftware\Alpha

ation Folder In Explorer

Sessions

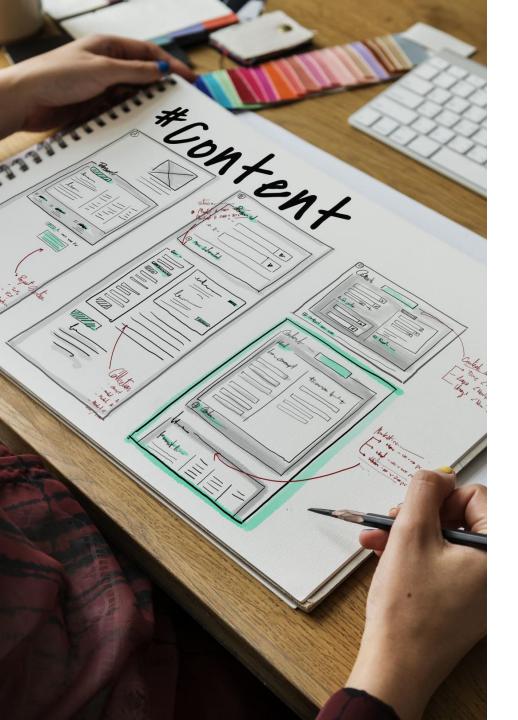|	
Cookie Name	A5WSessionId
Lifetime in minutes	15
Same Site Mode	Strict

Publish your App to the Server

- Required if your app makes any callbacks to the server
- Get the Ajax Callback URL

Create a Cordova Project

- Set App Build Target: CLI
- Configure remaining options for your application

Today

- Configuring the Development Server for Local Testing
- Ajax Callback URL - What is it
- Testing on an Emulator
- Testing on a Device

To the Live Demo