

Cordova APIs

Accessing the device native APIs

Hybrid Mobile Applications

Telerik Software Academy

<http://academy.telerik.com>

- ◆ Using Cordova APIs
 - ◆ Accessing native device APIs
- ◆ Cordova APIs
 - ◆ Hardware APIs
 - ◆ Software APIs

Cordova APIs

- ◆ Apache Cordova provides access to native device APIs
 - ◆ Wrapped into global JavaScript objects
- ◆ They can be divided into two categories:
 - ◆ Software APIs
 - ◆ Access to the OS features
 - ◆ Contacts, File system, etc...
 - ◆ Hardware APIs
 - ◆ Accesss to the device features
 - ◆ Camera, Geolocation, Compass, etc...

Cordova Software APIs

- ◆ Cordova provides access to most of the APIs of the operating system
 - ◆ Capture (capture audio, images and/or video)
 - ◆ Connection (network state and type)
 - ◆ Contacts (Phone book)
 - ◆ Device (device information)
 - ◆ Events model (native events)
 - ◆ File system (save, load and remove files)

Cordova Software APIs (2)

- ◆ Cordova provides access to most of the APIs of the operating system
 - ◆ Globalization (different representation depending on location)
 - ◆ InAppBrowser
 - ◆ Media (work with images, audio and video)
 - ◆ Notifications (message boxes, sounds, etc...)
 - ◆ Storage (use the device's native data storage)

Software Cordova APIs

Live Demo

<https://github.com/Minkov/Cordova-Software-APIs.git>



Questions?

1. Research the following Cordova APIs:

- ♦ Camera
- ♦ Capture
- ♦ Events
- ♦ File
- ♦ Media
- ♦ Storage
- ♦ Contacts
- ♦ Accelerometer