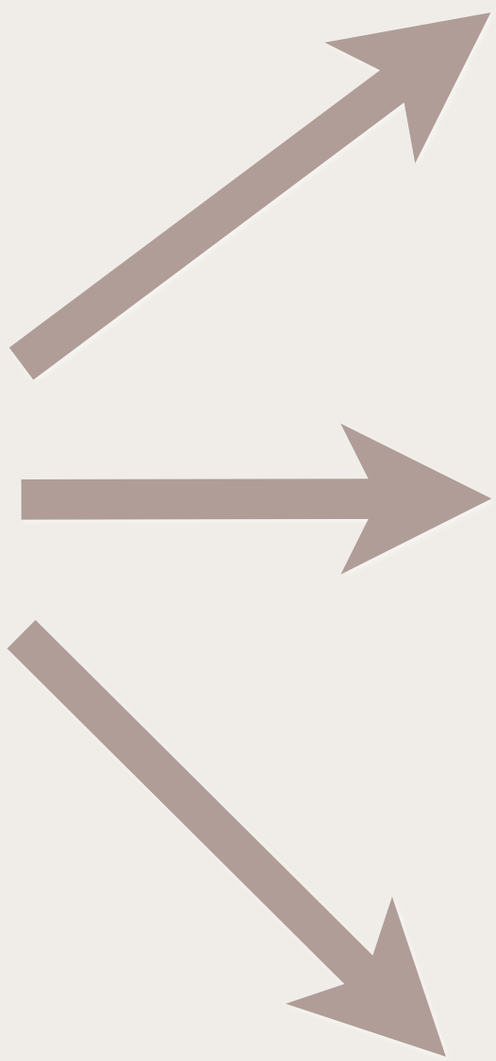
INTRODUCTION TO MOBILE DEVELOPMENT WITH HTML5

HTML



css3

html v5

javascript

development today
lot of connected devices

browsers

smartphones

tablets

TVs

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lot of connected devices

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the issue is diversity of platforms

3 kinds of apps

- native
- webapp
- hybrid

3 kinds of apps

- native
- webapp
- hybrid

native application

pros

- blazing fast
- smooth transitions
- best sensors API

native application

cons

- ! specific language

native application

cons

- ! specific language

... and that sucks

native application

cons

1 platform

==

1 implementation

==

&

3 kinds of apps

- native
- webapp
- hybrid

web application pros

- single app
- no install
- lot of web developers

web application cons

- ! device sensors
- code branching
- limited localStorage

3 kinds of apps

- native
- webapp
- hybrid

2 goals

- access device sensor
- use only 1 language ...

... to rule them all

2 philosophies

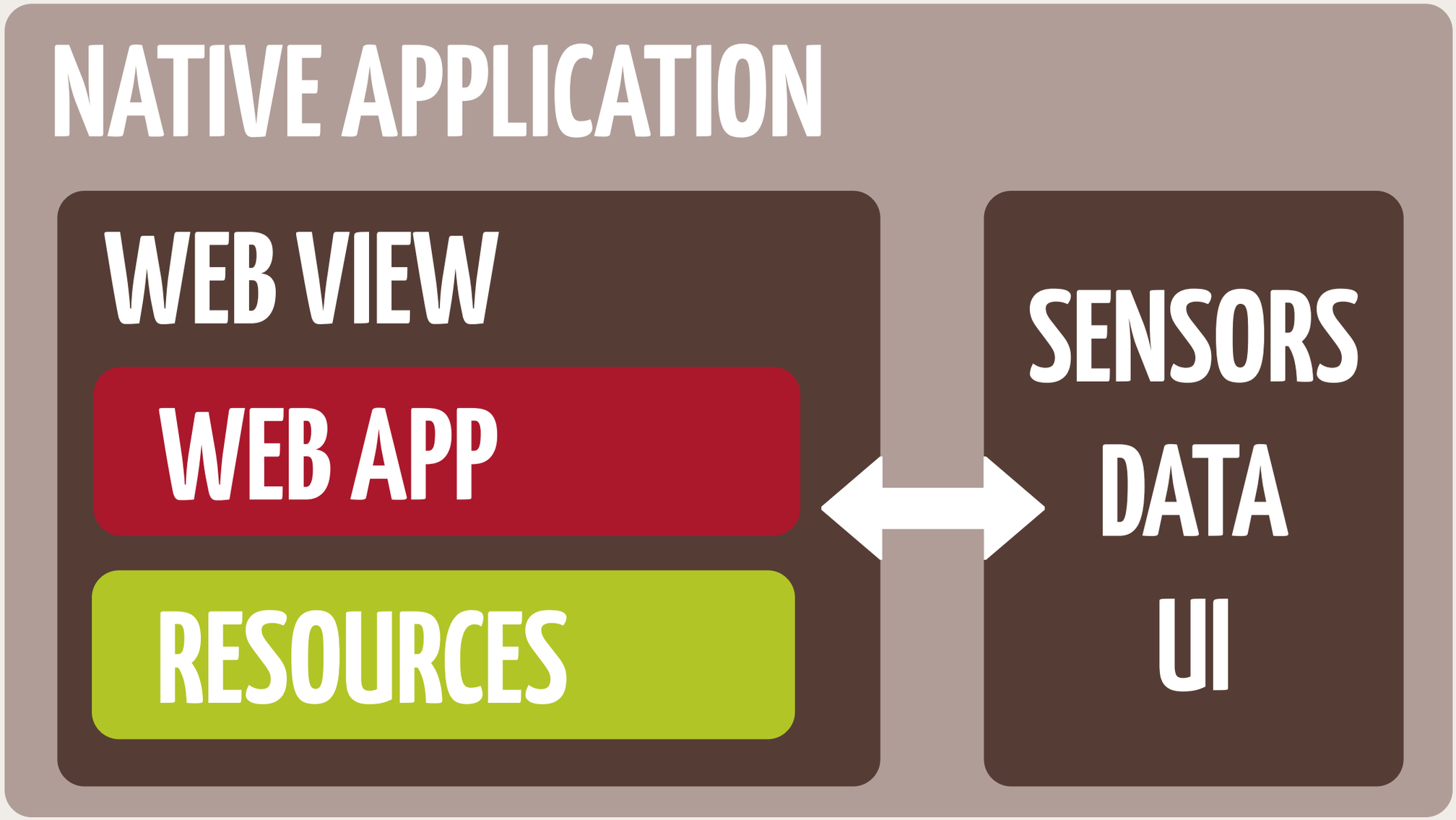
titanium™

compile into native language

PhoneGap

uses JS all the way

phonegap application



phonegap application

pros

- works everywhere !
- easy to use
- lot of plugins

phonegap application

cons

- ! no native style
- ! no native transitions
- ! slower ...

IT'S ALL ABOUT COMPROMISE

CHOOSE WHICH TRADEOFF WORKS FOR YOU !

QUESTIONS?