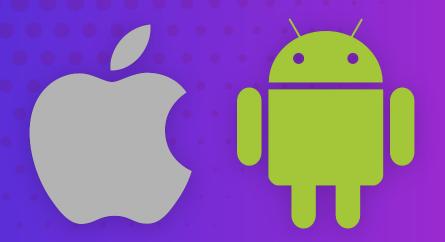
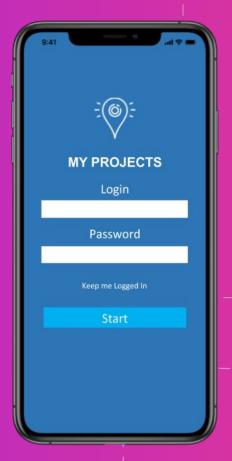
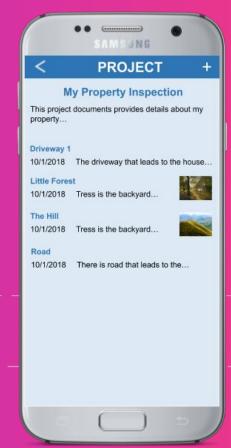
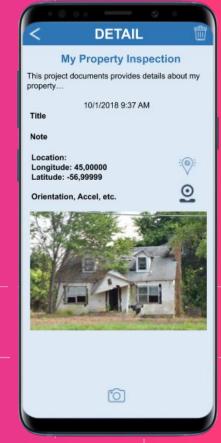
Adding Mobile Support

to existing RAD Studio applications









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In this session

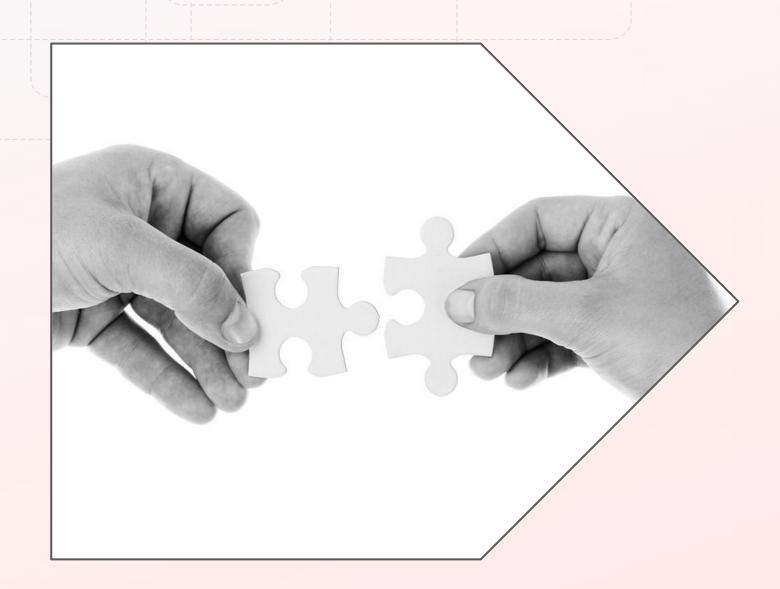
Why Mobile?

Getting ready for mobile

Mobile & Data
Storage

Functional Demo

App Testing and Deployment



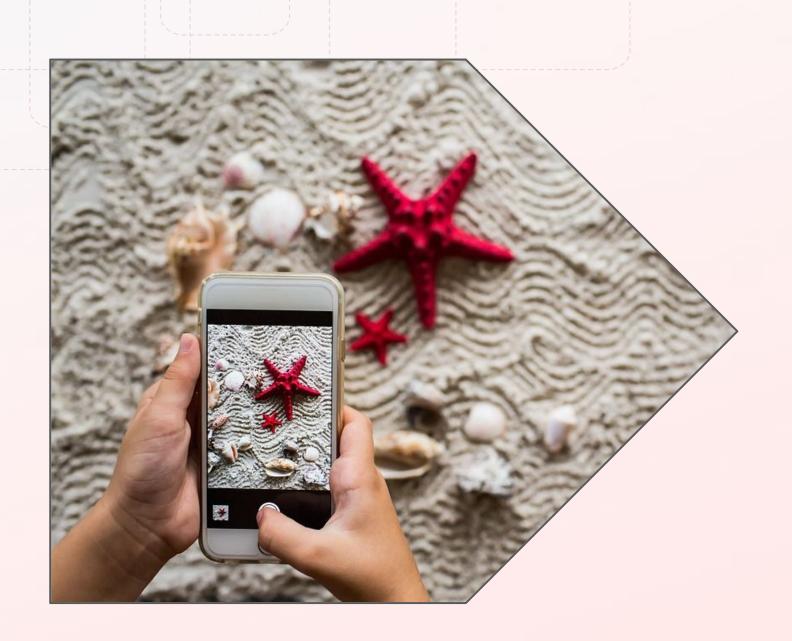
Holistic solution



- Holistic solution
- Customer Stickiness



- Holistic solution
- Customer Stickiness
- Lower risk & costs



- Holistic solution
- Customer Stickiness
- Lower risk & costs
- Usability (Mobile can be better!)



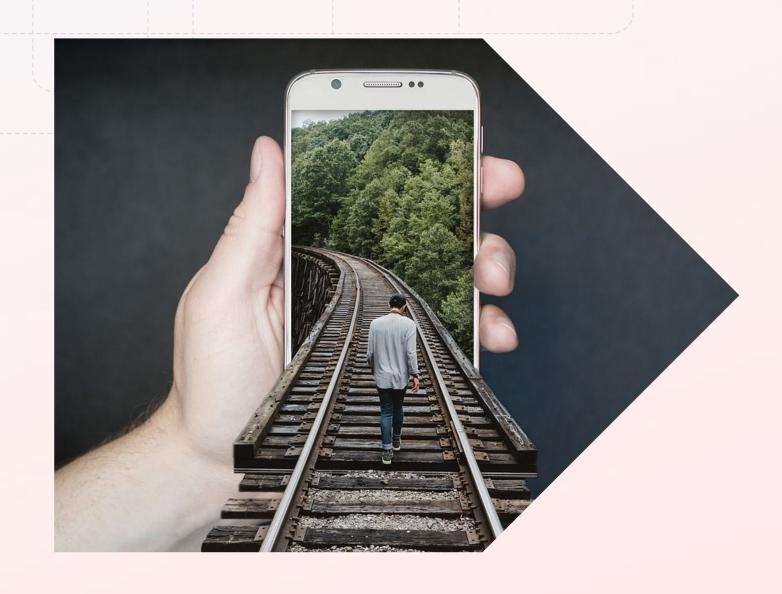
- Holistic solution
- Customer Stickiness
- Lower risk & costs
- Usability (Mobile can be better!)
- If you don't, your competitors will!



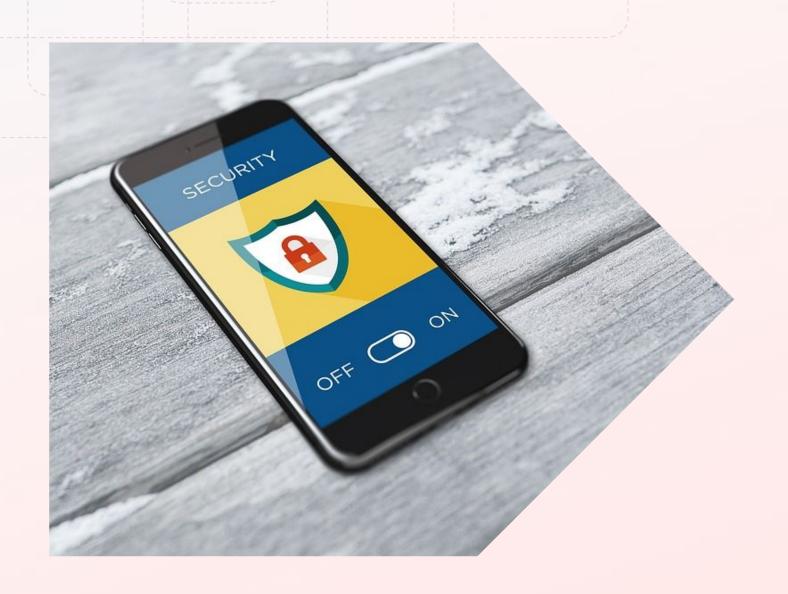
- Holistic solution
- Customer Stickiness
- Lower risk & costs
- Usability (Mobile can be better!)
- If you don't, your competitors will!
- Critical mass of BYOD

What to think before you start





- Infrastructure Differences
 - Local vs Remote
 - Server vs App-Teathering
 - Azure and AWS SDK



- Infrastructure Differences
 - Local vs Remote
- Data security & Risk Mitigation
 - Compiled vs Interpreted



- Infrastructure Differences
 - Local vs Remote
- Data security & Risk Mitigation
 - Compiled vs Interpreted
- Time to Market



- Infrastructure Differences
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- Time to Market
- Total Cost of Ownership / Technical Debt



- Infrastructure Differences
 - Local vs Remote
- Data security & Risk Mitigation
 - Compiled vs Interpreted
- Time to Market
- Total Cost of Ownership / Technical Debt
- User Experience & Scalability



Choosing your Tooling

Vendor Tools

Web Tech Based Tools

Pros

Secure

Native Performance Native UX

Single Device

True Native

Apple Google Microsoft Multi-Device

Scripted

HTML5 Appcelerator Kony

Pros

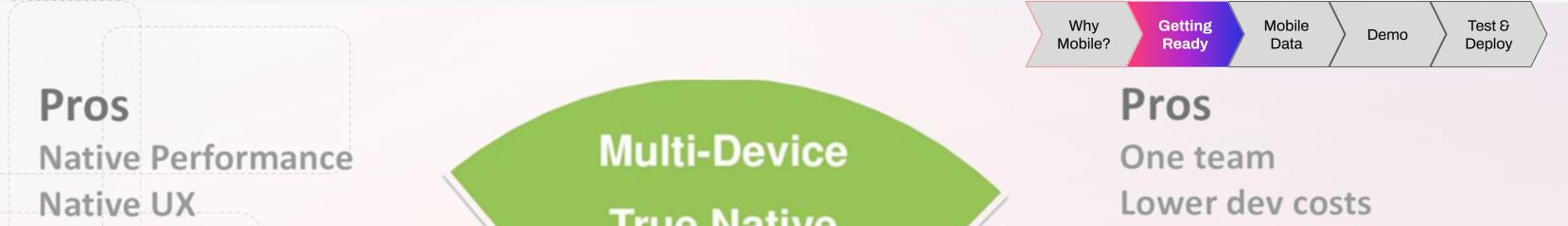
One team
Lower dev costs
Fast time to market

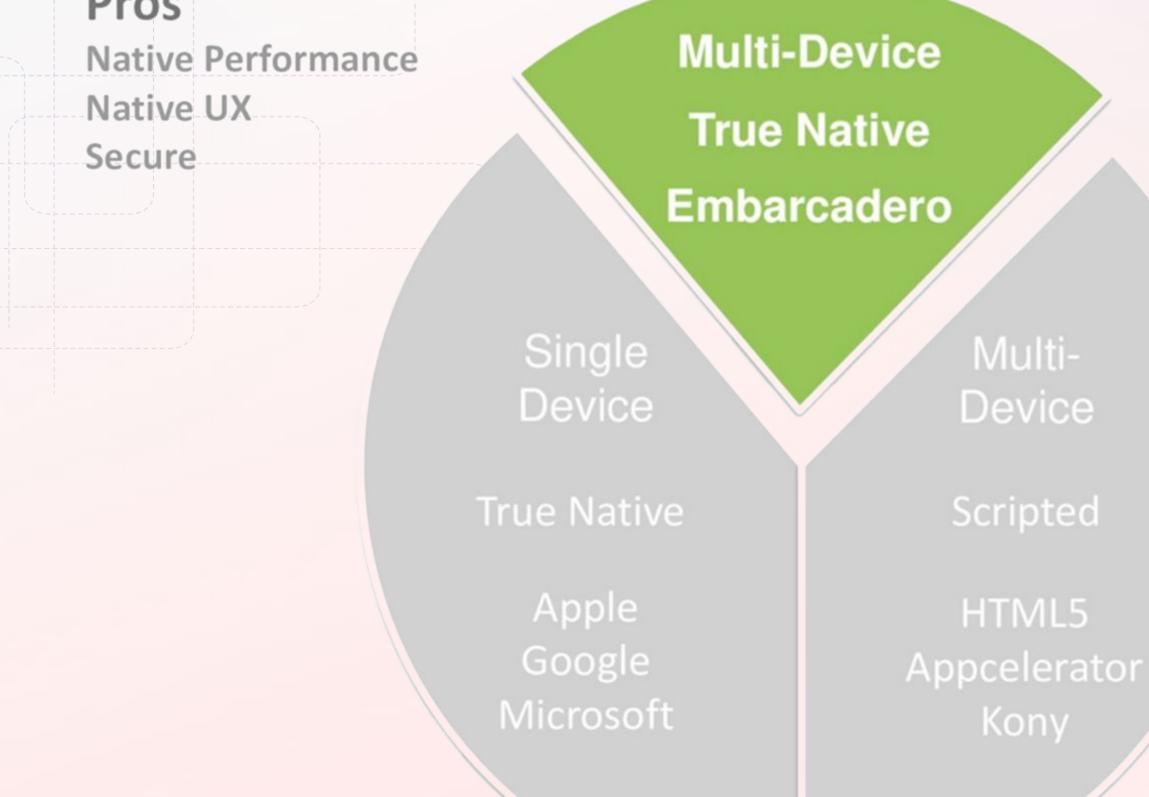
Cons

Multiple teams
Higher dev cost
Multiple code bases

Cons

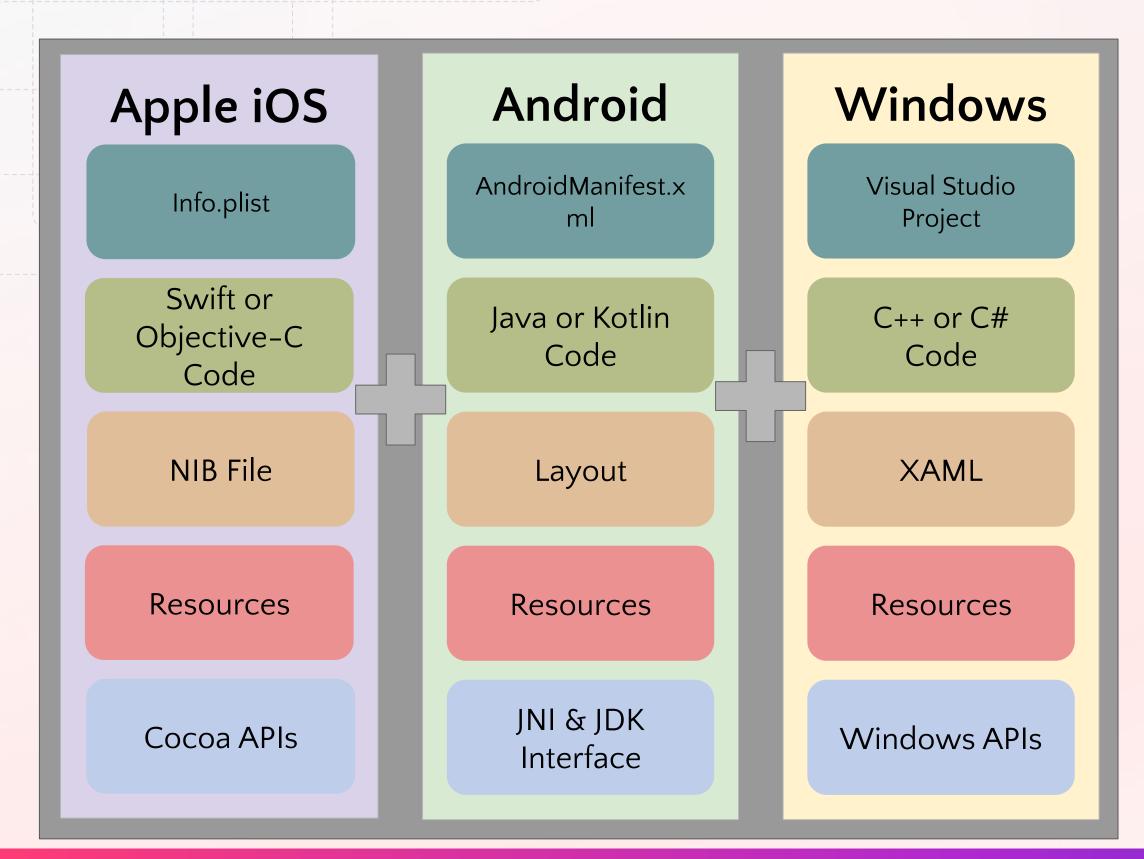
Non-Native UX Unsecure Script Performance

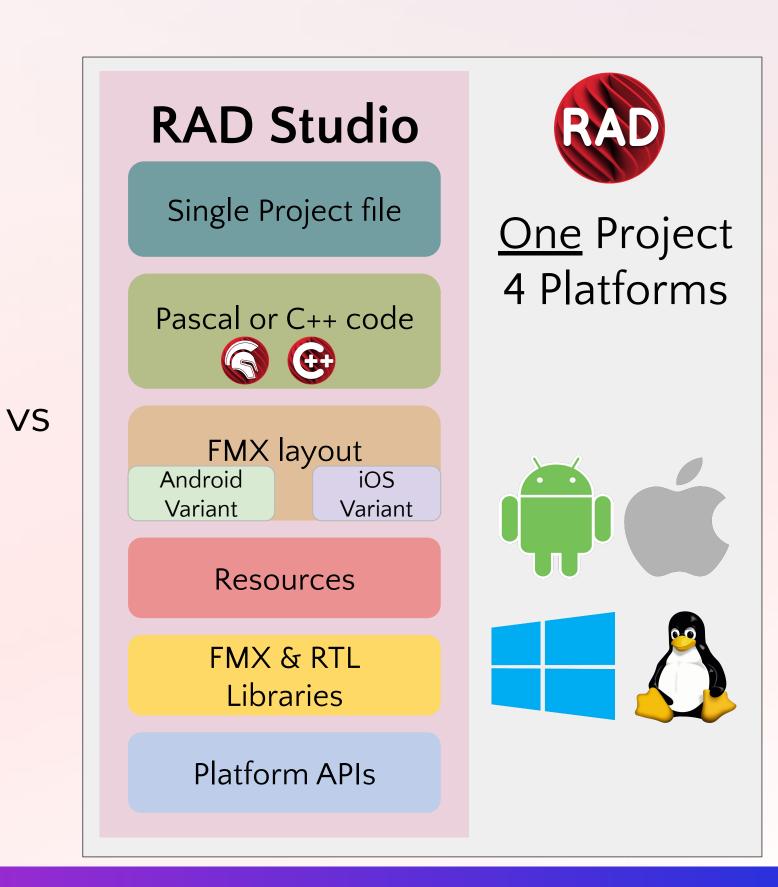




Fast time to market

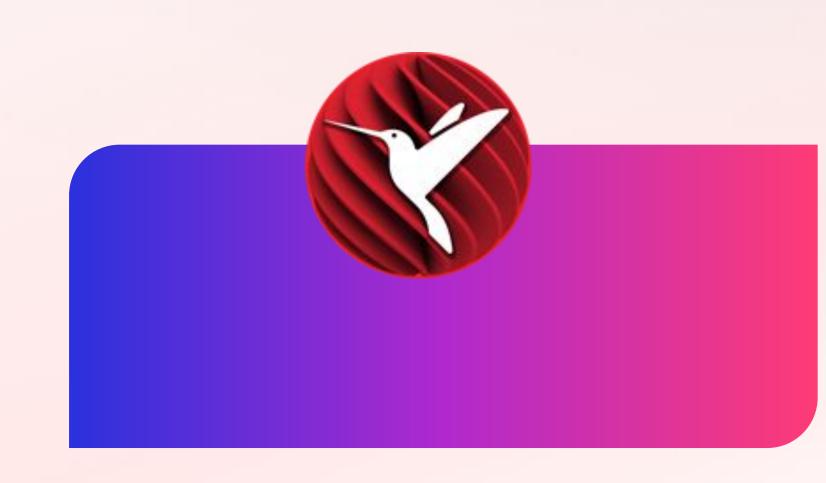
Platform Vendor Tools





Mobile and Data

Choosing the right database



InterBase ToGo, Included with Enterprise Edition

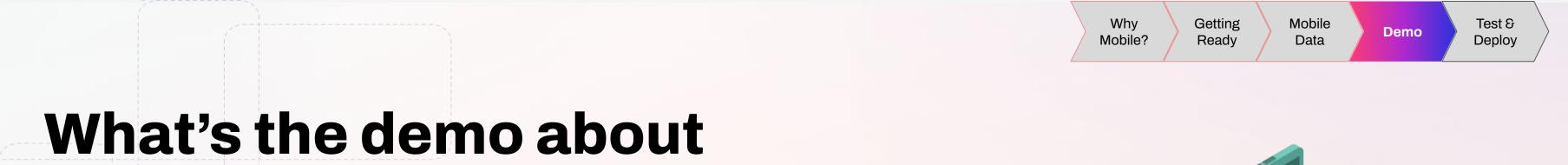


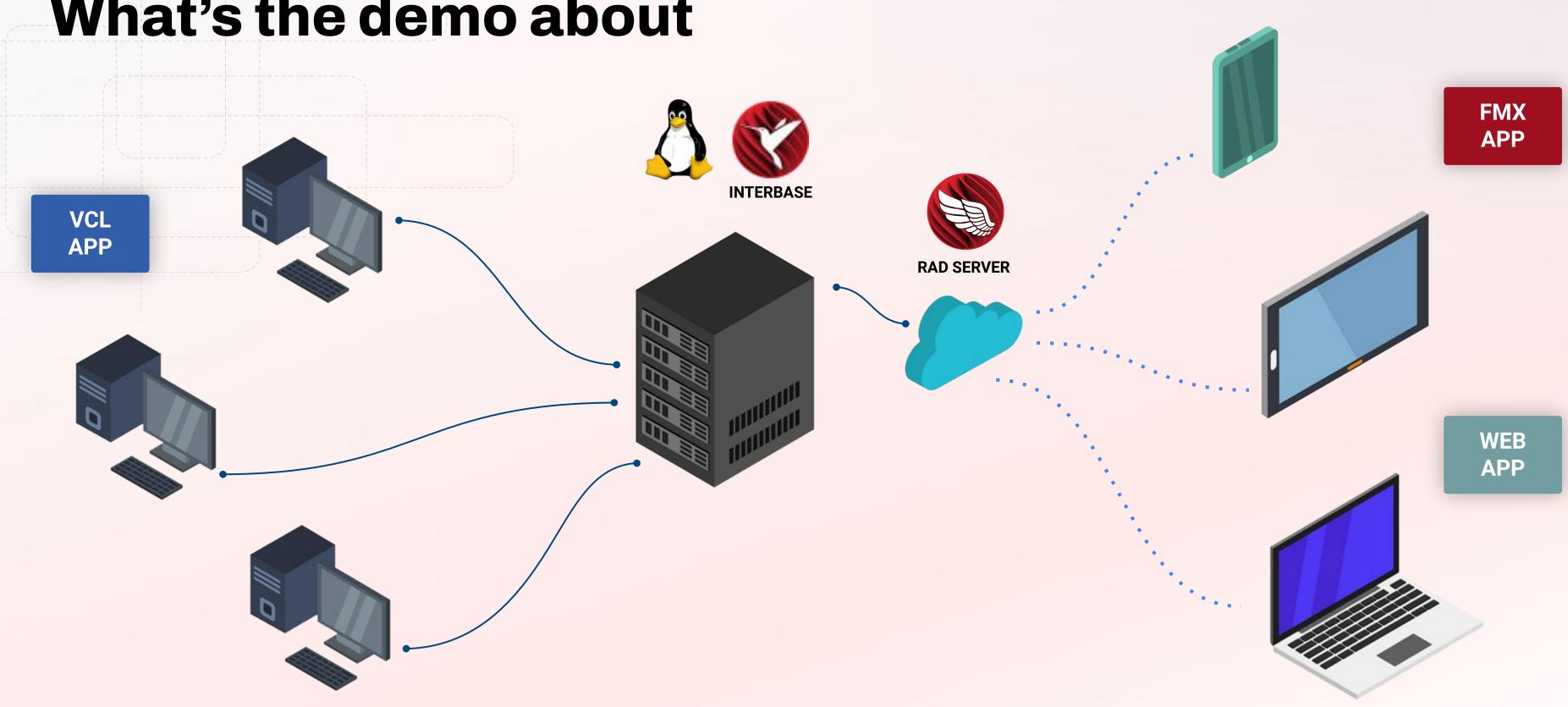
- Always Available
- Encrypt data
- Multiple encryption keys
- User/role specific decryption rights
- Cross Platform (full life cycle support)
- Change Tracking with ChangeViews™

Let's see a demo

No "hello worlds" or fish



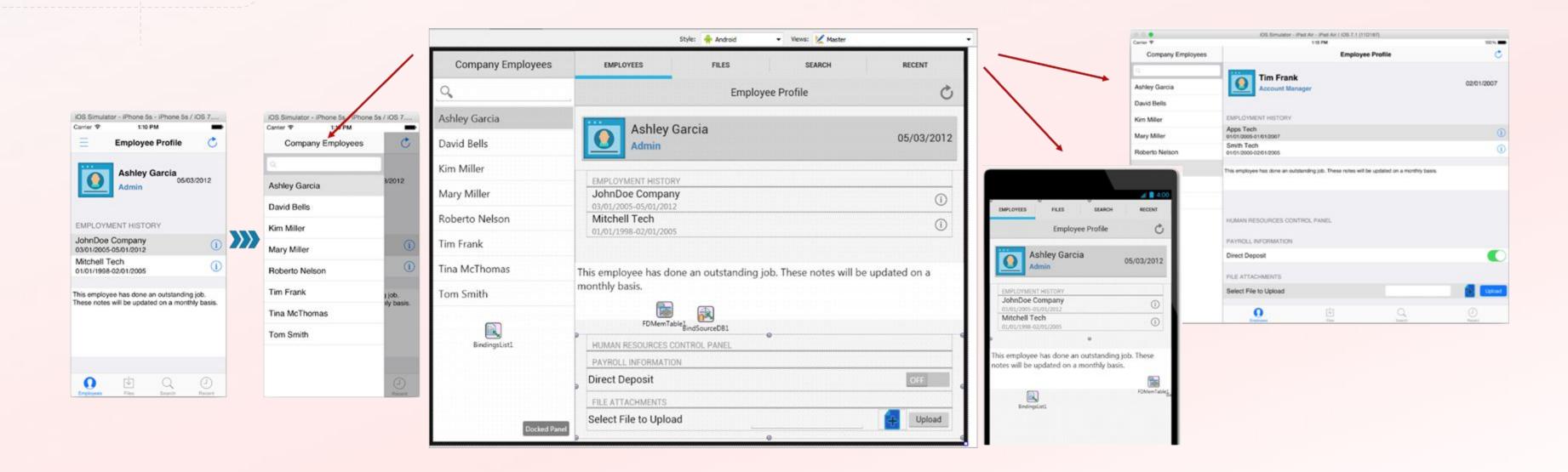




Demo

Best in Industry: FireUI Multi-Device Designer

Shared master and specific views
Visually customize forms for different platforms and form factors

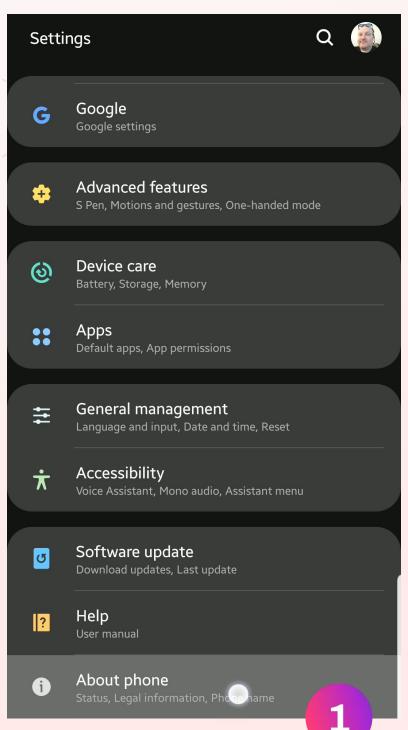


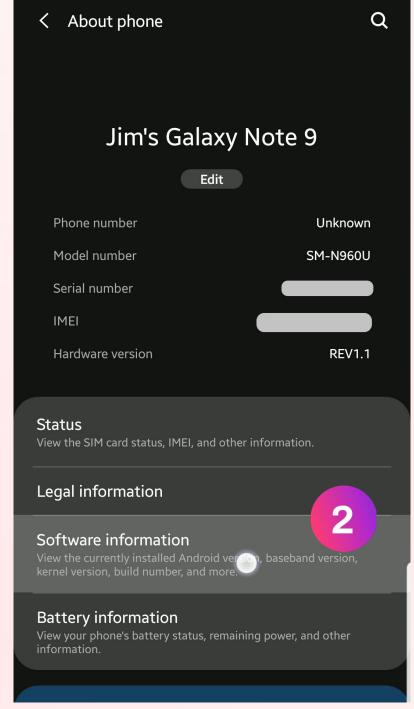
Entering Developer Mode

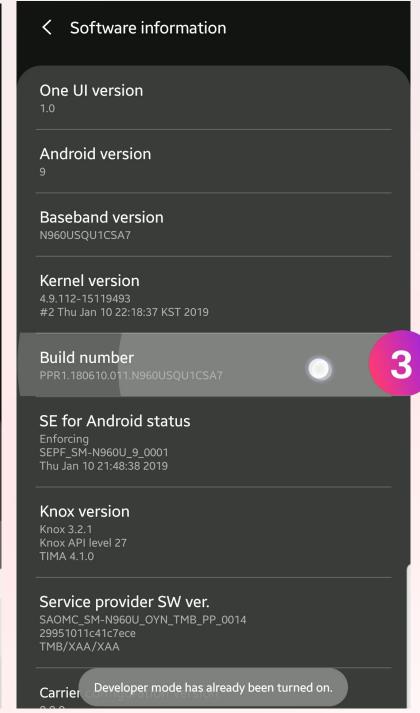
- Enter Settings
- 1 Goto About Phone
- 2 Software Information
- Locate Build Number
- 3 Tap seven times
- Official instructions

https://developer.android.com/studio/debug/dev-options

 Some platforms are slightly different

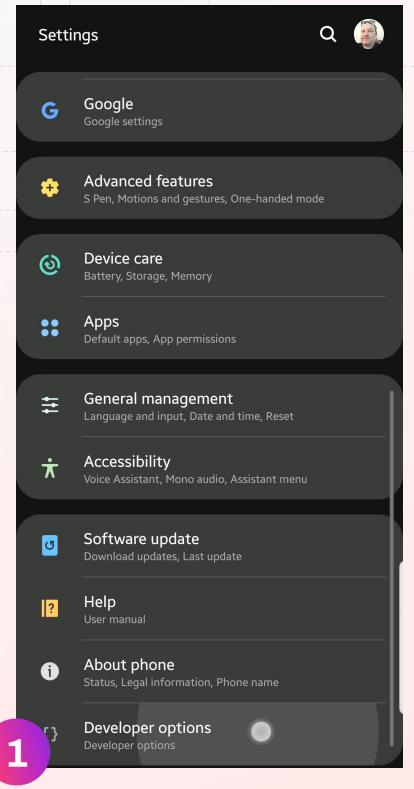


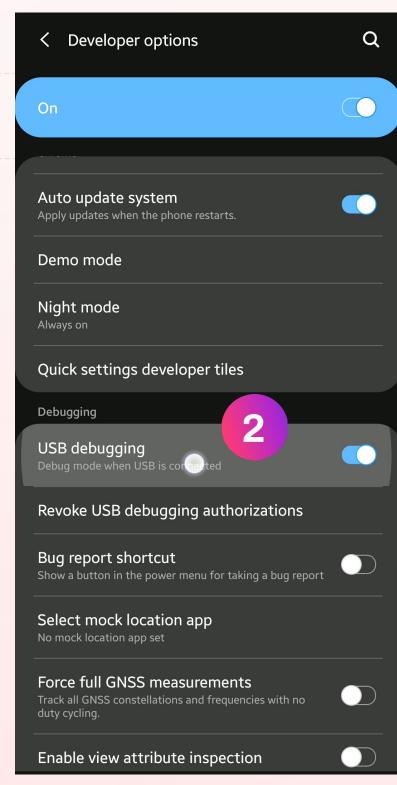




Ready

Enable USB Debugging

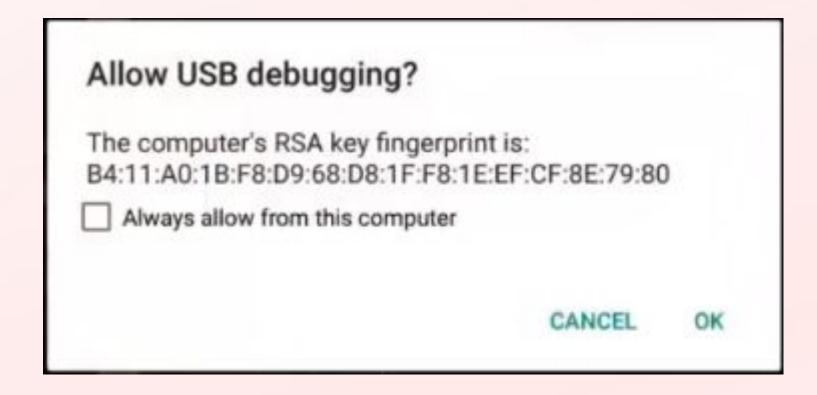




- After entering developer mode
- Go into Settings
- **Enter Developer options**
- Scroll down to USB debugging
- Enable USB debugging
- Confirm choice

Set up the Environment (ADB)

When you connect your device, you'll see a dialog similar to this on the device screen. Check the option to "always allow from this computer" and clock "OK"

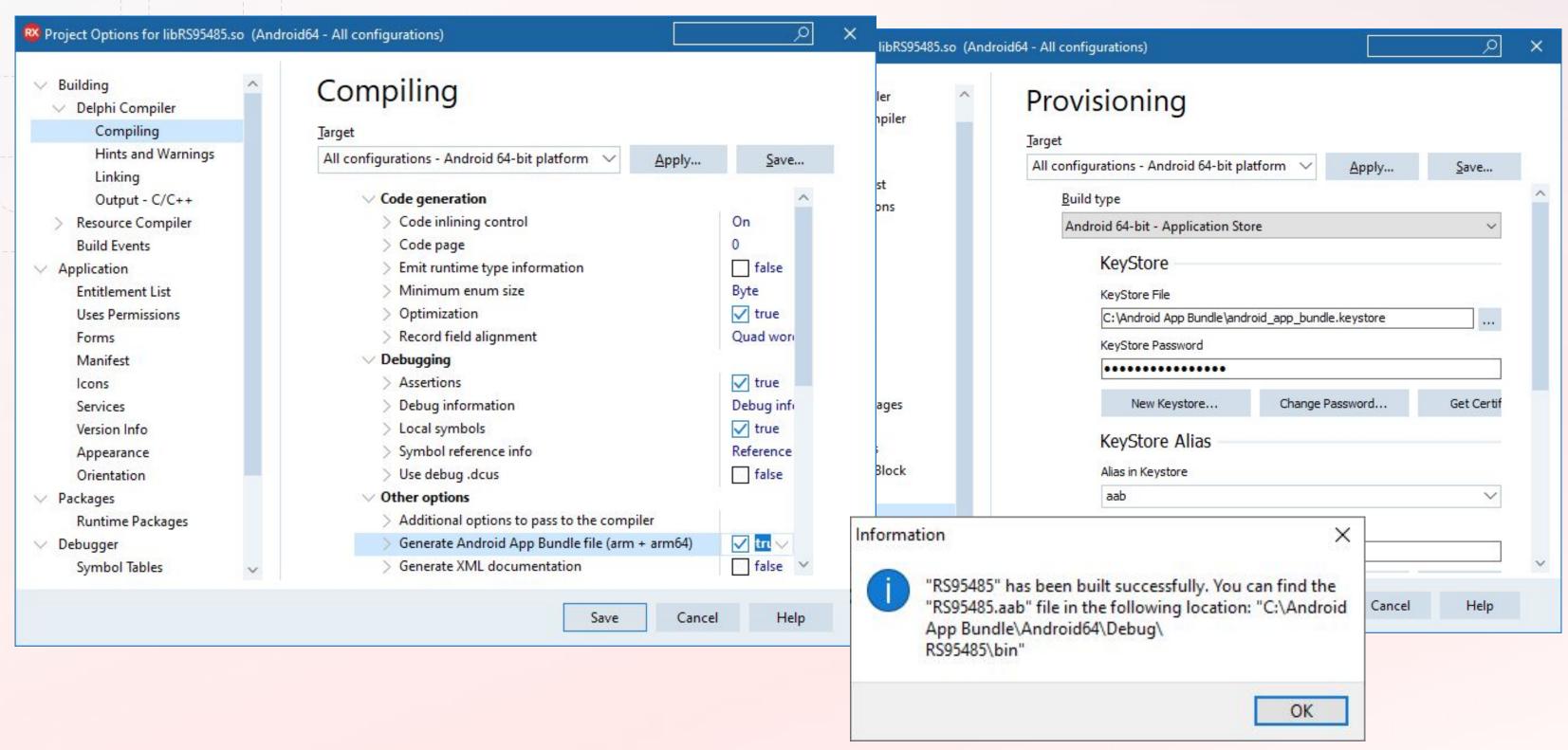


Appstores

Key points



AAB Steps



QSA



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