



NATIVE VS HYBRID
2015 SOFA GTL
TREEWATCH PROJECT



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1 Native vs hybrid application development

1.1 Decision criteria:

How important speed and performance would be, to you. If you would like your app to include any device-specific features If you want your app deployed to more than one platform

1.2 Hybrid

1.2.1 Pro's

- One Codebase
- iOS developer Account still needed to deploy the App to the iOS AppStore
- Developed in HTML5, CSS3 and Javascript
- Depending on the SDK - Full Access to the API

1.2.2 Con's

- SDK-dependent fee's
- iOS developer Account still needed to deploy the App to the iOS AppStore
- Developed in HTML5, CSS3 and Javascript
- Support for multiple browsers
- Apps performance dependent on the devices Browser capabilities

1.3 Native

1.3.1 Pro's

- Full Access to any API
- Optimised use of hardware resources
- Many code-snippets to be found online

- Two codebases to take care of
- Two different programming languages (Java & Objective-C or Swift)
- iOS developer Account