

JSWebView

AppApp

JSJSJS

1. URL SchemaURL SchemaAppAppURLURLApp
2. alert()confirm()prompt()()
3. window

AndroidIOSJSBridge

PWA

PWA Native

PWAService WorkerApp

PWA

1. Service Worker API
2. Web App ManifestApp URL

HybridWebViewDom

WebWorkerJSDomBomWebWorkerJS

setDataWebWorkerpostMessage

HybridReact NativeFlutter

HybridH5AppH5APIHybrid

React NativeReactDOMJavaScriptCoreJSJSUIJSReact NativeUI

FlutterHybridUIReact NativeUIJSFlutterUIDartFlutterSkiaFlutterHybridReact Native

AppHybridRNFlutterUI

Flutter

AndroidIOSFlutterApp

FlutterFlutter(JIT)FlutterJIT,AOTJITAppAOTApp

Flutter

1. FlutterDart
- 2.

3. HttpDart VM(FlutterDart VM)
4. UIFlutter FrameworkWidget

Flutter

AppBug

1. Tinker
2. Bugly

IOSFlutterCodePush

Flutter

MethodChannel

MethodChannelFlutterFlutter

EventChannel

EventChannelFlutterFlutterEventChannelFlutterEventChannelFlutter

BasicMessageChannel

BasicMessageChannelFlutterFlutterBasicMessageChannelFlutter

Flutter

1. FlutterFlutter CLIflutter create --template=plugin <>
2. Dart
3. DartFlutterDartFlutter
4. AndroidJavaFlutterFlutteriOSObjective-CSwiftFlutterFlutter
5. Flutterpubspec.yaml flutter pub get
6. FlutterAPIFlutter
7. Flutter

Flutter

1. **Flutter ScreenUtil**Flutter ScreenUtilpx
2. **MediaQuery**CSSMediaQuery.of(context)BuildContextMediaQueryData
3. **FractionallySizedBox**FractionallySizedBoxFractionallySizedBoxWidget
4. **AspectRatio**FractionallySizedBoxAspectRatioWidget

Flutter

1. Flutter Inspector
- 2.

-
- WebPJPEG XR.zipFlutterAssetBundle
- FlutterCode Splitting
- AOTAOTDart
- flutter build apk --split-per-abiABI

3.

-
-
- Splash

4. WidgetWidgetWidget

5. ListView.builderGridView.builderListView.builderGridView.builder

6.

-
- UIUIFlutterWrapFlow
-
- FlutterImageProviderImageCache

7. UI