



Intel® XDK

All-in-one HTML5 Development Environment



Product Brief

Write once, Deploy Across Many App Stores and Devices

Intel® XDK streamlined workflow enables developers to easily design, debug, build and deploy HTML5 web and hybrid apps across many app stores and form factors devices. Intel® XDK provides developers the tools, standards, and technology to reach more platforms, device coverage, and app stores cost effectively.

With Intel® XDK developers can easily build, test, and market a wide range of app genres, such as: Games, Entertainment, Business, Lifestyle, Education, Travel, Brain and Puzzle; Arcade and Action; Books and Reference; and Productivity apps.

Key Benefits

- Maximizes development momentum from idea to deployment
- Integrated templates, design, test, debug, and build tools to accelerate time-to-market
- Quick deployment to Android*, iOS*, and Windows* app stores, across many devices, with one code base

Deliver amazing mobile Games, Entertainment, and Travel user app experiences across various devices

Leverage the advantages of optimized JavaScript UI framework libraries, emulation tools, performance, and memory profiling tools to deliver immersive and responsive HTML5 app experiences across diverse devices.

From Idea to App Store Streamlined Workflow



Intel® XDK Up-Close:

Free download: XDK.Intel.com

Intel® XDK IDE

Built on Web technologies HTML, CSS, JavaScript*, and Node-Webkit backend

Host support

Microsoft Windows* 7-8.1, OS X*, and Ubuntu Linux*

Target Store Support

Android*, iOS*, Windows* 8, Amazon*, Nook*, Tizen*, Chrome*, Facebook*, Firefox* Marketplace

Intel® and ARM® Architecture

Design	Test & Debug	Publish
<ul style="list-style-type: none"> ▪ Quick start templates ▪ UI Design & Editor ▪ Crosswalk RT for Android ▪ Game Tools, Services, & Asset Manager 	<ul style="list-style-type: none"> ▪ Emulators & Debuggers ▪ Performance Profiler ▪ Live Development 	<ul style="list-style-type: none"> ▪ Build & Package Services ▪ Popular Hybrid & Web stores

Development Made Easy - Write once, Test, Publish

Features and Benefits

Design	<p>Quick Start Tools to accelerate responsive app design</p> <ul style="list-style-type: none"> • Templates, Samples, and demos • Popular UI Frameworks and UI Builder tool • Open source Editor BRACKETS*
Game Tools and Services support	<p>Easy path to Game Development, fast path to App Stores</p> <ul style="list-style-type: none"> • Construct2*, Cocos2D*, Phaser*, Pixi*, and EaselJS* part of CreateJS* Suite game engine support. Lets developers leverage Intel® XDK's tools and free build services for Android*, iOS*, and Windows* app stores and devices • Game Asset Manager makes it easier to access, manage, and manipulate game assets with the Editor. • Google* Play Game Services and Apple* Game Center services support. Enables game developers to drive engagements, reward players, socialize, set leaderboards, and achievements. • W3C Gamepad API support for high-impact game interaction using gamepad or joystick devices.
APIs and plug-ins	<p>Everything in one place to easily manage APIs and Plug-ins</p> <ul style="list-style-type: none"> • Intel® XDK plug-in for Sublime* Text – provides direct access to Intel XDK tools from the Sublime Text Toolbar menu • Cordova* 4.x base container for all OS platforms, plus 100's of Cordova APIs • Cordova* 4.x, PhoneGap*, and Github* repository 3rd party plug-in support • Monetization, advertising, maps, Facebook, DataStream services, Secure data and Secure storage APIs, Dolby API
Emulate, Test, Debug	<p>Saves time with easy and fast app testing & debugging</p> <ul style="list-style-type: none"> • Real-time live testing & editing on device side-by-side app preview • Emulator - test on-board device sensors, push messages, firing events • JS Remote Debugger for Android* and iOS* - Efficiently debug apps remotely
Performance & Quality Profilers	<p>Make apps fast, better, and ready to market</p> <ul style="list-style-type: none"> • Remote JS Performance Profiler for Android – finds performance bottlenecks • Memory Profiler for Android Crosswalk • Xlint Platform compatibility CSS3 Checker for cross-platform compatibility issues
Expanded Device API Support	<p>More native access to device features, better mobile user experiences</p> <ul style="list-style-type: none"> • Cordova* 4.X API apps device emulator, testing support for many devices • Access device and native platform features through JavaScript* APIs • Crosswalk Runtime for Android extends Hybrid app capabilities
Write once, Publish to App Stores	<p>More app stores, greater market reach</p> <ul style="list-style-type: none"> • Hybrid Apps: Apple* App Store , Google* Play, Nook* Store, Amazon* Appstore for Android*, Windows* Store, Windows* Phone • Web Apps: Facebook*, Chrome* Store, Firefox* Marketplace, Your Own • Cloud-based build system simplifies packaging of Web & Hybrid built apps for various app stores
Standards, OS support, Pricing	<p>Business value, one codebase for multiple OSs, App Store, & devices</p> <ul style="list-style-type: none"> • Open Standards – HTML5, CSS3, JavaScript makes everything much easier • Supported on Windows 7 & 8, Apple OS X, and Ubuntu Linux • Pricing: Free download at: http://XDK.Intel.com

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