

ADOBE® READER® MOBILE SDK



The Adobe Reader Mobile SDK is a powerful tool enabling third-party developers to support EPUB and PDF eBook display.

Overview

Adobe Reader Mobile SDK (RMSDK) is a developer toolkit which provides EPUB and PDF rendering capabilities for software developers and is compatible with Adobe Content Server. Devices and applications built with our RMSDK technology can display content licensed through Adobe Content Server.

RMSDK supports over-the-air content fulfillment as well as tethered transfers via Adobe Digital Editions. It is designed to allow porting and integration with your own software and device firmware.

EPUB and PDF support

RMSDK supports high-quality rendering of the EPUB file format, a structured, accessible XML-based format designed to reflow text according to screen and font size. RMSDK renders EPUB with support for multiple graphic formats including SVG; embedded fonts; and support for stylesheets and templates. EPUB is the official standard of the International Digital Publishing Forum (IDPF), a trade and standards organization dedicated to the development and promotion of electronic publishing and content

RMSDK also provides fast, high-quality rendering of PDF files conforming to the ISO 32000 standard. RMSDK supports rendering for most all PDF features, including transparency and conversion of PDF color spaces into grayscale or RGB rasters.

Adobe Content Server compatibility

RMSDK supports digital content copy-protected by Adobe Content Server (Adobe DRM). Hundreds of publishers, libraries, retailers and solution providers are distributing and managing eBooks using our Adobe Content Server and secured with Adobe DRM. All of this content can be read by any viewer built using the RMSDK technology. Adobe DRM is based on OpenSSL and does not require any third party libraries.

Unprotected PDF and EPUB documents can also be transferred and read with an RMSDK-based viewer.

Multi-language support

RMSDK provides document-level support for English, French, German, Italian, Spanish, Portuguese, Dutch, Korean, Chinese Simplified, Chinese Traditional and Japanese. Device-

RMSDK Licensees include:

- Alcatel-Lucent
- Aldiko
- Bookeen
- Copia Interactive
- eBrary
- Kobo Inc.
- Neosoar Inc.
- PocketBook International

resident fonts are required for CJK support on Linux devices; system fonts are used on Windows devices.

DL Reader sample app

Our RMSDK distribution also includes source code and project files for DL Reader, our fully-functional eBook viewing app. Features include:

- Compatible with Adobe Content Server, including device-restricted and time-limited eBooks
- Allows for device activation via Adobe ID
- Supports Adobe Vendor ID
- Supports text size changes, and orientation changes
- Cloud synchronization

Availability

Licensing and developer support for Adobe Reader Mobile SDK is available directly from Datalogics. Datalogics also manages a fully-supported software evaluation program for the toolkit.

Contact us

At www.datalogics.com/contactus for information on licensing and availability.

Hardware Requirements

Minimum hardware: ARM instruction set processor running at 200MHz (up to 800x600 screen resolution).

Recommended hardware: ARM9E/ARM10 or comparable at 400MHz for optimal performance on a wide range of documents and screen sizes.

Runtime memory requirements vary with type of document, but most will render with 10MB of available RAM.

Power Consumption

No fixed requirements, dependent on hardware and the complexity or size of documents.

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For more information

For more details about the Adobe Reader Mobile SDK, visit:

www.adobe.com/devnet/readermobile/
www.datalogics.com

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