Product Introduction

1 Overview

ZEGO file sharing service (ZegoDocs), providing file processing related functions. Common file formats can be transcoded into vector, PNG, PDF, HTML5 pages and other target formats that are convenient for cross-platform on-demand. They are often used in online education courseware sharing, video conference material sharing, network disk document preview, mailbox attachment preview and other scenarios. In general, ZegoDocs has two capabilities:

- Convert the local file format into a file format that can be played on various platforms.
- On-demand files and rendering to the view, providing various platform view plug-ins.

2 Platform Support

Platform	SDK	Demo Experience	Compatibility
iOS	Support	Support	Minimum compatible with iOS 8
Android	Support	Support	Minimum compatible with Android 5.0
Windows (QT)	Coming soon	Coming soon	Minimum compatibility with Windows 7
Windows	Support	Support	Minimum

(Win32)			compatibility with Windows 7
Windows (Electron)	Support	Support	Minimum compatibility with Windows 7
macOS (QT)	Coming soon	Coming soon	-
macOS (Electron)	Support	Support	Minimum compatibility with macOS 10.10
macOS (Objective-C)	Support	Coming soon	Minimum compatibility with macOS 10.10
Web	Support	Support	For detailed compatibility, please refer to [Compatibility Description](#)
Mini Program	Support	Coming soon	-
Server	Coming soon	Coming soon	Coming soon

3 Advantages

3.1 Audio and Video Synchronization

By turning the page and synchronizing the audio and video streams, participants can synchronize the presenter's files, audio and video images in real time, avoiding the situation where the images and sounds do not match.

3.2 Support Dynamic and Static Document Conversion

Files such as PPT, Word and PDF can be converted into HTML5 pages or pictures, and the animation effects in the files can be retained to ensure the accuracy of information transmission.

3.3 File Lossless Restoration

Losslessly restore the original content of the file (including fonts, layout, etc.), and still have the same clear experience as the original file after scaling.

3.4 Ultra-low Threshold On-demand

Based on a powerful self-developed rendering engine, it encapsulates the view components for browsing files on each platform. Perfectly handle large files and irregular files, and support zooming.

3.5 Fast File Loading Speed

Further speed up on the basis of traditional CDN, and improve the loading speed of user files through self-developed scheduling system and on-demand loading.

3.6 File Encryption

Supports file access authentication, and encrypts the entire process from format conversion to on-demand browsing.

4 Function Introduction

Function Type	Function Name	Remarks
File operation	File page turning, scrolling	Support previous page, next page, and scrolling browsing
	Move up and down	Support move up and down
	File zoom	Support 100%-300%

		zoom
	File thumbnails	Support display thumbnails of ppt and pdf files
	File multi-display mode	Coming soon
Support format	Static presentation files: pptx, ppt	Support presentation static presentation files
	Dynamic presentation files: pptx, ppt	Support dynamic presentation files
	Text files: doc, docx	Support presentation text files
	Form files: xls, xlsx	Support presentation form files
	Picture files: jpg, jpeg, png, bmp	Support demo picture files
	Other formats: pdf, txt	Support demo pdf, txt
File operation	File information	File ID, file type, file page number, content width and height, shared authentication information, etc.
	Dynamic PPT motion synchronization	Support multi-terminal motion synchronization
	File recording and playback	Coming soon
	Access Control API	Coming soon