

# iPod - iPhone - iPad

Apple



*A Quick Guide*

## Introductory Level

Designed for iPad. Applicable to other devices.

Revised November 2016

**GUARDRAIL**  
Tutorials

# File Types - Apple iPad

## iOS

Some of the usual file types which will open natively on the **iPad**:

### Images



**.jpg** - JPEG (Joint Photographic Experts Group) compressed image (lossy)

**.tiff** - Tagged Image File Format (variants, usually lossless, sometimes lossy)

**.gif** - Graphic Interchange Format (usually lossless)

**.png** - Portable Network Graphic (lossless, normally editable)

### Music



**.mp3** - 'MPEG-1 Audio Layer 3' compressed audio file type (a lossy standard designed by the Moving Picture Experts Group)

**.aiff** - uncompressed (lossless) audio developed for Apple's **OS X**

**.wav** - uncompressed (lossless) audio developed by Microsoft

**.m4a** - compressed audio using (Apple) **AAC** encoding (usually lossy)

### Movies



**.mp4** - 'MPEG-4' digital multimedia format designed by the Moving Picture Experts Group which allows streaming content over the internet

**.m4v** - Raw MPEG-4 Visual bitstream

**.mov** - common compressed multimedia format developed by Apple (and used as the basis for the MPEG-4 standard)

# File Types - Apple iPad

(continued)

## PDF



**.pdf** - Portable Document Format

- a cross platform document format that allows consistent viewing across all major platforms such as **Windows**, **Apple Mac**, **Unix** and **Linux**

- previously required **Adobe Acrobat Reader** to view this document type

- some modern web browsers such as **Google Chrome** and **Apple Safari** provide native support

## Text



**.txt** - Standard text file without significant formatting (platform independent)

**.rtf** - Rich Text Format developed by Microsoft for cross platform document interchange and supports embedding of common image types (eg jpg and png)

*... and many more*

## Webpages



**.html** - HyperText Markup Language

**.htm** - HyperText Markup (as above, just shorter file extension)

**.xhtml** - Extensible HyperText Markup Language (HTML4 with strict XML guidelines)

# File Types - Apple iPad

(continued)

## Apple iWork

Mac OS X  
equivalent



### Apple Pages

- .pages** - word processing and desktop publishing file type
- Pages can open and edit Microsoft Word documents (including .doc and Office Open XML files) and plain text (.txt) files.
- export documents in **.doc**, **.pdf** and **ePub** formats



### Apple Numbers

- .numbers** - spreadsheet file type native to the Numbers app
- The Numbers app will open Microsoft **.xsl** files as well as export to **.xsl**, **.pdf** and **.csv** file formats



### Apple Keynote

- .key** - presentations and slideshow files
- Keynote can also open Microsoft **.ppt** files as well as export to **.ppt**, **.pdf**, **.mov** (Quicktime movie) and image files such as **.jpg**, **.png** and **.tiff**



# File Types - Apple iPad

(continued)

## Microsoft Office



### Word

**.doc** - presentations and slideshow files (older format)

**.docx** - Office Open XML default format for **MS Word** since Office 2007



### Excel

**.xls** - 'Microsoft Excel 97-2003 Worksheet'

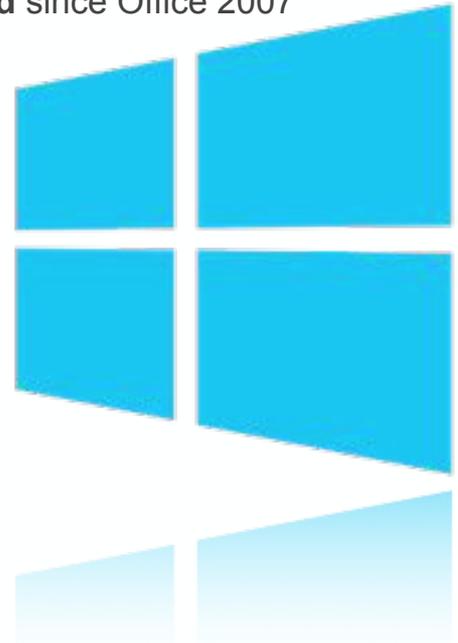
**.xlsx** - Excel spreadsheet - Office Open XML format



### Powerpoint

**.ppt** - Legacy PowerPoint Presentation

**.pptx** - PowerPoint Presentation - Office Open XML



# File Browsers - iPad

## Several Examples



### Documents by Readdle

An integrated file browser for locating and managing files and folders on the iPad. It also serves as a document viewer (supporting most common file types) and media player for all the most common media files. It allows one to open, view and edit files from the **iCloud Drive** as well.



### DropBox

A **cloud storage** and synchronisation service with an integrated file browser for use on the **Windows, Android, iOS, Mac, and Linux** platforms. Support for most common file types. Access to files from a vast amount of apps.



### Google Drive

Like DropBox and iCloud, Google Drive is primarily a cloud storage service. It is well integrated with **Gmail** and other Google services. It also has an integrated file browser and works on Windows, Android, iOS, Mac, and Linux (as 'Grive'). Support for viewing most common file types (even more than DropBox).

# Summary - File Types on iPad

The basic file types for almost everything we normally do

- **Images:** JPG, TIFF, GIF and PNG
- **Music:** MP3, AIFF, WAV and M4A
- **Movies:** MP4, M4V, and MOV
- **Documents:** PDF, TXT, RTF and more
- **Apple iWork:** PAGES, NUMBERS and KEY
- **Microsoft Office:**
  - **Word** - DOC and DOCX,
  - **Excel** - XSL and XSLX,
  - **Powerpoint** - PPT and PPTX
- **Webpages:** HTML, HTM and XHTML

