

Application

PDF Viewer

Note

A quick overview of the PDF
Viewer

The PDF Viewer application allows the user to open a PDF from a list of available documents. The user can flip pages and zoom into the document as well.

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Changelog

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What is PDF Viewer?

PDF Viewer is a simple application that allows a user to view a PDF on the device. When the app is opened, a list of PDFs from the device will be shown. The user can select a PDF and interact with it by scrolling through the pages, as well as using the zoom functionality.

Installing PDF Viewer

NOTE: Before attempting to install the app (apk file), please make sure that this zip package is fully unzipped (regular folder) as scripts may not work if they are being run from within a zip file.

Instructions for Windows

Double click the install.bat file inside the "/windows" directory.

Instructions for Mac

- Step 1) Open Applications/Launchpad > Utilities/Other > Terminal Step
- 2) In Terminal, run the following command:

```
sh "[path to PDF Viewer folder]/mac/install.sh"
```

Instructions for Ubuntu

- Step 1) Open Applications > Accessories > Terminal Step
- 2) In Terminal, run the following command:

```
sh "[path to PDF Viewer folder]/ubuntu/install.sh"
```

When the application is installed on the device, the following icon will appear in the launcher



Importing PDFs to PDF Viewer

PDF Viewer looks for PDF files in the following location on the device:

```
"enterprise/pdfs"
```

Instructions for Windows

It is possible to drag PDFs from the Windows desktop to the directory "enterprise/pdfs" on the device. If PDF Viewer has been opened, the directory at "enterprise/pdfs" will already be created; otherwise it will need to be created. Once the directory is created, drag the PDF from Windows Explorer to the directory "enterprise/pdfs" on the device.

```
adb push filename.pdf /sdcard/enterprise/pdfs
```

Instructions for Mac

It is possible to drag PDFs using Android File Transfer from the Mac desktop to the directory "enterprise/pdfs" on the device. If PDF Viewer has been opened, the directory at "enterprise/pdfs" will already be created, otherwise it will need to be created using Android File Transfer. Once the directory is created, drag the PDF from Finder to the directory "enterprise/pdfs" on the device.

```
adb push filename.pdf /sdcard/enterprise/pdfs
```

How to use PDF Viewer

Once PDF Viewer is open, and the sample PDFs have been pushed to the "/enterprise/pdfs" directory on the device the screen should appear as below, showing a list of the 3 sample PDFs. To open a PDF press the select button on the device.

Electric Meter.pdf

ReconOS UI.pdf

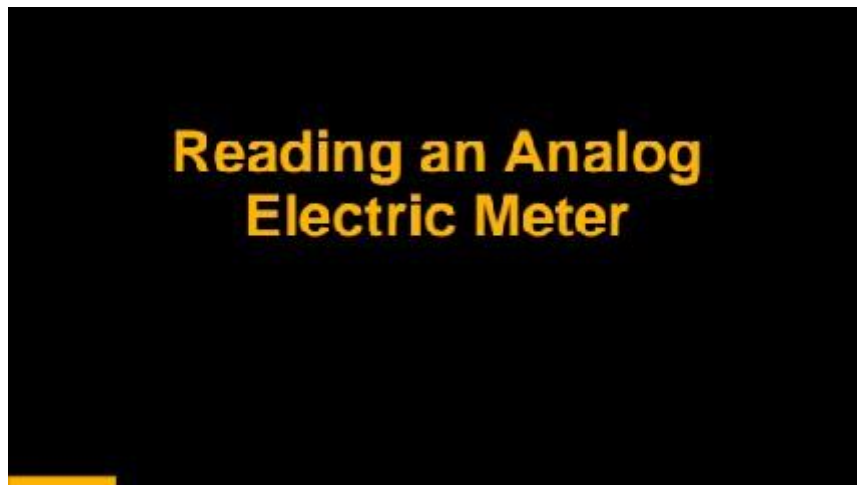
Leaky Pipe.pdf

Interacting with PDF Viewer

Once a PDF is opened, there are 3 methods of interacting with the PDF:

- Changing page
- Zooming in and out of the page and scrolling around at zoom
- Enabling Quick Page Search mode to select a page by number

Below is a screenshot of the sample PDF "Electric Meter.pdf" included in the sample

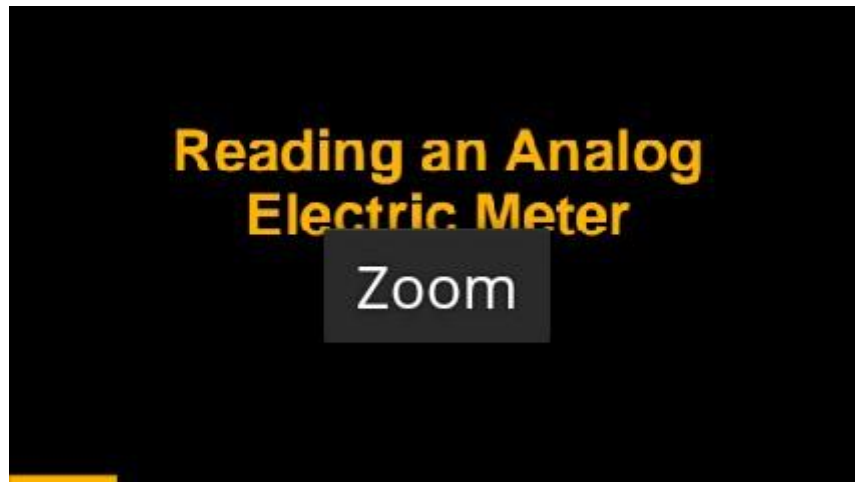


Changing Page

Swiping forward on the touchpad will take you to the next page. Swiping backward will take you to the previous page.

Zooming in and out of the page

To toggle 'zoom mode', quickly tap twice on the side of the device (the touchpad area). Make sure to tap firmly (your taps must trigger the accelerometer). When 'zoom mode' is enabled, "Zoom" will appear on screen (before fading away), as shown below:



Once 'zoom mode' is enabled, swipe forward on the touchpad to zoom in, and swipe backward to zoom out. There are 5 zoom levels available.

To scroll around while zoomed in on a page, quickly tap the touchpad twice to switch to 'drag mode'. When 'drag mode' is enabled, "Drag" will appear on screen (before fading away), as shown below:



Pressing the 'Back Button' while zoomed in will reset the view (zoomed out all the way), and will switch modes back to 'drag mode'.

Quick Page Search mode

When viewing a PDF it may be necessary to jump to a particular page, or to see which page is currently being viewed. Press the select button for 2 seconds, and then release it to show the Quick Page Search dialog. Swipe forward and backward on the touchpad to go through the list of pages. Press the select button to choose the page. Press the cancel button to dismiss the dialog.



Errors

If the directory "enterprise/pdfs" does not exist on the device, the following error message will display when PDF Viewer is opened:



If the directory "enterprise/pdfs" contains no PDFs the following error message will display when PDF Viewer is opened:



Sample Template

While any PDF can be viewed with PDF Viewer, there is a sample template called "ReconOS UI Template.potm" provided in the root folder of the zip file for use in PowerPoint and Keynote.

When opening the template in PowerPoint, a dialog box will open, prompting that the template contains a macro. Click "Enable Macros" to continue.

The macro included allows a Progress Bar to be inserted into the bottom of each slide – this is useful when demonstrating PDFs which are to be treated as a series of steps – like a Work Flow, where the Progress Bar indicates how many pages or steps are left in a demonstration.