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# Software and System Tools and Applications

## Standard Base Software

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item** | **Software/Configuration/Plugin** | **Word Editing** | **Latex Editing** | **Open Document Editing** | **Presentation Editing** |
|  | **PDF EDITING** |  |  |  |  |
| 1 | Adobe Acrobat Pro 9 or above (DC) | ✓ | ✓ | ✓ | ✓ |
| 2 | Barcode Font | ✓ | ✓ | ✓ |  |
| 3 | Crop and Dotting Script for Acrobat JACoWSetDot.js | ✓ | ✓ | ✓ |  |
| 4 | Distiller Options  JACoW-10.joboptions | ✓ | ✓ | ✓ | ✓ |
| 5 | Enfocus PitStop | ✓ | ✓ | ✓ | ✓ |
| 6 | Pitstop Media Box JACoW Media Box.eal | ✓ | ✓ | ✓ |  |
|  | **SYSTEM TOOLS ETC** |  |  |  |  |
| 7 | Font Liberation Mono  Liberation Mono - .ttf | ✓ | ✓ | ✓ | ✓ |
| 8 | Anti-Virus | ✓ | ✓ | ✓ | ✓ |
| 9 | Compression Tools (**7-Zip**, WinZip, WinRAR) | ✓ | ✓ | ✓ | ✓ |
|  | **SYSTEM MEDIA** |  |  |  |  |
| 10 | VLC Media Player |  |  |  | ✓ |
| 11 | K-Lite Codec Pack |  |  |  | ✓ |
| 12 | IrfanView | ✓ | ✓ | ✓ | ✓ |
| 13 | CamStudio |  |  |  | ✓ |
| 14 | VirtualDub |  |  |  | ✓ |
| 15 | Handbrake |  |  |  | ✓ |
|  | **WEB BROWSERS** |  |  |  |  |
| 16 | Web Browser Firefox (User Preferred) | ✓ | ✓ | ✓ | ✓ |
| 17 | Web Browser Chrome (User Preferred) | ✓ | ✓ | ✓ | ✓ |
| 18 | Microsoft Edge (User Preferred) | ✓ | ✓ | ✓ | ✓ |
|  | **DOCUMENT EDITORS** |  |  |  |  |
| 19 | Microsoft Word | ✓ |  |  |  |
| 20 | LibreOffice Writer |  |  | ✓ |  |
| 21 | Miktex |  | ✓ |  |  |
| 22 | TeXStudio, Texmaker, TeXnicCenter |  | ✓ |  |  |
| 23 | Notepad++ | ✓ | ✓ | ✓ | ✓ |
|  | **SLIDES TOOLS** |  |  |  |  |
| 24 | Microsoft PowerPoint |  |  |  | ✓ |
| 25 | Transparency Splitting ( PPspliT ) The zip file password is:“ppsplit” |  |  |  | ✓ |
| 26 | Keynote (on mac systems) |  |  |  | ✓ |
| 27 | Mac Fonts |  |  |  | ✓ |

Finding Software Online

|  |  |  |
| --- | --- | --- |
| **Item** | **Download Locations** |  |
| 1 | <https://github.com/JACoW-org/AcrobatPitStopTools> | Repository of addins |
| 2 | <https://github.com/JACoW-org/AcrobatPitStopTools/tree/master/barcode_font> | (Right click on Raw, Save Link As) |
| 3 | <https://github.com/JACoW-org/AcrobatPitStopTools/blob/master/JACoWSetDot.js> | (Right click on Raw, Save Link As) |
| 4 | <https://github.com/JACoW-org/AcrobatPitStopTools/blob/master/JACoW-10.joboptions> |  |
| 6 | <https://github.com/JACoW-org/AcrobatPitStopTools/blob/master/JACoW%20Media%20Box.eal> |  |
| 7 | <https://www.freebestfonts.com/liberation-mono-font> | Download front site and install on system |
| 9 | https://www.7-zip.org/ | Download and Install |
| 10 | https://www.videolan.org/vlc/ | Download and Install |
| 11 | https://codecguide.com/download\_k-lite\_codec\_pack\_full.htm | Download and Install |
| 12 | https://www.irfanview.com/64bit.htm | Download and Install, also install full plugins |
| 13 | https://camstudio.org/ | Download and Install |
| 14 | https://virtualdub.org/ | Download and Install |
| 15 | https://handbrake.fr/ | Download and Install |
| 21 | <https://miktex.org/>, https://miktex.org/howto/install-miktex | Download and Install |
| 23 | https://notepad-plus-plus.org/downloads/ | Download and Install |
| 25 | <http://www.maxonthenet.altervista.org/ppsplit.php>  https://www.jacow.org/JTM2016/ProcessingTransparenciesEmbeddingAnimations | See instructions on JACoW.org |

# Configuration Requirements and Notes

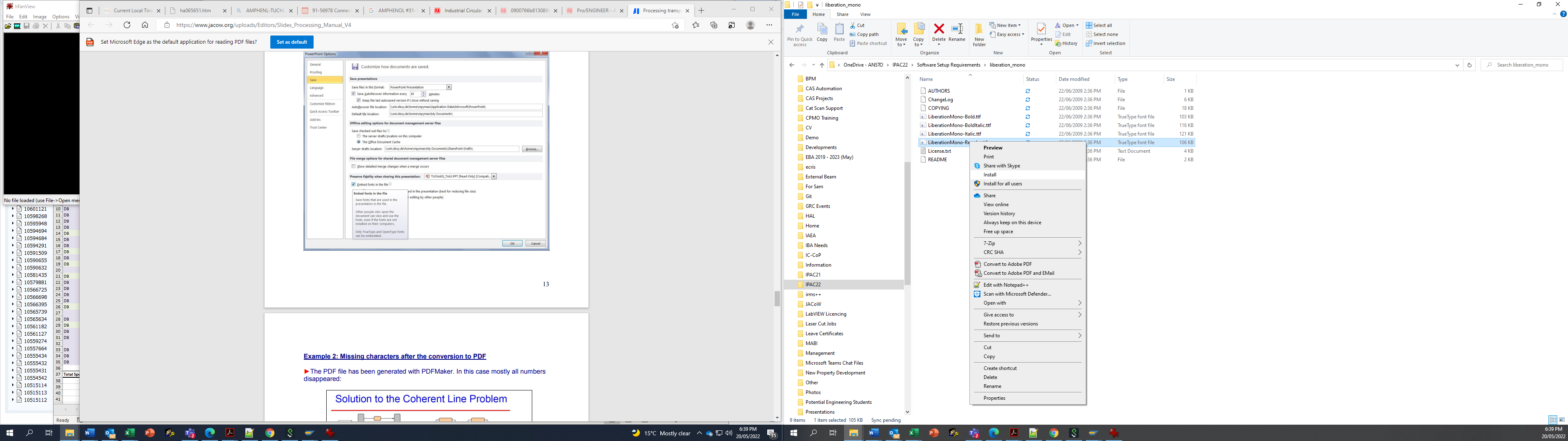
|  |  |
| --- | --- |
|  |  |
| System | Notes for Font Install |
| Adobe Acrobat | Configure Acrobat, install script |
| Adobe Distiller | Configure install JACoW-10.options, See below or Quick Guide |
| Word |  |
| Pitstop | See Quick Guid |
| PowerPoint | <https://www.jacow.org/uploads/Editors/Slides_Processing_Manual_V4> |

## Quick Guide

|  |
| --- |
| Quick info for Acrobat/PitStop/PowerPoint scripts and tools  \* JACoW-09.joboptions - JACoW 2009 JobOptions for Acrobat Distiller  \* JACoW-10.joboptions - JACoW 2010 JobOptions for Acrobat Distiller  \* JACoW Media Box.eal - JACoW Crop Media Box Action List for Enfocus PitStop  \* JACoWSetDot.js - JACoW Acrobat extension to assign dots+ on paper  \* SplitAnimations.ppa - PowerPoint add-in to split animation when creating PDF  \* SplitAnimations.ppt - "Workspace" for developing the SplitAnimations.ppa PowerPoint add-in  \* barcode\_font - TrueType font needed by JACoWSetDot.js to create the barcode onto papers  Instructions on how to use these files.  JobOptions:  copy the file into the Acrobat | Settings folder (or import via Distiller  via the "Settings | Add Adobe PDF Settings..." menu entry.  Media Box Action List:  Import from PitStop "Run Action List" menu item by right-clicking on the "Local"  folder and then choosing "Import/Export..."  JACoWSetDot.js  First, install the "fre3of9x.ttf" font into the computer. The exact procedure  may vary from platform to platform. On OSX a warning could be given - just ignore  it and proceed with the installation.  Copy "JACoWSetDot.js" into the Acrobat JavaScript extensions folder.  Also this path could change for different operating system and Acrobat versions.  For Windows 7 and Acrobat 9 it defaults to  C:\Program Files\Adobe\Acrobat 9.0\Acrobat\Javascripts  and for Mac OS X 10.9 and Acrobat 11 it defaults to  ~/Library/Application Support/Adobe/Acrobat/11.0/JavaScripts  (the directory may not exist - create it manually).  Also, remember to set the security option in Acrobat's preferences, otherwise  the script won't work. Go under Edit->Preferences->General->JavaScript  and check the "Enable menu items JavaScript execution privileges" option.  Moreover, in the "Identity" tab be sure to have your (editor) name set,  REFERENCES:  - https://helpx.adobe.com/acrobat/kb/user-javascript-changes-10-1.html  - http://www.pdfscripting.com/public/111.cfm  SplitAnimations.ppa  Put it into the \Microsoft\Addins folder. |

## System

Install Fonts Barcode, and Liberation Mono. Right Click on each font and select install.



## Adobe Acrobat Pro

Note: the screen shots may very from version to version of Acrobat

### 1. Access Preferences Menu

Ctrl + K Access the Preference Menu

|  |  |
| --- | --- |
| Acrobat DC (Standard not Pro) | Acrobat 2017 |
|  |  |

### 2. General Settings

Stop Acrobat from generating URLs links in distilled papers. *(Uncheck “Create links from URLs”)*

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

### 3. Page Display

Display fonts using the fonts in the PDF not local fonts. *(Uncheck “Use local fonts”)*

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

### 4.1 Content Editing

Make sure Adobe Acrobat displays this as they are. *(Uncheck “Enable Artificial Bold/Italic Styles”)*

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

### 4.2 Content Editing

While editing if you accidentally type changing text in the PDF you may not notice, by setting the editing text and add text to Wingdings 36 font size it will be obvious immediately

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

### 5.0 Convert From PDF

Include all fonts during embedding. In the **Encapsulated PostScript** drop down menu *“Font inclusion” = Embedded and Referenced Fonts*, *Uncheck Convert TrueType to Type 1.*

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
|  |

|  |
| --- |
| Acrobat 2017 |
|  |
|  |

6.0 Identity

Place your name in the identity “Name” field which will be printed on the top of the page when you print a dotted paper.

|  |
| --- |
| Acrobat DC (Standard not Pro) |
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| Acrobat 2017 |
|  |

### 7.0 Javascript

JavaScript > Enable Menu Items > Check Enable menu items JavaScript execution privileges.

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

### 8.0 Search

Configure the Acrobat search tool.

|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

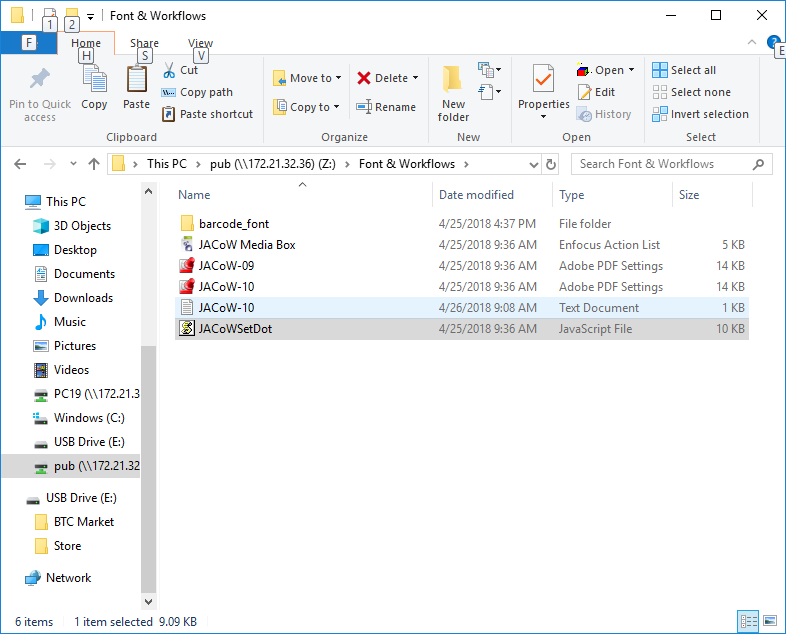
### 9.0 Units and Guides

Setup the gridline which will show you the margin rules on the page. These are turned on and off using Ctrl + U

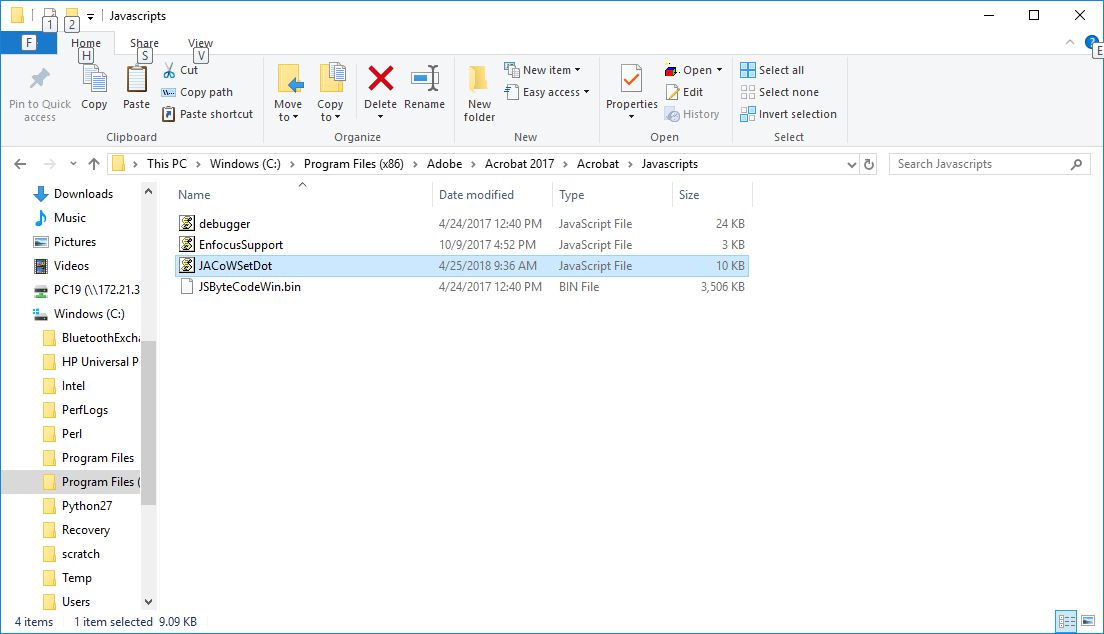
|  |
| --- |
| Acrobat DC (Standard not Pro) |
|  |
| Acrobat 2017 |
|  |

### Copy Doting Script to the Correct Location

Place Dotting Script into ……. Directory, note the directory will be named the same as the version of acrobat you are using.

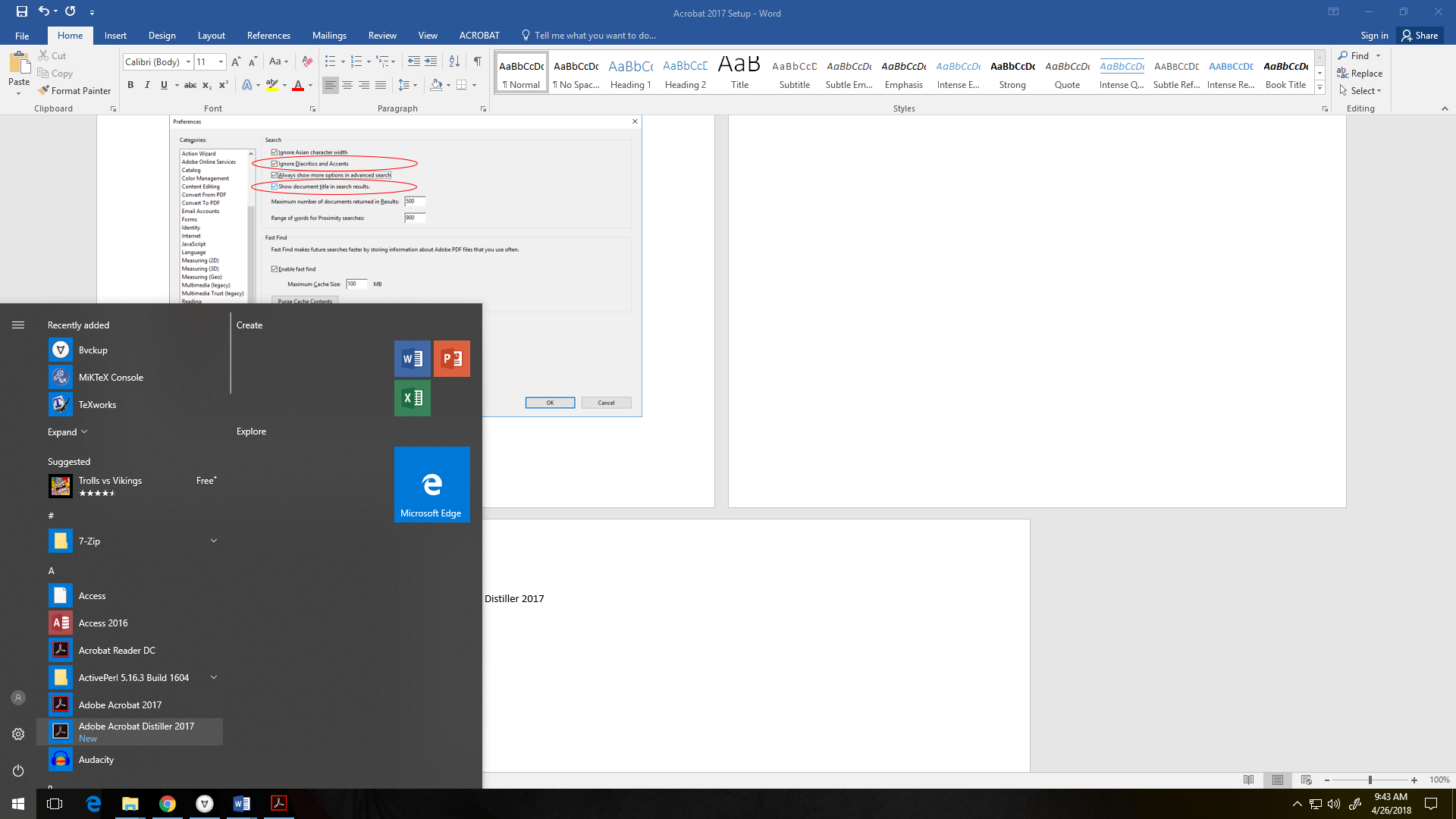


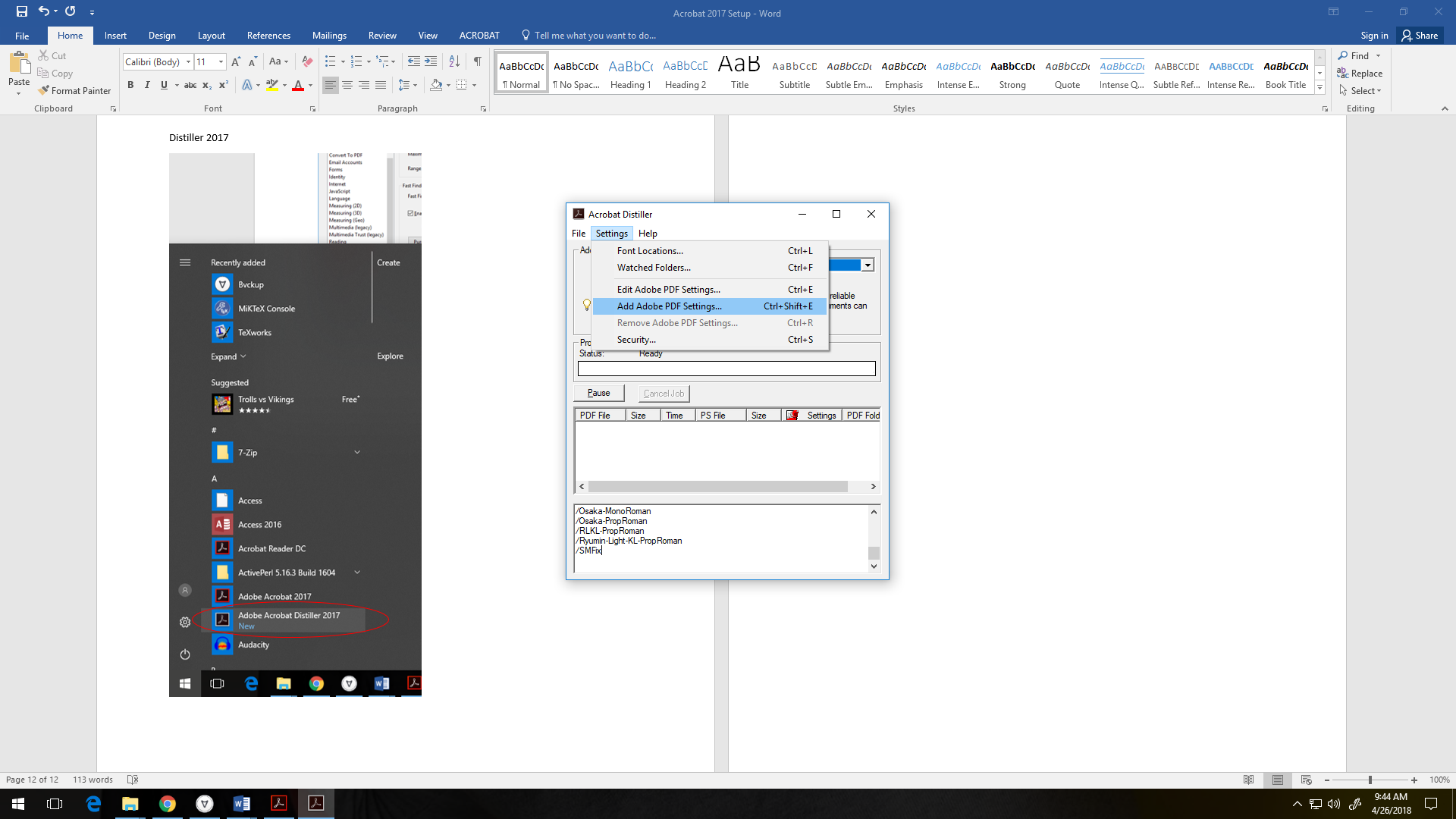
Copy to local temp directory first

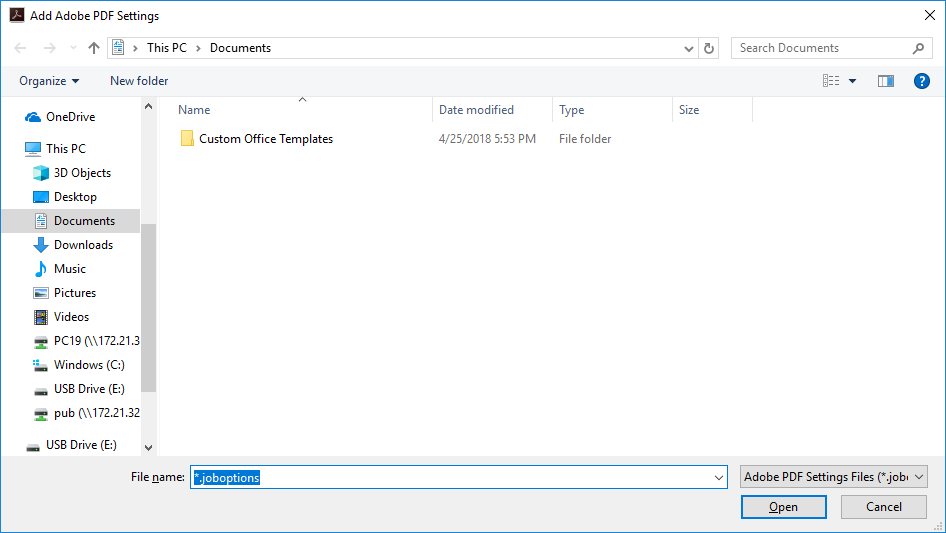
C:\Program Files (x86)\Adobe\Acrobat 2017\Acrobat\Javascripts

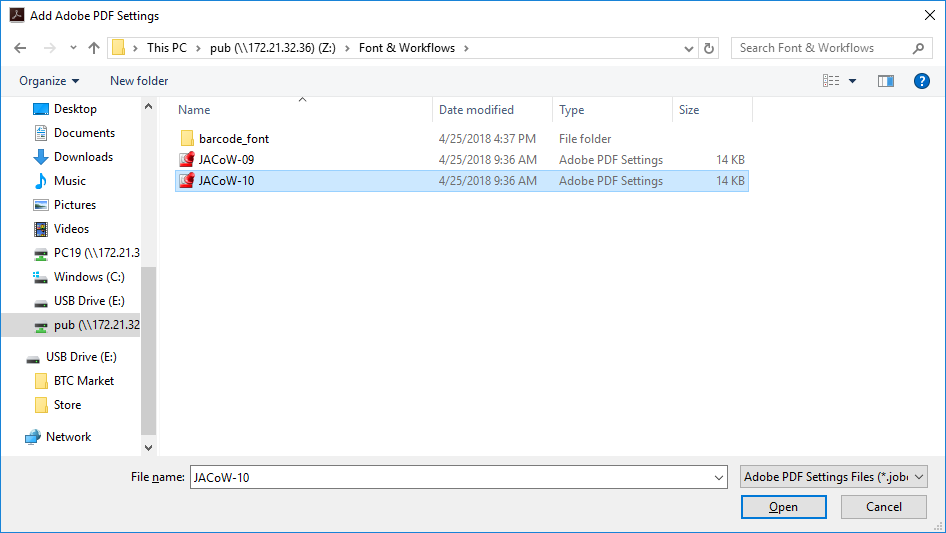
## Distiller Configuration

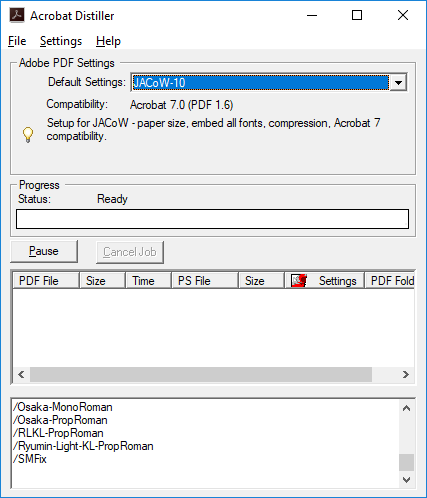
This will explain who to add the JACoW-10 options to the distiller etc.

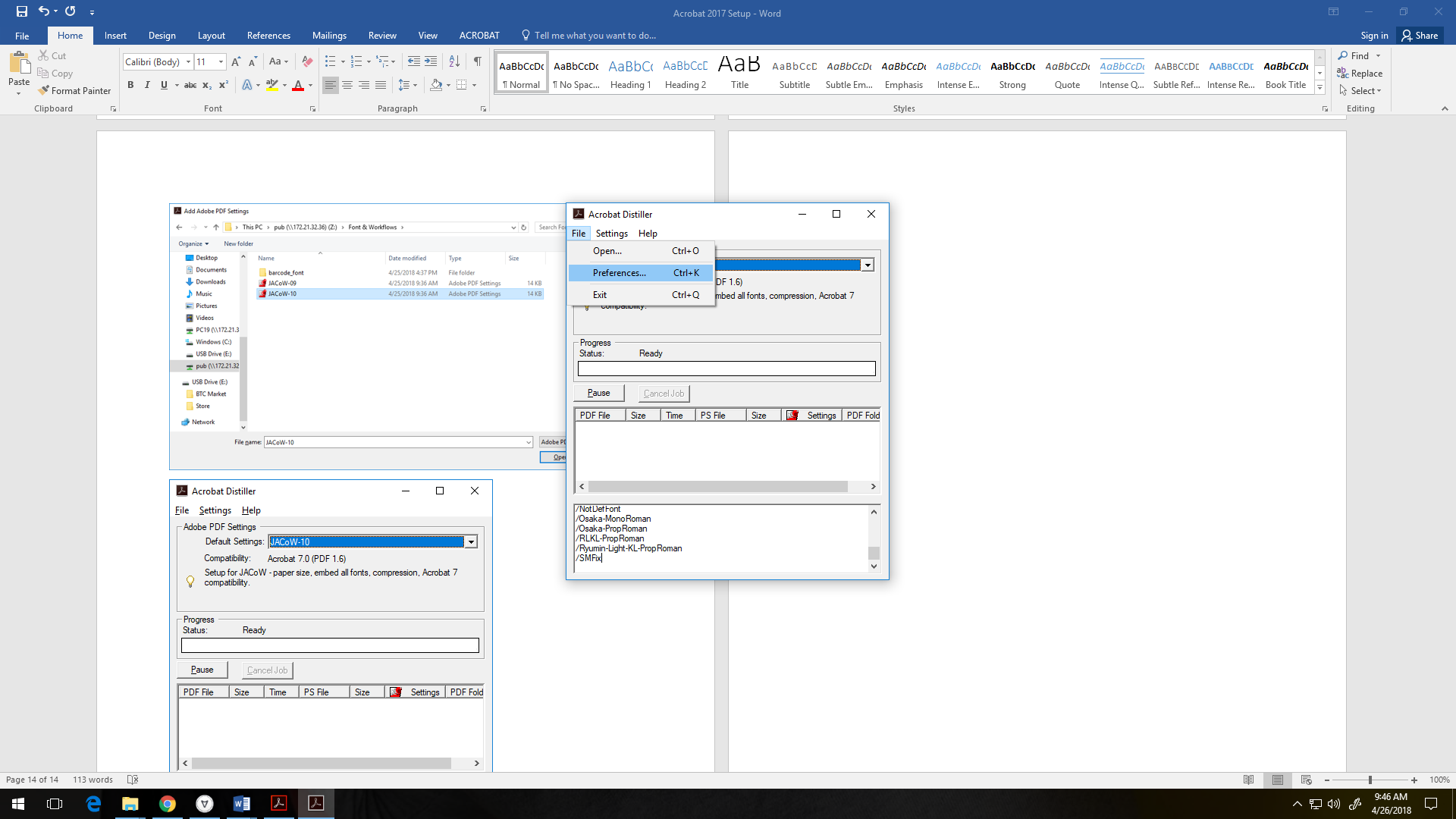


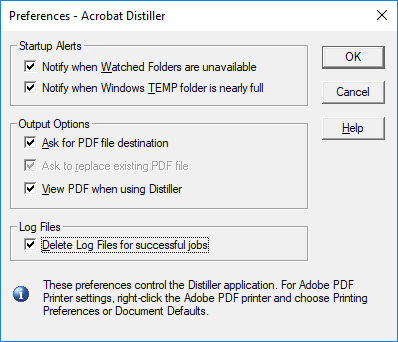




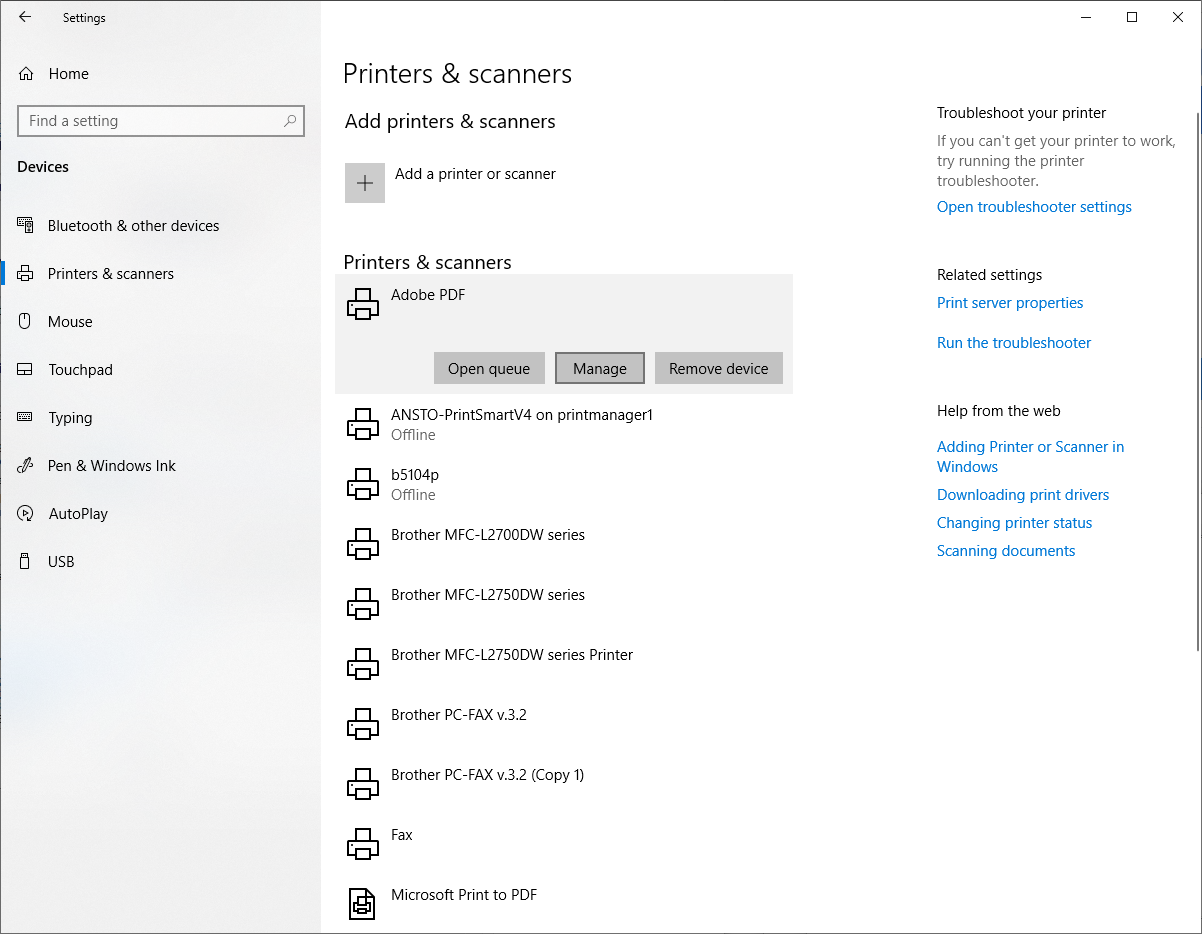


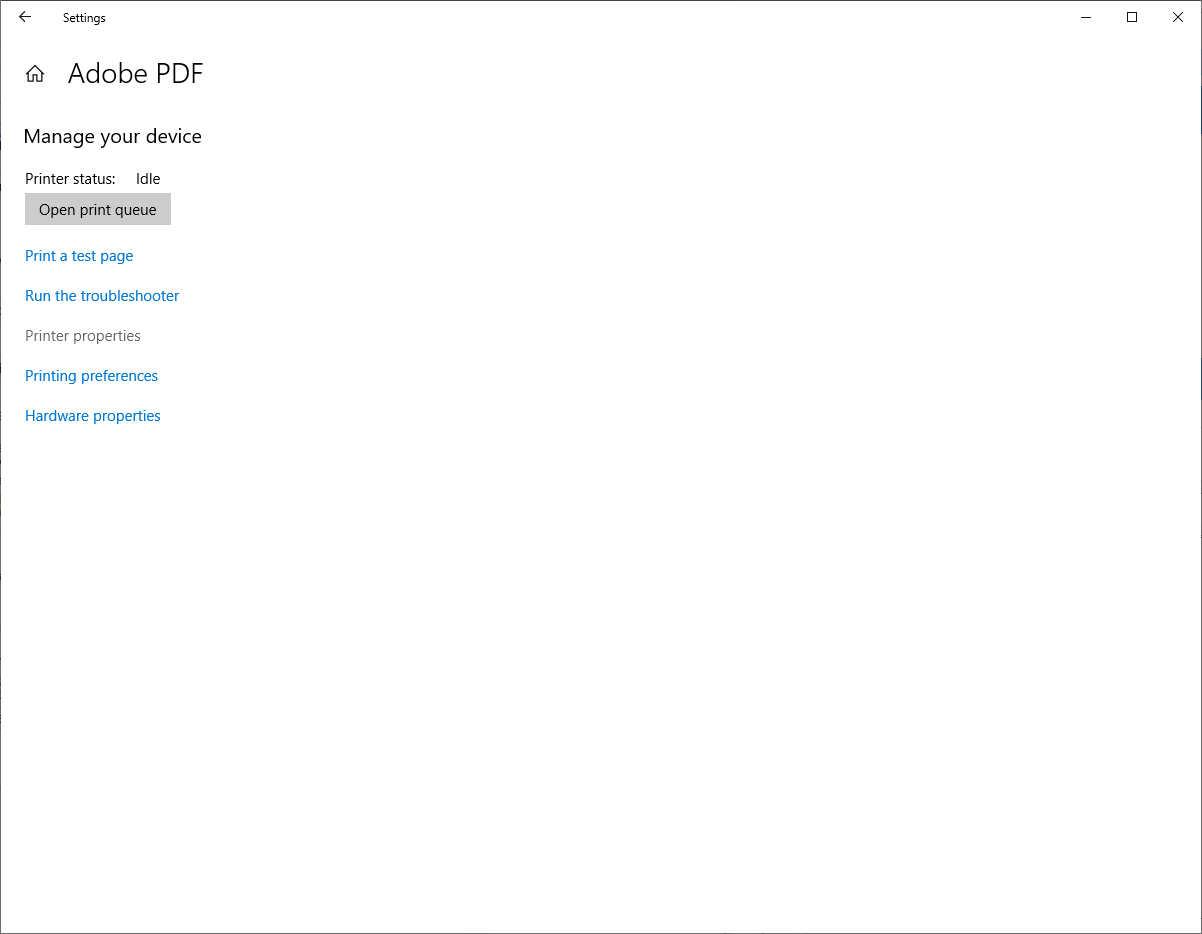


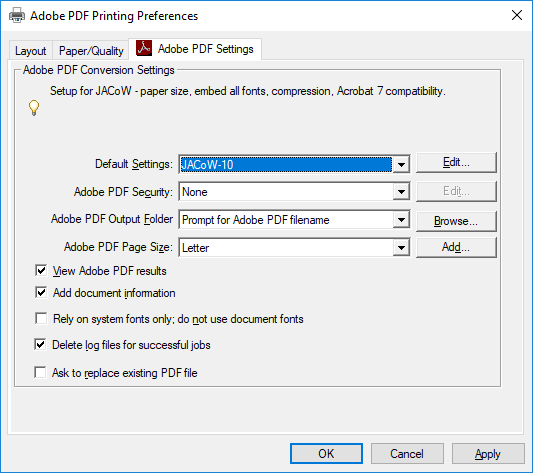


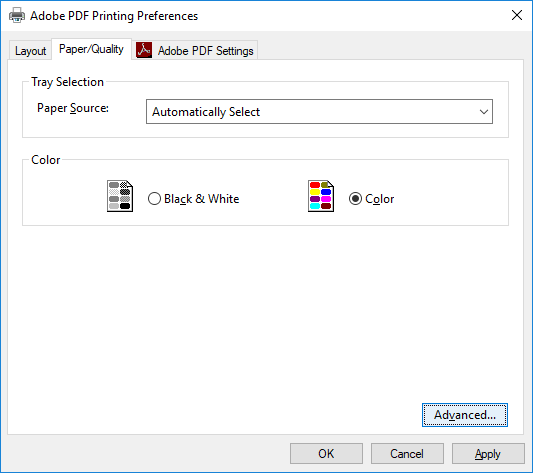


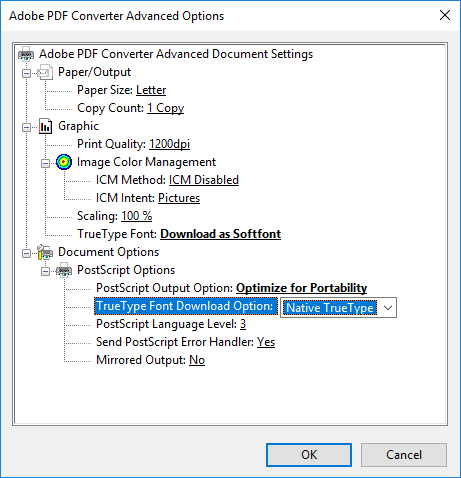
Goto your System printer s Adobe Printer



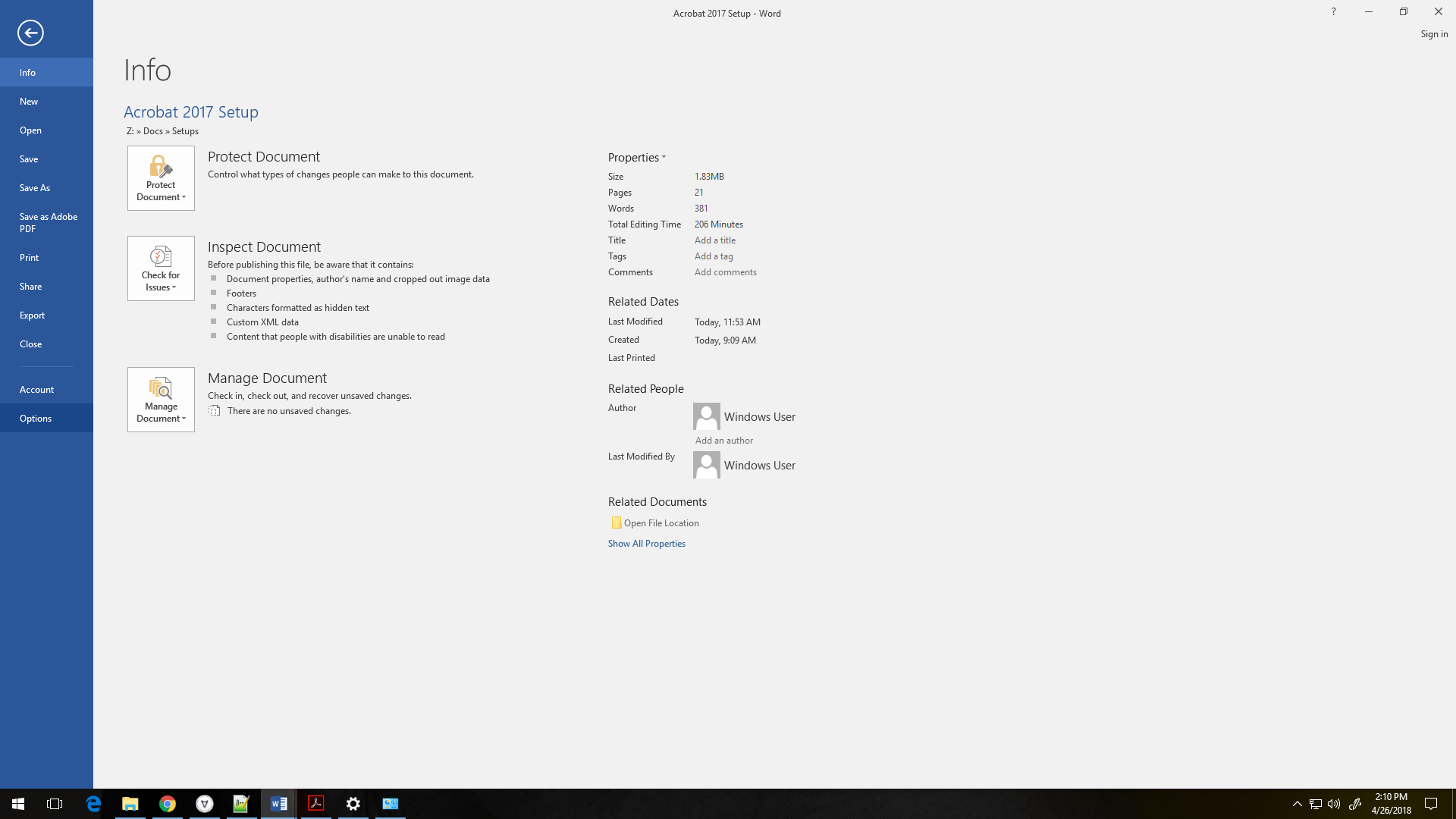


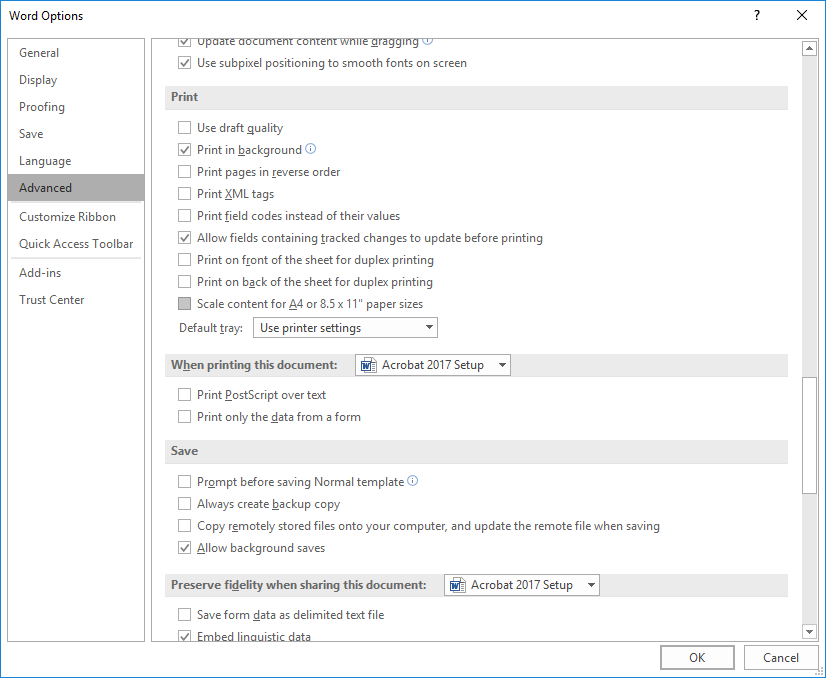


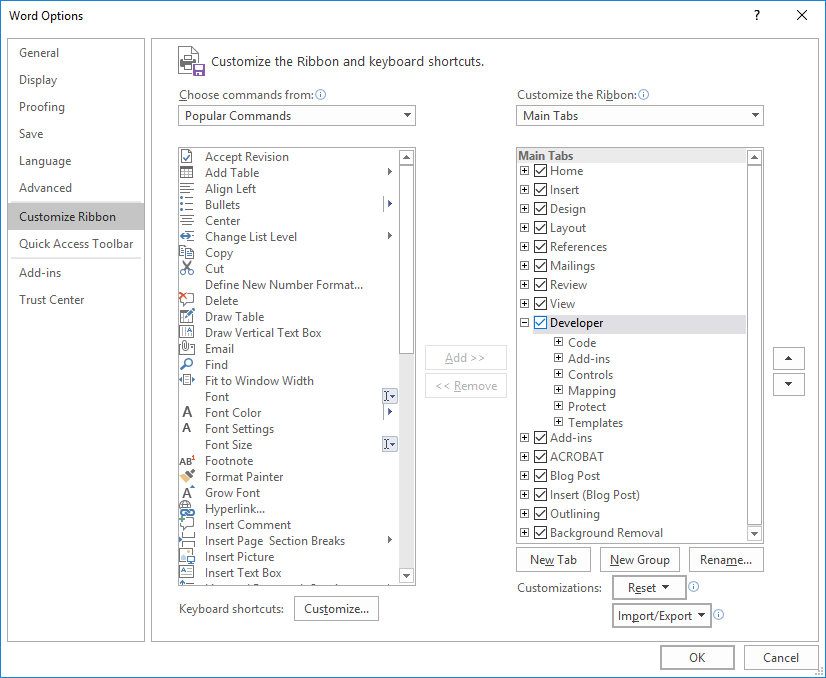




## Word







Now will have Development Tab on the Ribbon.

