

# Requirements:

Tool to do the following functionalities.

1. Conversions:

## Convert To PDF

- 1. JPG to PDF
  2. WORD to PDF
  3. POWERPOINT to PDF
  4. EXCEL to PDF
  5. HTML to PDF

## Convert from PDF

1. PDF to JPG
2. PDF to WORD
3. PDF to POWERPOINT
4. PDF to EXCEL
5. PDF to PDF/A
6. Free version allows only 10 mb file to be uploaded and paid allows 500 mb.

# Node Packages for Conversion:

## Convert to PDF:

### Image to Pdf:

<https://www.npmjs.com/package/image-to-pdf?activeTab=readme>

Html to PDF <https://www.npmjs.com/package/html-pdf-node> Word to PDF

<https://gotenberg.dev/>

### Word to HTML

<https://www.npmjs.com/package/converthtmltoexcel>

### Powerpoint to PDF

Paid: <https://purchase.aspose.com/pricing/>

Free: <https://www.npmjs.com/package/@hckrnews/ppt2pdf>

### Excel to PDF

1. xls to pdf

Paid solution: <https://blog.groupdocs.cloud/conversion/convert-excel-sheets-to-pdf-in-node-js/>

1. xls to csv then to JSON to html with css then to pdf.

# Convert from PDF:

**PDF to Jpg** <https://www.npmjs.com/package/pdf-to-img> **PDF to ppt** <https://www.npmjs.com/package/pdf-officegen> **PDF to Word** <https://www.npmjs.com/package/pdf-officegen> **PDF to Excel** <https://npm.io/package/pdf-to-excel>

## PDF to PDF/A

Not available.

# Python Package for Conversion:

## Excel to PDF:

<https://www.geeksforgeeks.org/convert-excel-to-pdf-using-python/>

Package Throw away tests:

Conversion Type	Package Name	Link	Status
PDF to image	pdf-img-convert.js	<a href="https://shorturl.at/xrm5z">https://shorturl.at/xrm5z</a>	Works Fine
Image to PDF	image-to-pdf	<a href="https://shorturl.at/nMtO">https://shorturl.at/nMtO</a>	Test in process

# This is a Sample Slide

- Here is an outline of bulleted points
- You can print out PPT files as handouts using the  
PRINT >  
PRINT WHAT > HANDOUTS option