# 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/converithtmldocx2>

### Powerpoint to PDF

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

Free: [https://www.npmjs.com/package/@hckrnews/ppt2pdf](https://www.npmjs.com/package/%40hckrnews/ppt2pdf)

### Excel to PDF

1. xls to pdf

Paid solution: [https://blog.groupdocs.cloud/conversion/convert-excel-sheets-to-](https://blog.groupdocs.cloud/conversion/convert-excel-sheets-to-pdf-in-node-js/) 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 | https://shorturl.at/x  rm5z | Works Fine |
| Image to PDF | image-to-pdf | https://shorturl.at/n  nMtO | Test in process |
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