# 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

2) 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>

**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/

2) 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/xrm5z | Works Fine |
| Image to PDF | image-to-pdf | https://shorturl.at/nnMtO | Test in process |
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