

Tables

Official documentation is in progress, this document is just a glimpse of what is possible with pdfmake and its layout engine.

A simple table (no headers, no width specified, no spans, no styling)

The following table has nothing more than a body array

Column 1	Column 2	Column 3
One value goes here	Another one here	OK?

A simple table with nested elements

It is of course possible to nest any other type of nodes available in pdfmake inside table cells

Column 1	Column 2	Column 3									
Let's try an unordered list <ul style="list-style-type: none">item 1item 2	or a nested table <table><tr><td>Col1</td><td>Col2</td><td>Col3</td></tr><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>1</td><td>2</td><td>3</td></tr></table>	Col1	Col2	Col3	1	2	3	1	2	3	Inlines can be <i>styled</i> easily as everywhere else
Col1	Col2	Col3									
1	2	3									
1	2	3									

Defining column widths

Tables support the same width definitions as standard columns:

- **auto**
- **star**
- **fixed value**

width=100	star-sized	width=200	star-sized
fixed-width cells have exactly the specified width	<i>nothing interesting here</i>	<i>nothing interesting here</i>	<i>nothing interesting here</i>

This is a star-sized column. The next column over, an auto-sized column, will wrap to accomodate all the text in this cell.	I am auto sized.
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This is a star-sized column. The next column over, an auto-sized column, will not wrap to accomodate all the text in this cell, because it has been given the noWrap style.	I am auto sized.
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Defining row heights

row 1 with height 20	column B
row 2 with height 50	column B

row 3 with height 70	column B
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With same height:

row 1	column B
row 2	column B
row 3	column B

With height from function:

row 1	column B
row 2	column B
row 3	column B

Column/row spans

Each cell-element can set a `rowSpan` or `colSpan`

Header with Colspan = 2		Header 3
Header 1	Header 2	Header 3
Sample value 1	Sample value 2	Sample value 3
rowSpan set to 3 Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor	Sample value 2	Sample value 3
	Sample value 2	Sample value 3
	Sample value 2	Sample value 3
Sample value 1	Both: rowSpan and colSpan can be defined at the same time	
Sample value 1		

Styling tables

You can provide a custom styler for the table. Currently it supports:

- line widths
- line colors
- cell paddings

with more options coming soon...

pdfmake currently has a few predefined styles (see them on the next page)

noBorders:

Header 1	Header 2	Header 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3

headerLineOnly:

Header 1	Header 2	Header 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3

lightHorizontalLines:

Header 1	Header 2	Header 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3

but you can provide a custom styler as well

Header 1	Header 2	Header 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3

zebra style

Sample value 1	Sample value 2	Sample value 3
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Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3
Sample value 1	Sample value 2	Sample value 3

Optional border

Each cell contains an optional border property: an array of 4 booleans for left border, top border, right border, bottom border.

border: [false, true, false, false]	border: [false, false, false, false]	border: [true, true, true, true]
rowSpan: 3 border: [true, true, true, true]	border: undefined	border: [true, false, false, false]
	colSpan: 2 border: [true, true, true, true]	
	border: undefined	border: [false, false, true, true]

And some other examples with rowspan/colspan...

	column 1	column 2	column 3
row 1	rowSpan: 3 colSpan: 3 border: [true, true, true, true]		
row 2			
row 3			

colSpan: 3 border: [false, false, false, false]		
border: undefined	border: undefined	border: undefined

rowSpan: 3 border: [false, false, false, false]	border: undefined	border: undefined
	border: undefined	border: undefined
	border: undefined	border: undefined