



DEMO Job sheet

Ref: 1234/
20260111

Call Details

Name: Address: Contact Tel:	Customer:		Site:	
	John Doe		Banana headquarters	
	31 Spooner Street Quahog Cranston Rhode Island		1407 Greymalkin Lane Salem Center New York ABC 123	
	0898 221333		9262 458787	
Notes:	Additional notes go here			
C.order No.	12345	Machine:	SAMPLE	
Engineer:		Meter:	3216549	

Faults

			Status:
Description:			
Notes:			
Description:			
Notes:			
Description:			
Notes:			
Description:			
Notes:			

Parts

Qty:	Part No.	Description:
1	1234567	SAMPLE
1	1234567	SAMPLE
1	1234567	SAMPLE
1	1234567	SAMPLE

Labour

Engineer:	Start	Finish	Total:
G.Total:			0h : 0m

Travel

Depart:	Arrive:	Miles:	Time:
Totals:			

About

The demo form has been constructed using the built in `pretty_html` feature which aids in the construction of html using a built in class that automatically handles the opening and closing of html elements.

It can be compiled using the `make` in this folder. When run it will automatically generate this page in html and the pdf of the same name in this folder.

Margins

Margins are set in 3 different places and each can conflict. The margin on this page is set in the stylesheet(in this instance `/usr/share/wkgtkprinter/a4-portrait-pdf.css`). It can be changed by setting the variable "**--page-margin:**" towards the top of the stylesheet. When the stylesheet is referenced you will see a red box indicating the margin to aid in designing the form (this box does not appear in the PDF).

Page margins can also be set in the page configuration file `"/usr/share/wkgtkprinter/a4-portrait-pdf.page"`. They default to 0 as margins are handled in the CSS.

Some applications also set their own page margins when printing. During testing these have been accumulative so if you set a 6mm margin in the CSS and the application's print dialog has a 4mm margin the resultant page will have a 10mm margin.

Style Sheets

Each document should use a base stylesheet that is directly linked. Any custom base stylesheets should be stored in `"/usr/share/wkgtkprinter"` and should be linked using the absolute path. The base style sheet provides you with a template to develop your document.

For pdf development it is better to embed styles rather than have separate css files however `wkgtkprinter++` `pretty_html` can handle this internally if you read an external stylesheet into a `<style>` element. If you are going to link them then it is recommended that you place them in a location accessible by `wkgtkprinter` such as `"/usr/share/wkgtkprinter/"`.

Pages

New pages are created by utilising the **page** and **subpage** classes.

```
<div class="page">
  <div class="subpage">
    page content....
  </div>
</div>
```

Images

For the purposes of generating PDF's images are embedded within the HTML. They are base64 encoded which does make them a little larger, but the design decision was taken to prefer reliability over file size.

`wkgtkprinter++` has a built in class for encoding images called `encode_image` (see example).