The email address should be a clickable mailto link built by creating a plugin within the cell. And Robin's job title should be on a separate line to his name. In the third row, we use the newer and easier table cell properties "href" and "destination".

Name	Email
Robin Becker (chief propellerhead)	mailto:robin@reportlab.com
Internal link to back page	Hyperlink to www.reportlab.com

This should be a 5x5 table where some ranges span. Note that the grid and background commands still work on the "underlying" grid; if you grid the whole table, it will show through your 'spanned cells'

This should span the first 3 cells in the top row. It's ordinary left aligned text but could be centred if you want.			D	This should span all five cells in the right column. We vertically centred the text to make it look sensible using a separate stylesheet command.
A	B	C	DB	
A	B	C	DB	
A	B	C	DB	
A	B	C	DB	some more text

This should be a 5x5 table where some ranges span. The column widths have been set as 3cm,10%,10%,10%,30%. The percentage refers to unallocated width only.

This should span the first 3 cells in the top row. It's ordinary left aligned text but could be centred if you want.			D	This should span all five cells in the right column. We vertically centred the text to make it look sensible using a separate stylesheet command.
A	B	C	DB	
A	B	C	DB	
A	B	C	DB	some more text
A	B	C	DB	

This shows some pointers on doing financial tables. It demonstrates the decimal alignment and multiple lines. We also used a local <td color="red"> attribute for the negative cell; ideally one wants to make the data drive the colour, so that generator apps don't need to make para tags in every cell if they want red negatives. If we move to dynamic RML, then a number-and-cell-formatting function is possible, but static RML sees everything as text. Note that when the value does not contain the decimal character but there are non-digit characters at the end, it tries to align the rightmost digits with other rows.

Corporate Assets	Amount
Fixed Assets	1,234,567.89
Legal Offense Fund	86,000,000
Company Vehicle	1,234.8901
Petty Cash	42
Intellectual Property	Questionable
Bank Overdraft	(13,029)
Goodwill	(742,078,231.56)
Flat Screen TV	27 inches
Net Position	**Doomed. Really!**

Individual <td> tags that contain pure strings can override the following attributes: `fontName, fontSize, fontColor, leading, leftPadding, rightPadding, topPadding, bottomPadding, background, align, vAlign, lineBelowThickness, lineBelowColor, lineBelowCap, lineBelowCount, lineBelowSpace, lineAboveThickness, lineAboveColor, lineAboveCap, lineAboveCount, lineAboveSpace, lineLeftThickness, lineLeftColor, lineLeftCap, lineLeftCount, lineLeftSpace, lineRightThickness, lineRightColor, lineRightCap, lineRightCount, lineRightSpace` .

fontName	`Courier`
fontName	Helvetica
fontSize	*8*
fontSize	*14*
fontColor	*red*
fontColor	*blue*
leading	*leading is 16*
leading	*leading is 12*
leftPadding	10
leftPadding	16
rightPadding	10
rightPadding	24
topPadding	10
topPadding	24
bottomPadding	10
bottomPadding	24
background	*pink*
background	*lightblue*
align	left
align	center
align	right
- vAlign -	top
- vAlign -	middle

- vAlign -	bottom
lineBelow	right

This table is using **<xpre>** tags around the contents of the right hand column.

fontName	Courier
fontName	Helvetica
fontSize	8
fontSize	14
fontColor	red
fontColor	blue
leading	leading is 16
leading	leading is 12
leftPadding	10
leftPadding	16
rightPadding	10
rightPadding	24
topPadding	10
topPadding	24
bottomPadding	10
bottomPadding	24
background	pink
background	lightblue
align	left
align	center
align	right
- *vAlign* -	top
- *vAlign* -	middle
- *vAlign* -	bottom

Bulk Data Support

Very often one wants to get quite a lot of text or numeric data into a table - for example from a database query or imported data file. Quoting all of this correctly as XML and wrapping in in td and tr tags is time and memory consumuing, unquoting and parsing it all back even more so. Therefore, instead of explicitly creating row and cell tags, you can now use a new **bulkData** tag. This lets you specify a delimiter for fields (default is comma) and for records (default is newline), and rml2pdf will break this up.

If you want to avoid having to quote ampersands, wrap this in a CDATA escape sequence.

Of course if you want per-cell formatting or to put arbitrary flowables in a cell, you must use the other tags.

Product	Profit
Sprockets	26
Widgets	34
Thingummies	217
Bits & Bobs	23
Total	**277**

You can specify a tab with **fieldDelim="\t"**, but we generally advise against using any whitespace character as a delimiter if you have a choice. You can also specify fine-grained "stripping" control; the default behaviour is to strip whitespace off the top and bottom of the overall data block, so blank lines are excluded, and off the ends of each row so line endings and indentation don't matter, but not off each cell. Note that the strings in the cells may contain spaces and these spaces will be respected in formatting. You are also advised to use a CDATA escape sequence around your data so that "&","<" and ">", characters don't need special handling.

Excel Bulk Data Support

The **excelData** tag is very similar to the bulk data support, but reads the bulk data from an Excel file instead of from delimited textual data. The **range** attribute is optional.

Sorry Ecel Bulk Support is not yet here

Colour cycles by rows and columns

It's sometimes nice to alternate colours by row (e.g. a pale color then white) to visually break up a long table. The style lets you specify **cycles** as well as single colours. Here we have created a style command which cycles through pale green and white, like old stacks of fanfold paper...

Date	Item	Debit	Credit
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-

28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Bottom row should be greem	110	-

Try again by column, with three colors this time. Also ensure some row heights vary to check accuracy of drawing.

Date	Item	Debit	Credit
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients plus magnum of champagne	400	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-

And now by column (although this may be used less...)

Date	Item	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Expenses	Entertainment	100	100	100	100	100	100	100	100	100	100	100	100	1200
Expenses	Entertainment	100	100	100	100	100	100	100	100	100	100	100	100	1200
Expenses	Entertainment	100	100	100	100	100	100	100	100	100	100	100	100	1200
Expenses	Entertainment	100	100	100	100	100	100	100	100	100	100	100	100	1200
Expenses	Entertainment	100	100	100	100	100	100	100	100	100	100	100	100	1200

Splitting over pages - top and bottom rows

Sometimes a table splits over a page and you don't have a grid, so the bottom part (and top of the new page) have no line boxing them in. The splitfirst and splilast magic coordinates can be used to insert a line drawing routine into the style for this. I used an ugly thick purple line!

Date	Item	Debit	Credit
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-

Date	Item	Debit	Credit
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-
28-09-2004	Expensive lunch with clients	100	-