

RML Example 12: Forms



RML (Report Markup Language) is ReportLab's own language for specifying the appearance of a printed page, which is converted into PDF by the utility rml2pdf.

These RML samples showcase techniques and features for generating various types of output and are distributed within our commercial package as test cases. Each should be self explanatory and stand alone.

Some decent checkboxes and letterboxes

Checkboxes width default behaviour, checked and unchecked.



Checkboxes width custom size, checked and unchecked.



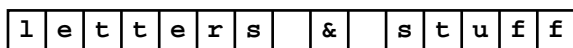
Checkboxes with user-provided bitmap files. The 'graphicOn' and 'graphicOff' attributes must refer to existing image files (we may extend this to vector ones in future). One hopes professional users have better icon-design skills than me :-)



Checkboxes with varying amount of label text.



Various Letterboxes.

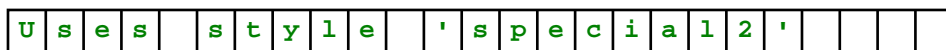


The next two test whether style inheritance works for formStyles

I should be green



I should be red with transparent background



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Fancy comb marks..

This has fancy combs on

U	s	e	s		c	o	m	b		H	e	i	g	h	t

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Spaces between boxes: regular using boxGap, and variable spacing with boxExtraGaps. These are used to overlay forms designed by others. Common cases include day/month/year, currency boxes with a space for the decimal point (nnn.pp), or boxes for national insurance numbers which like to break things up e.g. AA-11-11-11-B. boxGap adds extra horizontal space between every box. boxExtraGaps takes a string containing multiple, comma-separated structures such as 3:5 to add 5 points after box 3, or 2:5,4:5,6:4 to add 5 points after boxes 2 and 4 and 4 points after box 6.

custom spacing for a date field

2	3	0	8	2	0	0	7
---	---	---	---	---	---	---	---

custom spacing for currency fields

1	2	3	4	9	9
---	---	---	---	---	---

	4	5	6	7	5
--	---	---	---	---	---

custom spacing for UK N.I. numbers

A	B	1	2	3	4	5	6	A
---	---	---	---	---	---	---	---	---

quick check that non-gap ones draw OK too; create extra lines if needed.

A	B	1	2	3	4	5	6	A
---	---	---	---	---	---	---	---	---

Label in big purple italic font

v	e	r	y	L	o	n	g	l	e	t	t	e	r	B
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Various Textboxes.

some label

a textBox

now a squeezed textBox

some label
a textBox

some label

a textBox

now a squeezed textBox

some label
a textBox

Multi-line **Textboxes**. Note that, so far, squeezing is only done horizontally.

some label

some multi-line
textBox

now some multi-multi-line
textBox

some even longer
multi-multi-line
textBox

some multi-line textBox with special characters:
&, >, <

vAlign Top

vAlign Middle

vAlign Bottom

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`borderSpec="under"`

`borderSpec="over"`

`borderSpec="left"`

`borderSpec="right"`

`Prince Harry!`