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.

The `keepWithNext` attribute for the `paraStyle` tag tells the paragraph, whether it should always be kept together with the next paragraph or not. This can be useful for keeping headings together with the following paragraph. The default value is 0.

The code looks as follows:

```xml
<paraStyle name="keepApart" keepWithNext="0" />
<paraStyle name="keepTogether" keepWithNext="1"/>
```

An example with `keepWithNext="0"`. There is a spacer underneath.

This is paragraph 1 with the `keepWithNext="0"` attribute.

This is paragraph 2.
An example with `keepWithNext="1"`. There is a spacer underneath

This is paragraph 1, whose style has the `keepWithNext="1"` attribute.
This is paragraph 2.

```
condPageBreak
```

The `<condPageBreak/>` tag will move to the next page if there is not enough space on the page. The length required to stay on the same page is given by the attribute `height` which takes a length in the allowed measurements.
Irumodic Syndrome blah Romulan ale blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah blah shuttle bay 2 blah blah blah. Blah blah blah blah distress signal blah spacedock blah blood wine. Blah emergency transponder blah Starfleet blah blah blah blah blah blah blah blah turbolift. Blah blah Benzite blah Bajoran blah "Borg Invasion imminent!" blah blah blah blah battlecruiser blah blah blah blah Dr. Pulaski Pacifica blahblah blah Starfleet Academy blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "Borg Inva-
sion imminent!" blah blah blah blah blood wine. Blah emergency transponder blah Starfleet blah blah blah blah blah blah blah blah shut
tle bay 2 blah blah blah. Blah blah blah blah blah blah blood wine. Blah emergency transponder blah Starfleet blah blah blah blah blah blah blah blah starship stuff blah blah blah blah Dr. Pulaski Pacifica blahblah blah... Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blah blah blah blah blah "Intruder alert!" Romulan blah blah blah blah blah blah blah "All hands abandon ship! This is not a drill!" blah blah blah Galaxy class vessel blah blah blah blah blah. Blah turbolift blah scout ship cruiser blah quantum flux blah blah blah blahblah blah...
This is at the bottom of the page since there are more than 3in remaining.
The `frameBreakBefore` and `pageBreakBefore` attributes are both attributes of the `<paraStyle>` tag.

- The `frameBreakBefore` attribute causes the new paragraph to go into the next frame, even if there is still space in the current frame. The default value is 0.
- The `pageBreakBefore` attribute causes the new paragraph to go into the next page, even if there is still space in the current frame, or if there are other frames remaining on the page. The default value is 0.

This is an example of `frameBreakBefore`. The next paragraph will be in a new frame.

This paragraph is in a new frame, since its style has the attribute `frameBreakBefore="1"`.
This is an example of pageBreakBefore. The next paragraph will be on a new page.
This paragraph is on a new page. It missed out the frame in the lower right corner of the last page, since its style has `pageBreakBefore="1"`
| allowWidows | The `allowWidows` attribute, for the `<paraStyle>` tag, allows the paragraph to have a widow, a line of text, separated from the rest of the paragraph, at the end. The default value for `allowWidows` is 1. |

This is an example of `allowWidows="1"`:

Blah blah blah blah SQL blah blah blah blah pizza blah blah blah blah TeX blah blah blah blah blah blah. Blah Intercal blah blah blah blah blah blah TeX OS/2 TFT display blah Linux blah blah blah crash! blah blah Sun Microsystems blah Logo blah blah. Blah blah blah blah blah blah blah blah VB Tcl/Tk Fortran blah blah blah awk blah blah blah. Blah blah blah blah blah blah blah blah blah PGP TCP/IP blah blah blah. Blah cgl Modula-3 SQL blah blah blah Delphi blah LISP blah BETA mailing lists blah. Blah blah blah blah pepperoni pizza blah blah blah blah blah blah blah blah blah blah blah blah blah blah BEER! blah blah. Blah blah beer blah blah Open GL monitor blah blah blah blah. Blah blah blah blah blah blah blah blah "illiterate programming" blah blah C: drive. Blah... blah blah. This example has a widow (the line above).
This is an example of `allowWidows="0"`:

Blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL blah blah blah SQL.

This example does not have a widow, since another line has been brought with it.

The `allowOrphans` attribute allows the paragraph to have an orphan, a line of text, left in the original frame, separated from the rest of the paragraph. The default value is for this attribute is 0.
This is an example of allowOrphans="0"

This is an example of allowOrphans="1"
endDots

The endDots attribute fills in the rest of the last line of the paragraph with the characters given for the attribute.

This paragraph should have dots following it until the end of the line. ..............................................................................................................................

This paragraph should have the characters "123" following it until the end of the line. 123123123123123123123123123123