

Welcome to the text report generation capabilities of LabVIEW. This powerful feature allows your LabVIEW applications to print text that flows off multiple pages without worrying about pagination, line breaks, headers, and footers. It can create two types of reports. The first is the type that shipped with LabVIEW 5.1. It uses activeX calls to NI-Reports so it is only available on Windows platforms. The second type creates an HTML document.

The NI-reports type of report has the complexity of ActiveX programming conveniently wrapped in easy-to-use VIs. From within the LabVIEW development environment, the ActiveX server is completely hidden. It easily allows a very complex report to be generated and sent to a printer.

The HTML type of report has the capability to generate an HTML document. This will be easy to print through an external browser and even easier to post to a web site.

This document demonstrates some of the features of the Report Generation VIs. Look to the diagram of the VI that generates this document ("Text Report Example.vi") for an example of how to programmatically create reports using these VIs. (Note: the newline and tab tags have different behaviours with different report types.)

	Column 1	Column 2	Column 3	Column 4
28.04.2006, 18:29	54,23 units	12,83 units	44,22 units	15,06 units
29.04.2006, 18:26	47,00 units	61,50 units	42,20 units	46,32 units
30.04.2006, 18:22	46,20 units	75,18 units	76,01 units	25,20 units
01.05.2006, 18:18	80,68 units	73,61 units	83,47 units	71,03 units
02.05.2006, 18:14	21,00 units	65,12 units	21,43 units	92,48 units
03.05.2006, 18:10	78,86 units	72,26 units	41,11 units	78,73 units
04.05.2006, 18:06	78,60 units	30,42 units	69,68 units	72,06 units
05.05.2006, 18:03	00,27 units	10,62 units	84,71 units	77,62 units
06.05.2006, 17:59	26,10 units	39,60 units	19,32 units	24,17 units
07.05.2006, 17:55	79,85 units	16,85 units	44,12 units	64,50 units
08.05.2006, 17:51	77,92 units	89,10 units	19,69 units	14,37 units
09.05.2006, 17:47	29,22 units	07,86 units	48,07 units	82,48 units
10.05.2006, 17:43	27,68 units	14,76 units	76,34 units	77,25 units
11.05.2006, 17:40	36,78 units	90,07 units	64,86 units	82,83 units
12.05.2006, 17:36	06,86 units	83,07 units	55,42 units	73,79 units
13.05.2006, 17:32	10,30 units	48,06 units	65,55 units	87,72 units
14.05.2006, 17:28	94,37 units	48,16 units	09,33 units	39,82 units
15.05.2006, 17:24	82,23 units	18,89 units	78,67 units	21,40 units
16.05.2006, 17:20	27,97 units	29,15 units	48,22 units	08,73 units
17.05.2006, 17:17	07,92 units	86,16 units	87,83 units	31,40 units

Notice how you can change fonts "on the fly." This text is 'Courier New', if that font is available on your system. It is also in red for HTML type of reports. The following is a list of possible text modifiers.

1. Bold
2. Italic
3. Underline
4. Strikeout

As you can see, you can build a very professional report from a few simple VIs, and then print it out or post it to the web.

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	Column 1	Column 2	Column 3	Column 4
28.04.2006, 18:30	33,73 units	21,46 units	89,16 units	99,37 units
29.04.2006, 18:26	27,24 units	07,90 units	45,78 units	97,61 units
30.04.2006, 18:22	72,89 units	67,35 units	93,23 units	45,91 units
01.05.2006, 18:19	56,30 units	57,13 units	52,09 units	26,75 units
02.05.2006, 18:15	73,29 units	06,23 units	23,09 units	59,95 units
03.05.2006, 18:11	87,36 units	73,61 units	66,04 units	02,20 units
04.05.2006, 18:07	08,52 units	05,63 units	45,81 units	59,42 units
05.05.2006, 18:03	38,99 units	52,17 units	13,19 units	10,04 units
06.05.2006, 17:59	97,71 units	76,10 units	85,15 units	44,56 units
07.05.2006, 17:56	47,25 units	74,20 units	10,39 units	66,66 units
08.05.2006, 17:52	26,79 units	17,83 units	76,00 units	23,79 units
09.05.2006, 17:48	91,19 units	49,53 units	77,52 units	11,57 units
10.05.2006, 17:44	75,19 units	42,57 units	19,87 units	69,36 units
11.05.2006, 17:40	78,87 units	46,66 units	24,31 units	02,11 units
12.05.2006, 17:36	91,19 units	77,32 units	13,23 units	35,14 units
13.05.2006, 17:33	39,41 units	46,42 units	26,57 units	52,77 units
14.05.2006, 17:29	10,28 units	51,57 units	32,96 units	26,56 units
15.05.2006, 17:25	32,85 units	62,24 units	39,93 units	81,36 units
16.05.2006, 17:21	00,34 units	82,62 units	00,16 units	28,25 units
17.05.2006, 17:17	31,29 units	28,19 units	35,38 units	05,77 units

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	Column 1	Column 2	Column 3	Column 4
28.04.2006, 18:31	27,37 units	29,20 units	53,64 units	00,54 units
29.04.2006, 18:27	92,83 units	54,23 units	98,16 units	39,92 units
30.04.2006, 18:23	83,53 units	91,91 units	51,06 units	70,02 units
01.05.2006, 18:19	12,36 units	63,74 units	64,22 units	02,68 units
02.05.2006, 18:15	29,01 units	33,58 units	75,52 units	81,59 units
03.05.2006, 18:12	79,01 units	44,26 units	96,11 units	91,97 units
04.05.2006, 18:08	10,09 units	07,16 units	98,72 units	79,19 units
05.05.2006, 18:04	55,08 units	82,47 units	40,53 units	43,30 units
06.05.2006, 18:00	48,16 units	90,64 units	46,21 units	48,95 units
07.05.2006, 17:56	95,84 units	11,73 units	54,64 units	09,99 units
08.05.2006, 17:52	49,01 units	91,83 units	24,90 units	76,44 units
09.05.2006, 17:49	69,77 units	10,32 units	76,78 units	30,18 units
10.05.2006, 17:45	89,14 units	01,29 units	94,64 units	51,76 units
11.05.2006, 17:41	19,82 units	16,67 units	16,00 units	65,61 units
12.05.2006, 17:37	78,85 units	97,71 units	97,78 units	53,33 units
13.05.2006, 17:33	55,56 units	89,58 units	92,94 units	39,29 units
14.05.2006, 17:29	90,56 units	83,46 units	84,52 units	13,22 units
15.05.2006, 17:26	37,75 units	31,49 units	63,00 units	73,13 units
16.05.2006, 17:22	43,67 units	05,07 units	57,06 units	88,95 units
17.05.2006, 17:18	13,64 units	36,13 units	55,56 units	31,36 units

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