The Project Gutenberg RST Manual

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The

Project Gutenberg

RST Manual

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Richard and Drucilla Martin

Installing EpubMaker

EpubMaker is Project Gutenberg's file converter. It can convert from PG-RST to HTML, EPUB, PDF and plain text.

Windows

Prerequisites

1. Install Python.

   Assuming you don't have python yet. If you have either version 2.6 or 2.7 already installed, skip this.

   From http://www.python.org/download/releases/2.7/ download the `Windows x86 MSI Installer (2.7)` and run it.

   Select all the default options and install.

2. Install Python Setuptools.

   From http://pypi.python.org/pypi/setuptools download `setuptools-0.6c11.win32-py2.7.exe` (or any newer version) and run it.

   If you are using python 2.6 get the setuptools for 2.6.

3. Install Groff. (You can skip this step if you don't want to generate plain text files.)

   From http://gnuwin32.sourceforge.net/packages/groff.htm download *Complete package, except sources - Setup* (`groff-1.20.1-setup.exe`) and run it.

   Select all the default options and install.

4. Install TexLive. (You can skip this step if you don't want to generate PDF files.)

   Go to http://mirror.ctan.org/systems/texlive/tlnet and download the file `install-tl.zip`. Then say:

   ```
   > unzip install-tl.zip
   > cd install-tl*
   > install-tl
   ```

   This will open the TeX Live installation wizard. Follow the instructions. When in doubt use the defaults.

   This will take quite a while. (3 hours on an old Dell Vostro 1000 laptop. It installs about 2.5 GB in 93,000 files.) If you experience download problems, restart the wizard: it will resume the download where it left off.

   Long installation instructions can be found at http://www.tug.org/texlive/doc/texlive-en/texlive-en.html#x1-150003

5. Install HTML Tidy. (You can skip this step if you only want to process RST files and don't want to build EPUBs from HTML input.)

   If you are a post-processor you already have this.

   http://tidy.sourceforge.net/

6. Update your PATH.

   Start | Control Panel | System | Advanced | Environment Variables. Click "Path" in the User variables at the top. Click "Edit"

   If the field is empty just enter (all in one line):

   ```
   C:\Python27;
   C:\Python27\Scripts;
   C:\Program Files\GnuWin32\bin;
   ```

   If the field contains data, go to the end of that data and add a semicolon if there isn't one already and then add the string above.

   Click Ok three times.

EpubMaker

1. At the command prompt run:

   ```
   > easy_install epubmaker
   ```

2. Test your installation:

   ```
   > epubmaker --help
   > epubmaker http://www.gutenberg.org/masters/rst/181/181.rst
   ```

Debian

Prerequisites

(Does not work with python 3 yet. If your distribution uses python 3 as default (not likely!), you'll have to parallel install python 2.6 or 2.7.)

```
# apt-get install python python-setuptools python-lxml
# apt-get install groff tidy
# apt-get install libpng-dev libjpeg-dev libfreetype6-dev
```

Note: To get PDF generation to work, you have to use TeX Live version 2009-11 or newer. You can get those from debian testing or unstable. If don't want to switch from debian stable, you have to install TeX Live manually.

If you are on testing or unstable:

```
# apt-get install texlive texlive-latex-extra texlive-xetex
# apt-get install ttf-linux-libertine ttf-dejavu
```

Else, to install TeX Live manually, go to http://mirror.ctan.org/systems/texlive/tlnet and download the file install-tl-unx.tar.gz. Unpack it. Then:

```
# cd /path/where/unpacked
# perl install-tl -gui
```

Long installation instructions can be found at http://www.tug.org/texlive/doc/texlive-en/texlive-en.html#x1-150003

EpubMaker

```
# easy_install epubmaker
```

Kindlegen

(Optional: Used only to make Kindle files):

```
$ wget http://s3.amazonaws.com/kindlegen/kindlegen_linux_2.6_i386_v1.2.tar
$ tar -xzf kindlegen_linux_2.6_i386_v1.2.tar.gz
```

PG-RST Classes

A list of classes you can use in PG-RST.

Classes For Inline Text

These classes have an effect on inline text. If you put them on a block, all inline contents of the block will be rendered accordingly.

Classes For Inline Text I

Class	Explanation
`italics`	Switch to italic font.
`bold`	Switch to boldface.
`small-caps`	Switch to small capitals.
`gesperrt`	Switch to gesperrt (extended letter spacing).
`antiqua`	Switch to antiqua.
`monospaced`	Switch to monospaced font.

Classes For Block Text

These classes have an effect on block text. Please do not confuse the alignment of the block with the alignment of the text in the block. Eg. a table can be centered, while the text inside the table is left-aligned. The alignment of the block is set with the `align` option.

Classes For Inline Text II

Class	Explanation
smaller	Switch to smaller font.
larger	Switch to larger font.
xx-small	Switch to smallest font.
x-small	Switch to very small font.
small	Switch to small font.
medium	Switch to normal font size.
large	Switch to large font.
x-large	Switch to very large font.
xx-large	Switch to largest font.

Classes For Inline Text III

Class	Explanation
red	Switch to red font.
green	Switch to green font.
blue	Switch to blue font.
yellow	Switch to yellow font.
white	Switch to white font.
gray	Switch to gray font.
black	Switch to black font.

Classes For Block Text

Class	Explanation
left	Left-aligns the text in the block.
center	Centers the text in the block.
right	Right-aligns the text in the block.
justify	Justifies the text in the block.
white-space-pre-line	Preserves newlines.

Classes For Front Matter Markup

EpubMaker includes a few classes to markup front matter. While it is not necessary to do this, it adds value. In future the PG catalog might automatically extract not only the cover page but also the title page, verso, etc.

Classes For Front Matter Markup

Class	Explanation
coverpage	The cover page.
frontispiece	The frontispiece.
titlepage	The title page.
verso	The title page verso.
dedication	The dedication page.
plainpage	A general class for page.

Use these classes on a container. These classes already insert page breaks before the container so you need not insert page breaks on your own.

```
.. container:: titlepage

   | Pride and Prejudice
   |
   | Written by Jane Austen.
```

PG-RST Extensions

You can create custom roles based on the existing ones. This is how you create and then use custom roles.

```
.. role:: small-caps
   :class: small-caps
```

```
This text is in :small-caps:`Small Caps`.
```

This text is in Small Caps.

You can attach more than one class to a role:

```
.. role:: big-and-bold
   :class: x-large bold
```

```
This text is :big-and-bold:`big and bold`.
```

This text is **big and bold**.

Styles

You can redefine the rendering of elements:

```
.. style:: emphasis
   :class: gesperrt
```

```
Now *emphasis* will be rendered as gesperrt.
```

Now e m p h a s i s will be rendered as gesperrt.

```
.. style:: strong
   :class: small-caps
```

And **Strong Emphasis** will be rendered as small-caps.

And STRONG EMPHASIS will be rendered as small-caps.

```
.. style:: strong
   :class: small-caps x-large bold
```

And **Strong Emphasis** will be rendered as big bold small-caps.

And **STRONG EMPHASIS** will be rendered as big bold small-caps.

```
.. style:: literal
   :class: red
```

``literally red``

```
.. style:: superscript
   :class: green
```

:superscript:`sup`\ er

```
.. style:: title_reference
   :class: blue
```

:title-reference:`Hamlet` and `Othello`.

literally red
^{sup}er
Hamlet and Othello.

You can semantically markup foreign text:

```
.. role:: french
   :class: language-fr italics
```

:french:`Pas de double` is the French for "father of twins".

Pas de double is the French for "father of twins".

Pagination

Pagination is important if you generate PDFs. See the Directives For Pagination Table.

Directives For Pagination

Directive	Explanation
clearpage	This directive inserts a page break.
cleardoublepage	This directive inserts page breaks so that the next item starts on a right-hand page.
vfill	(PDF only.) This directive generates `elastic´ vertical space. This space expands to all of the free space on one page. If you use this more than once on a page, the free space is equally divided among all invocations. To vertically align an item to the bottom, use vfill before that item. To vertically align an item about 1/3 of the page use vfill once before the item and twice after the item.
frontmatter	(PDF only.) Put this directive at the start of your book. The pgheader directive uses this directive internally, so you can omit frontmatter whenever you use pgheader. This directive turns on roman page numbers.
mainmatter	(PDF only.) Put this directive after the table of contents and before the first chapter. This directive switches from roman page numbering to arabic page numbering and resets the page counter.
backmatter	(PDF only.) Put this directive before appendices or indices.

Table of Contents

Use the RST `contents` directive to automatically generate a table of contents.

N.B. You may also provide a table of contents manually.

In PG-RST the `contents` directive requires you to specify an argument or the `local` option.

The `local` option displays a local table of contents, containing only the subsections of the section in which it is declared.

The `page-numbers` option displays the original page number in the TOC.

```
.. contents:: A TOC With Page Numbers
   :depth: 2
   :page-numbers:
```

A TOC With Page Numbers

List of Figures

Use the `lof` directive to generate a list of figures automatically.

N.B. You may also provide a list of figures manually.

```
.. lof:: A List of Figures
   :page-numbers:
   :backlinks: none
```

A List of Figures

List of Tables

Use the `lot` directive to generate a list of tables.

N.B. You may also provide a list of tables manually.

```
.. lot:: A List of Tables
   :page-numbers:
   :backlinks: none
```

A List of Tables

Toc-Entry

Use the `toc-entry` directive to:

- provide an alternate toc entry

- suppress a toc entry, or

- switch toc gathering on or off.

A `toc-entry` with argument sets the argument as toc entry for the next section, figure or table.

A `toc-entry` without argument suppresses the toc entry for the next section, figure or table.

Use the `depth` option to set the depth up to which section titles are gathered for the toc. A depth of 0 switches toc gathering off.

```
.. toc-entry:: An Alternative Caption
```

Footnotes

Always define footnotes right after the paragraph they are referenced.

To collect the footnotes use the `footnotes` directive. This directive will output a section with title and all footnotes in the document will be moved inside the section.

In PDF and TXT formats the `footnotes` directive will do nothing.[1]

Test[2] [3] .

---

[1] Not even print the section title.

[2] Another footnote, to test how multiple footnotes[4] stack on one page.

[3] Later editions continued as follows:

Positioning of footnotes

Format	Position
HTML	Collected under the footnotes directive.
EPUB	Idem.
TXT	Where they are defined.
PDF	At the bottom of the current page.

```
.. footnotes:: Footnotes
   :class: smaller
```

Page Numbers

The sequence [pg n] will convert into a page number marker of n. n can be any arabic or roman numeral. The sequence itself will be removed from the text flow leaving a page anchor. There *must* be spaces around the sequence. If the page break is in the middle of a word, join the word and put the sequence at the end of the word.

```
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam
nonumy eirmod tempor invidunt [pg 42] ut labore et dolore magna
aliquyam erat, sed diam voluptua. At vero eos et accusam et justo
duo dolores [pg xviii] et ea rebum.
```

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam
42 nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam
erat, sed diam voluptua. At vero eos et accusam et justo duo dolores
xviii et ea rebum.

A reference to a page number can be inserted with the sequence [pg n]_. This will generate a link to the page anchor.

When the sands are all dry, he is gay as a lark,
And will talk in contemptuous tones of the Shark,
But, when the tide rises and sharks are around,
His voice has a timid and tremulous sound.

[4]Gibbon test. A footnote inside a footnote.

```
See page [pg 42]_.
```

 See page 42.

An invisible page number can be inserted with the sequence [pg!n].

```
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam
nonumy eirmod tempor invidunt [pg!43] ut labore et dolore magna
aliquyam erat, sed diam voluptua. At vero eos et accusam et justo
duo dolores et ea rebum. See page [pg 43]_.
```

 Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. See page 43.

See page iii.

Dropcaps

You can insert dropcaps with the dropcap directive. You can use either an enlarged character or an image as dropcap. You can also specify a span of character that should be set in small-caps after the dropcap initial.

Support for dropcaps in output formats

Format	Letter	Image
HTML	enlarged and dropped	resized and dropped
EPUB	enlarged on baseline	resized on baseline
TXT	normal size	alt text
PDF	enlarged and dropped[5]	resized and dropped[5]

The first argument (mandatory) states the character(s) to replace with caps. It must match the beginning of the next paragraph.

The second (optional) argument states the characters to replace with small-caps. It must also match the beginning of the next paragraph.

---

[5] *Warning:* If a paragraph with a dropcap gets page-broken the dropcap may stick into the page bottom. Avoid dropcaps unless you are sure that you are at the top of a page, like at a chapter start.

```
.. clearpage::

.. dropcap:: L Lorem ipsum
   :lines: 4
   :indents: -1.25em 0.5em
```

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam
nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam
erat, sed diam voluptua. At vero eos et accusam et justo duo
dolores et ea rebum. Stet clita kasd gubergren, no sea takimata
sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet,
consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt
ut labore et dolore magna aliquyam erat, sed diam voluptua.

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

The `lines` option (PDF only) specifies how many lines the dropcap should span. Default is 2.

The `indents` option (PDF only) can specifiy up to 2 length values. The first one is the indent of the first line, the second one the indent of the following lines. The indent is calculated from the right border of the dropcap letter. Defaults are 0em and 0.5em.

The `image` option specifies the image url. In plain text and EPUB the image will not be used.

```
.. clearpage::

.. dropcap:: G
   :image: images/G.png
   :lines: 4
```

Gorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

orem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam no-
numy eirmod tempor invidunt ut labore et dolore magna aliquyam
erat, sed diam voluptua. At vero eos et accusam et justo duo dolores
et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est
Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur
sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore
et dolore magna aliquyam erat, sed diam voluptua.

Tables

Be careful with tables because the table support of many ereaders is weak or nil.
Tables also support these options:

`width` Makes the table that wide.

`widths` A space-separated list of unitless values, each specifying the relative
width of one table column.

If you don't use the option `widths`, the column widths are calculated from
the layout of the table in your source file.

`aligns` Horizontally align the columns.

A space-separated list of alignments, each specifying the alignment of one
column.

Valid alignments values are: left, center, right and justify.

`vertical-aligns` Vertically align the columns.

A space-separated list of vertical alignments, each specifying the alignment
of one column.

Valid alignments values are: top, middle, and bottom.

Note: vertical alignment is fully supported in HTML only. Other formats
may support it in varying degrees.

`summary` **(HTML only.)** Puts a summary attribute on the table element.

These are the extra classes supported by PG-RST:

norules Omits the rules between table rows. (Not the rule between header and body nor the rules at the top and bottom of the table.)

Use this class when the eye can follow the table rows without the aid of rules.

```
.. table:: Demo Table
   :width: 100%
   :align: center
   :widths: 3 1 1 1
   :aligns: justify justify center right
   :vertical-aligns: top middle bottom top
   :summary: This table contains valuable data.


   +------------------------+-----------+----------+-----------+
   | Header row, column 1   | Justified | Centered | Price ($) |
   | (header rows optional) |           |          |           |
   +========================+===========+==========+===========+
   | row 1                  | column    | column   |      1.23 |
   +------------------------+-----------+----------+-----------+
   | row 2                  | col col   |   col    |     45.67 |
   |                        | col col   |          |           |
   |                        | col col   |          |           |
   |                        | col       |          |           |
   +------------------------+-----------+----------+-----------+
   | row 3                  | Cells may span columns.          |
   |                        | Lorem ipsum dolor sit amet,      |
   |                        | consetetur sadipscing elitr, sed |
   |                        | nonumy eirmod tempor invidunt ut |
   |                        | labore et dolore magna aliquyam  |
   |                        | sed diam voluptua. At vero eos   |
   |                        | accusam et justo duo dolores et  |
   |                        | rebum.                           |
   +------------------------+-----------+----------+-----------+
   | Cells may span rows and            | Cells   | row 4     |
   | columns. Lorem ipsum dolor sit     | may span +-----------+
   | amet, consetetur adipiscing.       | rows.   | row 5     |
   +------------------------------------+----------+-----------+
```

Demo Table

Header row, column 1 (header rows optional)	Justified	Centered	Price ($)
row 1	column	column	1.23
row 2	col col col col col col col	col	45.67
row 3	Cells may span columns. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam sed diam voluptua. At vero eos accusam et justo duo dolores et rebum.		
Cells may span rows and columns. Lorem ipsum dolor sit amet, consetetur adipiscing.	Cells may span rows.		row 4
			row 5

```
.. table:: Truth table for "and"
   :class: norules
   :align: center
   :width: 50%

   ===== ===== =========
     A     B    A and B
   ===== ===== =========
   False False False
   True  False False
   False True  False
   True  True  True
   ===== ===== =========
```

Truth table for "and"

A	B	A and B
False	False	False
True	False	False
False	True	False
True	True	True

PG Metadata

Top Boilerplate

This section explains the PG boilerplate that you must put at the top of your PG-RST file.

It looks like this:

```
.. -*- encoding: utf-8 -*-      (1)

.. meta::                       (2)
   :PG.Id: 181
   :PG.Title: Very Short Title
   :PG.Released: 2010-11-25
   :PG.Rights: Public Domain
   :PG.Producer: Woody Guthrie
   :PG.Producer: Pete Seeger
   :PG.Producer: The Almanac Singers
  :PG.Credits: This file was produced from images stolen from the Louvre.
   :DC.Creator: Jane Austen
   :MARCREL.edt: Mark Twain
   :MARCREL.ill: Édouard Manet
   :DC.Title: Full Title Statement
   :DC.Language: en
   :DC.Language: fr
   :DC.Language: de
   :DC.Created: 1900
   :coverpage: images/cover.jpg
```

```
===========
Short Title                      (3)
===========

.. pgheader::                    (4)
```

(1) Insert this line verbatim. It must be the first line in the text.[6] This tells the converter to use UTF-8 encoding and is also recognized by many editors.

(2) The metadata directive: see section below.

(3) This will be the first line of the generated files. It should say: "The Project Gutenberg Ebook of Title" or just "Title". Use '=' above and below the title.

(4) This directive inserts the PG header as generated from the metadata.

Metadata Directive

The metadata directive contains all data that is used to generate the PG header and the PG catalog entry.

The scheme is the part before the dot.

PG Scheme

The PG scheme holds data that is relevant to Project Gutenberg only.

DC Scheme

This scheme holds standard Dublincore stuff and is used by many search engines and the PG cataloguing software.

MARCREL Scheme

This is used to record contributors to the text. All these fields may appear more than once. Don't put more than one name into one field. Repeat the field if necessary.

Fields In the PG Scheme

Name	Contents
PG.Id	The ebook number.
PG.Released	The PG release date in YYYY-MM-DD format.
PG.Rights	Either 'Public Domain' or 'Copyrighted'.
PG.Title	A much shortened form of the title. Used in the PG boilerplate in the lines that say: "Start of this PG ebook ..." and "End of this PG ebook ...".
PG.Producer	A personal name or organization that helped produce this text. This field may appear more than once. Don't put more than one name into one field. Repeat the field if necessary.
PG.Credits	A line acknowledging the source of the images or other stuff.

Fields In the DC Scheme

Name	Contents
DC.Creator	Author. A personal name or organization that created the text. May appear more than once. Don't put more than one name into one field. Repeat the field if necessary.
DC.Title	The full title statement as found on the book's title page.
DC.Language	The 2 or 3 letter code for all languages used for substantial portions of the text. May appear more than once. Don't put more than one code into one field. Repeat the field if necessary. The languages listed here are indicative for the catalog and do not set the text language and hyphenation rules. Use the option `class` language-<language-code> for that.
DC.Created	The year of original publication if known.

Fields In the MARCREL Scheme

Name	Contents
MARCREL.edt	Editor
MARCREL.ill	Illustrator
MARCREL.trl	Translator
MARCREL.*	See the full list of MARC relator codes.

Fields Without Scheme

Name	Contents
coverpage	A coverpage for those formats (eg. Kindle) that support a cover page. This image must be included in the upload but must not necessarily be put in the text flow.

No Scheme

Some fields are associated with none of the above schemes.

Bottom Boilerplate

You must put this at the very bottom of your PG-RST file.

```
.. pgfooter::     (1)
```

(1) This directive inserts the PG footer and license.

---

[6]A unicode BOM is allowed before this. In fact most Windows editors will add a BOM without asking you.

PG-RST Best Practices

Images

Specify a `width` option in images and a `figwidth` option in figures and express it in percent.

If you don't specify a width, the converter will calculate the width percentile for you, using the formula:

```
image_width / (980px * 0.8) * 100
```

(980px is the approx. wide of a browser window with scrollbar on a 1024px wide screen, 0.8 are 10% margins left and right.)

Expressing the image size relative to the screen width is the best way to get images right on a wide variety of devices form iPhones to print.

```
.. toc-entry:: Richard and Drucilla Martin

.. figure:: images/cover.jpg
   :align: center
   :alt: Richard and Drucilla Martin

   :lb:`Richard Martin was a slave in Memphis, Tennessee.
   Drucilla Martin was a slave in Giles County, Tennessee.`

   The legend consists of all elements after the caption.  Lorem
   ipsum dolor sit amet, consetetur sadipscing elitr, sed diam
   nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam
   erat, sed diam voluptua. At vero eos et accusam et justo duo
```

```
dolores et ea rebum.
```

Richard Martin was a slave in Memphis, Tennessee.
Drucilla Martin was a slave in Giles County, Tennessee.

The legend consists of all elements after the caption. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.

Tests and Examples

Notice

> The rest of this file contains tests. You may look at the RST source to learn how things are done.

A generated local table of contents:

A local table of contents as highlights:

> Kingston — Instructive remarks on early English history — Instructive observations on carved oak and life in general — Sad case of Stivvings, junior — Musings on antiquity — I forget that I am steering — Interesting result — Hampton Court Maze — Harris as a guide.

ÄÖÜ äöüß Æsop Œdipus cœr. Ð. †‡ ⊠. §2.1

'' ‚ "" ‹› em — en –.

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'Speak roughly to your little boy,
    And beat him when he sneezes:
He only does it to annoy,
    Because he knows it teases.'

CHORUS.

(In which the cook and the baby joined):—

'Wow! wow! wow!'

> Summer wanes, the children are grown;
> Fun and frolic no more he knows;
> Robert of Lincoln's a humdrum crone;
> Off he flies and we sing as he goes:
> Bob-o'link, bob-o'-link,
> Spink, spank, spink;
> When you can pipe that merry old strain,
> Robert of Lincoln, come back again.
> Chee, chee, chee.

And now a quote by Lorem Ipsum:

> Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.
>
> — Lorem Ipsum

Section 3.1

> I pity the man who can travel from Dan to Beersheba, and say "'Tis all barren;" and so is all the world to him who will not cultivate the fruits it offers.
>
> — Sterne: Sentimental Journey.

Simple List with hyphens

- Wash left ear.

- Wash right ear.

- Brush teeth.

Simple List with bullets

- Wash left ear.

- Wash right ear.

- Brush teeth.

Nested List

1. Item 1.

    a) Item 1a.

    b) Item 1b.

        I) Item 1.a.I
        II) Item 1.a.II
        III) Item 1.a.III
        IV) Item 1.a.IV

|8| 2.   A)   i) Item 2.A.i

                        ii) Item 2.A.ii

        B)   i) Item 2.B.i

                    ii) Item 2.B.ii

                  iii) Item 2.B.iii

        C) Item 2.C

3. Item 3.

Definition List

term Definition.

term 2 Definition 2

    Definition 2 paragraph 2.

long term 3 Definition 3

Option List (not used by PG)
    -a, command-line option "a"
    -1 *file* , --one = *file* , --two *file* , Multiple options with arguments.

123 Section 3.2[7]

Some text so this section isn't empty.

Section 3.3

THE MAN WHO PLEASES.

The dearest friend to me, the kindest man,
The best-conditioned and unwearied spirit
In doing courtesies.

— Merchant of Venice.

He hath a daily beauty in his life.

— Othello.

Such a man would win any woman in the world
if a' could get her good will.

— Much Ado About Nothing.

There are few subjects of deeper interest to men and women than that of personal fascination,

«Ora si comincia per quelli di fuori e per quelli di dentro a far grandissima e crudel guerra.»

Istorie pistolesi.

```
total computer cost                   0.22 ± 0.06 by averaging
----------------------- =  0.23 ->  separate ratios for each
cost of bare accelerator              system
```

---

[7]This title contains a footnote reference. The footnote reference will not show up in the TOC.

TABLE 8 Types of Computers Used in the Systems Reported

Type	Number	
ASI 210	1	
ASI 2100	2	(3)
CDC 160A	2	
CDC 3100	1	(3)

99

Transcriber's Note

>   Minor spelling errors have been silently corrected.
>   Hyphenation has been made consistent.

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