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Formatting JAIR Articles in GROFF

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Abstract

The abstract is set centered and indented in 10 point font under the word ‘‘Abstract’’ centered in 12 point bold face font. The rest of the article is set in 11 point font.

1. Introduction

A major section is introduced with the ‘‘.sh’’ command. The section header is set in 12 point bold face font. Note that the first paragraph following a ‘‘.sh’’ command should be set using the ‘‘.lp’’ directive (so that the paragraph is not indented).

Subsequent paragraphs should be set using the ‘‘.pp’’ directive which *does* indent the paragraph. This is an example.

1.1. Second Level Section Header

Here is an example of a second level header also introduced with the ‘‘.sh’’ command. Notice that it is set in 11 point bold font rather than the 12 point bold font used in a major section. Third level headings are also automatically set in 11 point bold font.

Here is an example of an APA-style citation using GREFER (Brooks, 1975). This particular citation corresponds to a book. Here is another example of a citation, in this case where more than one reference is combined into a single citation (McAllester, 1982; Segre & Scharstein, 1993). The first citation in this group corresponds to a tech report, while the second corresponds to a journal article. Note that in every case the reference appears *after* the final period in the sentence; GREFER will shift the citation before the period automatically.

Here are some more reference examples (DeJong, 1988; Quinlan, 1983). Both correpond to articles in edited volumes, but the second has more than one editor. Finally, here is an example of a short-form citation, used when you refer to the authors in the text, for example, by saying something like Minton (1988) describes how to use APA-style citations (this last citation corresponds to a proceedings paper, as does this next one, Fisher *et al.*, 1989). Note that this last citation has a long list of authors, and that the citation uses ‘‘et al.’’ to avoid listing every author. In addition, we made use of GREFER’s explicit ‘‘surrounding text’’ feature to have the citation appear correctly inside the parenthesis.

A final word on APA-style references. The APA style manual devotes some 20 pages to every possible configuration of reference information. It makes some pretty fine-grained distinctions between, for example, journals with sequentially numbered pages and journals whose individual issues each start from page 1 within the same volume. The reference style used here is meant to come as close as possible to doing the right thing most of the time.[1] If you have some special reference needs, you may need to mess with the reference format a bit; in particular, the ‘‘refer-apa.me’’ file.

1.2. Another Second Level Header

We have included a GNUEMACS elisp file called ‘‘refer.el’’ to help you set up your GREFER database. Load this file into EMACS, and then edit any file ending with the extension ‘‘.ref’’ to enter refer-mode. This elisp file provides a simple interface that prompts you for the appropriate fields for each reference.

2. Another First Level Header

In this section, we’ll look at how to incorporate figures. Figures should be enclosed in ‘‘keeps’’ so that they all appear on the same page. We’ll use a register, ‘‘\nF’’, to automatically keep track of figure numbers.

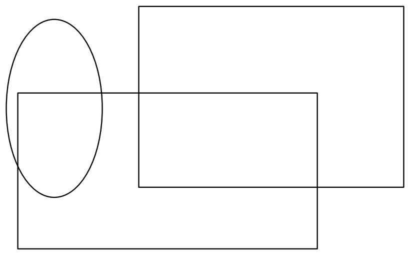

Figure 1: Example of a GPIC figure included in the GROFF source.

We expect figures to be in GPIC, so that they will be sourced into the file for processing. This will be the case, for example, when XFIG or similar drawing programs that produce GPIC output are used. GNUPLOT is another example of such a program.[2]

Tables are handled in a similar fashion. We expect tables will be set in GTBL. We’ll use another register, ‘‘\nT’’, to sequentially number tables. Again, use a ‘‘keep’’ to keep the table on the same page as its caption.

[1] In particular, it signals critical missing fields with messages such as ‘‘**NO AUTHORS??**’’ in the output. This, by the way, is an example of a footnote.

[2] Some authors may use different drawing programs that produce postscript or encapsulated postscript figures. These can be included by using the PSPIC GROFF macro instead of simply using the ‘‘.so’’ directive (see man page for GROPS for more information on how to use PSPIC).

Trial	Foo	Bar	Baz
1	12	11	14.5
2	10.5	11	12
3	12	11	14.5
4	10.5	11	12
5	10.5	11	12

Table I: Sample table caption.

Notice that both figure and table captions are set in regular 11 point font, like the rest of the article.

Acknowledgements

Acknoweldgements to people or funding agencies should appear here, at the end of the paper, just before the Appendices. Note the use of the ".uh" unnumbered section heading for the acknowledgements; this type of heading appears in 11 point font.

Appendix A. Sample Appendix

Appendices are labeled sequentially using letters of the alphabet and appear before the references.

References

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