LATEX Guidelines for Simple, Two-Column Papers

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Abstract

This is a simple sample of a document created using LATEXthat includes a figure from the Vergil visual editor for Ptolemy II that has been created by printing to EPS. It also illustrates a simple two-column conference paper style, and use of bibtex to handle bibligraphies.

1 Using LATEXwith EPS Figures

This is a sample document for use with latex and dvipdfm, which is a program that is included with the Miktex distribution that produces PDF files from DVI files,
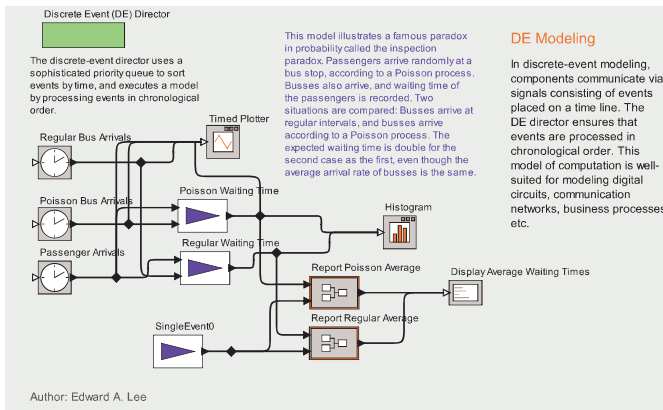

Figure 1. Figure caption. To get a figure to span two columns, use the environment figure* rather than figure.

which are produced by LATEX. To run LATEXon this file, you need the following files:

1. templateEPS.tex (this file)

2. figure.eps (the figure file)

3. simpleConference.sty (style file)

4. refs.bib (bibiliography file)

To create a PDF file, execute the following commands:

1. latex templateEPS

2. bibtex templateEPS

3. latex templateEPS

4. latex templateEPS

5. divpdfm templateEPS

Yes (strangely) it is necessary to run latex three times. The result will be a PDF file (plus several other files that LATEXproduces). You will need a mechanism, of course, for executing commands on the command line. If you are using Windows, I recommend installing Cygwin and using its bash shell.

The figure 1 is created from Vergil, the visual editor for Ptolemy II models [1], by first creating an EPS printer and printing to it, then using Ghostscript to set the bounding box of the resulting EPS file.

References

[1] C. Brooks, E. A. Lee, X. Liu, S. Neuendorffer, Y. Zhao, and H. Zheng. Heterogeneous concurrent modeling and

design in java. Technical Report Technical Memorandum UCB/ERL M04/27, University of California, July 29 2004.