NCSA Mosaic: Document View

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Document Title: Overview

Document URL: file://localhost/tmp_mnt/home/cblipca/nikos/tmp/latex2

Overview

This document describes a LaTeX to HTML translator written in perl.

The translator:

- breaks up a document into one or more components as specified by the user,
- provides an optional **next**, **previous**, and **up** navigation panel on every page,
- handles equations ($\sum_{i=1}^{n} x_i = \int_0^1 f$), tables (see Table), figures (see Figure), and *any arbitrary environment*. These are passed to LaTeX and then converted to images which are either included in the document or are made available through hypertext links,
- can produce output suitable for browsers that support inlined images or character based browsers (as specified by the user),
- handles definitions of new commands, environments, and theorems even when these are defined in external style files,
- handles footnotes, tables of contents, lists of figures and tables, bibliographies and can generate an index,
- translates cross–references into hyperlinks,
- extends the LaTeX cross–referencing mechanism to work not just within a document but *between documents* which may reside in remote locations,
- recognizes hypertext links (to sound/video/ftp/http/news etc. addresses) expressed as LaTeX commands,
- can deal sensibly at least with the *Common LaTeX commands* summarized at the back of the LaTeX blue book [1],
- will try and translate any document with embedded LaTeX commands irrespective of whether it is complete or syntactically legal.

A postscript version (generated directly from the same LaTeX source file) of this document is available.

Nikos Drakos

file://localhost/tmp_mnt/home/cblipca/nikos/tmp/latex2html/listoftables3.3.ht

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