The outline package

Simple Outline Package

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1 Summary

The package defines an `outline` environment, which provides facilities similar to `enumerate`, but up to 6 levels deep.

2 Description

Create six-level list environment `{outline}` for making outlines; mark each outline topic with `\item`. Use of label/ref sequences provided. A direct hack of the `enumerate` code from `latex.tex` (added more depth and outline style numbering). Use as you would use the `enumerate` environment.

3 History

January 10, 1991 – Copyright 1991 Peter Halvorson

August 23, 2002 – Updates for LaTeX 2_ε copyright 2002 Seth Flaxman

October 6, 2008 – LPPL 1.3c or later by Clea F. Rees (for Seth Flaxman)

May 16, 2010 – LaTeX version of documentation created by Philipp Stephani

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4 Example

```
\documentclass{report}
\usepackage{outline}

% [outline] includes new outline environment. I. A. 1. a. (1) (a)
% use \begin{outline} \item ... \end{outline}

\pagestyle{empty}

\begin{document}

\begin{outline}
  \item {\bf Introduction }
  \begin{outline}
    \item {\bf Applications } \\
      Motivation for research and applications related to the
      subject.
    \item {\bf Organization } \\
      Explain organization of the report, what is included, and what
      is not.
  \end{outline}
  \item {\bf Literature Survey }
  \begin{outline}
    \item {\bf Experimental Work } \\
      Literature describing experiments with something in common with
      my experiment. My experiment is subdivided into section
      relating to each aspect of the whole.
    \begin{outline}
      \item {\bf Drop Delivery } \\
        Literature relating to the production of droplets.
      \begin{outline}
        \item {\bf Continuous } \\
          Continuous drop production methods, i.e. jet methods.
        \item {\bf Drop on Demand } \\
          Drop on demand methods, i.e. ink jet devices. Produce drops
          whenever needed, simplifies control of frequency.
        \item {\bf Flexibility } \\
          Best methods in terms of flexible velocities, volumes, and
          frequencies.
        \item {\bf Control Circuitry } \\
          Circuitry necessary to control the drops, may include
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        control of generation, size, and frequency. Divertors and
        drop chargers.
      \item {\bf Extensibility } \\
        Methods extensible to 2D applications.
      \item {\bf Recirculation } \\
        Recirculation techniques, pump, none, capillary.
    \end{outline}
    \item {\bf Instrumentation } \\
      Literature dealing with measurement of various parameters.
    \begin{outline}
      \item {\bf Temperature }
      \begin{outline}
        \item {\bf Heater Surface }
        \item {\bf Fluid Temperature }
        \item {\bf Heat Flux }
        \item {\bf Heat Transfer Coefficient }
      \end{outline}
      \item {\bf Drop Characteristics }
      \begin{outline}
        \item {\bf Size }
        \item {\bf Velocity }
        \item {\bf Frequency }
      \end{outline}
    \end{outline}
    \item {\bf Heating Element } \\
      Literature dealing with the heating element. Material
      properties, surface properties, heat sources.
    \begin{outline}
      \item {\bf Material }
      \item {\bf Heat Source }
    \end{outline}
  \end{outline}
  \item {\bf Analytical Work }
  \begin{outline}
    \item {\bf Evaporation }
    \item {\bf Boiling }
    \item {\bf Leidenfrost Temperatures }
    \item {\bf Heat Transfer }
    \item {\bf Numerical Analysis }
    \begin{outline}
      \item {\bf Drop Characteristics }
      \item {\bf Surface Wetting }
      \item {\bf Transient Temperatures }
```

```
      \end{outline}
    \end{outline}
  \end{outline}
  \item {\bf Proposed Research }
  \begin{outline}
    \item {\bf Experimental Work }
    \item {\bf Analytical Work }
  \end{outline}
\end{outline}

\end{document}
```