
Subject: Re: Source Code into latex

Posted by [George N. White III](#) on Thu, 12 Jul 2001 16:47:48 GMT

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On Mon, 9 Jul 2001, Dominik Paul wrote:

>
> Hi there,
>
> does somebody know, how I can convert or create a latex-document out of my
> IDL Source Code?

I often include IDL code in LaTeX (and ConTeXt) documents using the ProTeX literate programming macro package.

Simple example:

```
\documentclass[11pt]{article}
\usepackage{txfonts} %

% ProTex:
% http://www.cis.ohio-state.edu/~gurari/tpf/html/LitProg.html
% Eitan Gurari, "TeX and LaTeX: Drawing and Literate Programming".
% McGraw-Hill, 1994. ISBN 0-07-025208-4 / 0-07-911616-7
\ifx\AlProTex\undefined%
  \input{ProTex.sty}
\fi
\AlProTex{f,<<<>>>,title,list,`}

\title{IDL in \LaTeX}
\author{George N. White III}
\begin{document}
\maketitle
```

Here is an IDL procedure. Using the literate programming tool, sections can be defined elsewhere and will be embedded into the output file.

```
\<dummy\><<<
pro dummy
;dummy IDL procdure
`<print`>
END
>>>
```

Here is the definition of the `\verb|print|` section.

```
\<print\><<<  
print, '...'  
>>>
```

Finally, we write the complete program.

```
\OutputCode[pro]\<dummy\>
```

```
\end{document}
```

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