
Subject: Re: IDL graphics & LaTeX

Posted by [Craig Markwardt](#) on Fri, 22 Sep 2017 14:06:16 GMT

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On Thursday, September 21, 2017 at 7:10:52 AM UTC-4, Markus Schmassmann wrote:

> Hi,
>
> I'm putting graphics created with the IDL graphics functions into a
> LaTeX document.
>
> Does someone here know a way to make sure that the text elements of the
> graphic (axis labels,axis tickmarks,titles,legends...) are typeset by
> LaTeX such that they have the same fonts & sizes as the rest of the
> LaTeX document?
>
> I'm looking for something similar to GNUpot's epslatex terminal.
>
> A brute force approach would be:
>
> idl -e "(plot(/test)).save,'example.eps'&exit"
> grep '^(\.*)\$' -A 1 example.eps
>
> ; remove those lines from the eps file and parse them to get what I want
> in LaTeX
>
> But I hope someone of you has a better way than to grep & sed an eps file.
>
> Markus

There used to be a package called psfrag which allowed one to do this. I haven't used it in something like two decades, but it sounds like what you want.
