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Remarks on arXiv submission

Starting February 9, 2017, arXiv processes all submissions (and replacements) with TeX Live 2016. It can result in problems when submitting files prepared using earlier TeX Live (LaTeX, BibTeX, Biber) versions. We encourage authors to switch their development environments to the latest TeX Live 2016, if possible.

The difference is crucial when you use BibTeX /Biber for your references. Your submission will be processed properly only if you include the bbl file (created by bibtex or biber) in the latest format. The heading of the file should be:

```
% $ biblatex auxiliary file $
% $ biblatex bbl format version 2.8 $
% Do not modify the above lines!
%
```

If the version is lower than 2.8, your submission will fail. And you are likely to see strange error messages referring e.g. (in my case) to hyperref package. Still, this is just the version inconsistency problem. You need to find newer installation of TeX Live and regenerate you bbl file... For instructions on the latest TeX Live installation on afs, check CLICSoftwareComputing#Latex

Also, when searching for the solution to the submission problem I learned that it is possible to add the following line at the begining of the main latex file (within the first five lines)

```
\pdfoutput=1
```

to ensure pdflatex processing (which is required for CLICdp note style).

Finally, I succeeded to submit the file when using biber option in CLICdp.sty. If you have problems with using bibtex generated bbl file, maybe switching back to biber (which is the default) will help. This corresponding lines in CLICdp.sty file should read:

```
\RequirePackage[backend=biber,style=numeric-comp]{biblatex} % bibliography using biber (default)
% \RequirePackage[backend=bibtex,style=numeric-comp]{biblatex} % bibliography using bibtex
```

For more information on TeX Live version used by arXiv see: [this page](#)

- Be aware that arXiv does not support documents with a mixture of PostScript and PDFLaTeX -type figures because it involves post-processing of the PostScript files, because they cannot diagnose if it fails. Therefore you should either convert your PostScript figures to PDF or your PDFLaTeX -type figures to PostScript files.

-- AleksanderFilipZarneckiExternal - 2017-04-28

This topic: CLIC > ArXivNotes

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