

# frbaart L<sup>A</sup>T<sub>E</sub>X class for the *Policy Hub Papers* publications

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## Abstract

This package provides a class for typesetting Policy Hub Papers publications of the Federal Reserve Bank of Atlanta.

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## 1 Introduction

The frbaart document class is based on the article class. The main text font is set to IBM Plex Sans and the math font is to IBM Plex Sans where it is appropriate. The first page of the template is *Instructions for Policy Hub*, which is suppressed in final document. The second page is *metadata* information provided by author(s). The page is suppressed in final document as well.

## 2 Options

**final** - do not print the *Instructions for Policy Hub* page and the *metadata* page.

**draft** - the opposite of “final” option. Prints *Instructions for Policy Hub* page and *metadata* page. *Enabled by default.*

## 3 Instructions for Policy Hub

*Instructions for Policy Hub* page contains questions that author(s) are kindly asked to answer. The page is suppressed in final document.

## 4 Metadata

Metadata consists of paper *title*, *subtitle* if available, *authors* with their *affiliations*, *abstract* or summary, *key findings*, *center affiliation*, *keywords* and *doi number*.

<code>\title</code>	Set title of the paper in <code>\title{}</code> command before <code>\begin{document}</code> .
<code>\subtitle</code>	Set subtitle (if any) within <code>\subtitle{}</code> command.
<code>abstract</code>	Use <code>\begin{abstract}...\end{abstract}</code> environment instead of the <code>\abstract{}</code> macro to set an abstract or a summary.
<code>\author</code>	Name(s), affiliations, and email(s) of the author should set in appropriate macros within author command. The following coding should be applied for each author separately: <pre>\author{%   \person{Firstname Surname},   \affiliation{Affiliation}   \email{surname1@email.com}% not printed }</pre>
<code>findings</code>	Use comma as a separator for multiple affiliations or email addresses. The findings environment is defined as an unnumbered list, where findings is set as list items.
<code>\affil</code>	This command is meant for Center Affiliation.
<code>\keywords</code>	The command <code>\keywords{\keyword1, keyword2,...}</code> sets keywords for the paper. Use comma as a keyword separator. The command <code>\keywords</code> can have one optional argument which you can use, e.g. for JEL classification codes: <pre>\keywords[JEL Classification]{Code1, Code2, ...}</pre>
<code>\doi</code>	The doi and the paper number should be set in <code>\doi</code> and <code>\articlenumber</code> commands respectively before <code>\maketitle</code> command.
<code>\articlenumber</code>	The authors' biographies should be set in the <code>aboutauthors</code> environment. The command <code>\person</code> will set the name in bold font.
<code>aboutauthor</code>	
<code>acks</code>	Acknowledgments should be set in <code>acks</code> environment.

## 5 Mathematics

The template loads `amsmath` [1] by default. You are encourage to use the features provided by this package.

## 6 Tables

Avoid using vertical rules for tables as per the booktabs [2] package recommendations. The package is loaded by default. Table headers are set with `\thead` command, which gives a slightly bigger font size. Table notes can be put after tabular environment using `\note` command. Optional argument to `\note` will change the default preceding text (*Note*). Basic table structure is as follows (see *sample.tex* file for more elaborated examples):

```
\begin{table}
\caption{...}\label{...}
\begin{tabular}{<column-specs>}
\hline
\thead{ headerA } & \thead{ headerB } ... \\\hline
row2 c1 & row2 c2 & ... \\\hline
row3 c1 & row3 c2 & ... \\\hline
..... & ..... & ....\\\hline
\end{tabular}
\end{table}
```

## 7 Figures

Figure caption should be before the figure body, therefore `\caption` command should precede `\includegraphics` command. Notes to figure should be set in `\note` after the figure body, i.e., after `\includegraphics` command.

```
\begin{figure}
\caption{...}
\includegraphics{...}
\note[Source]{...}
\end{figure}
```

## 8 Theorems and alike

You can use either `amsthm` [3] package or `ntheorem` [4] package for setting theorems.

## 9 Citing references

The template uses `natbib` [5] package to format references. The citations are set in the author-year format using *American Economic Association* citation style. For bibtex users the bibtex style file (`aea-edt.bst`) is supplied with this bundle:

```
\bibliographystyle{aea-edt} % load bibstyle aea-edt.bst
\bibliography{bibdata}      % load your bibdata.bib database file
```

How to use bibtex one can refer to <http://www.bibtex.org/Using/> or <https://latex-tutorial.com/tutorials/bibtex/>.

## References

- [1] AMS, LaTeX project, *User's Guide for the amsmath Package*, v. 2.1, <https://ctan.org/pkg/amsmath>.
- [2] Simon Fear, *Publication quality tables in LATEX*, January 2020, <https://ctan.org/pkg/booktabs>.
- [3] AMS, *Using the amsthm Package*, v. 2.20.3, <https://ctan.org/pkg/amsthm>
- [4] Wolfgang May, Andreas Schedler, *An Extension of the LATEX-Theorem Environment*, v. 1.33, <https://ctan.org/pkg/ntheorem>
- [5] Patrick W. Daly, *Natural Sciences Citations and References*, 2010, <https://ctan.org/pkg/natbib>