simplebnf — A simple package to format Backus-Naur form*

Jay Lee†

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`\bnfexpr` `\bnfannot`

The `\bnfexpr` and the `\bnfannot` commands are simply wrappers around `\texttt` and `\textit` , respectively.

`\begin{bnfgrammar}{`⟨*term*⟩`}` text `\end{bnfgrammar}`

The *term* argument of the `bnfgrammar` environment is the term to define a grammar. The text inside the environment should be a comma-separated list of keypairs. Each keypair represents an alternative syntactic form of the *term* and its annotation, delimited with a colon(`:`).

A sample code and the result is shown below:

```
\begin{bnfgrammar}{\bnfexpr{v}}
  n: integer,
  $\lambda$x.e: abstraction
\end{bnfgrammar}

\begin{bnfgrammar}{\bnfexpr{C}}
  \bnfexpr{[]}: hole,
  \bnfexpr{C\,e}: application 1,
  \bnfexpr{v\,C}: application 2,
  \bnfexpr{C\,+\,e}: addition 1,
  \bnfexpr{v\,+\,C}: addition 2
\end{bnfgrammar}
```

v	::=	n	*integer*
	|	λx.e	*abstraction*
C	::=	[]	*hole*
	|	C e	*application 1*
	|	v C	*application 2*
	|	C + e	*addition 1*
	|	v + C	*addition 2*

*This file describes v0.0.1.

†E-mail: jaeho.lee@snu.ac.kr