The **newproof** package

Mike Piff*

This package defines a `\newproof` command similar to `\newtheorem`. Its arguments are

`#1` Name of proof environment, eg, `proof`.

`#2` Starting text, eg, *Proof.*

`#3` Finishing text, eg, □ flushed right.

The package goes on to define a `proof` environment with exactly the above setup, but other unnumbered environments can be set up in the same way.

The created environments take one optional argument, which, if present, goes in brackets after `#2`. Eg,

```
\begin{proof}
  A proof.
\end{proof}

\begin{proof}[B. L. User]
  A named proof.
\end{proof}

\begin{proof}[of Theorem \ref{thm}]
  Yet another.
\end{proof}
```

Command `\qed` is set up to flush `\qedtext` right; `\qedtext` defaults to a square, but can be re-defined as "QED" or whatever.

*https://github.com/LaTeX-Package-Repositories/piff