

The *namedtheorem* package (v0.2)

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1 Dependencies

Depends on: `amsthm`, `aliascnt`, `hyperref`. It is recommended that you include this package last.

2 Usage

This package provides a single command, `\newnamedtheorem` which is a version of `amsthm`'s `\newtheorem` that works correctly with `hyperref`'s `\autoref`.

3 Examples

Preamble:

```
\newnamedtheorem{thm}{Theorem}[section]
\newnamedtheorem{prop}[thm]{Proposition}
\newnamedtheorem*{RH}{Riemann Hypothesis}
\newnamedtheorem{mt}{Main Theorem}
\theoremstyle{definition}
\newnamedtheorem{defn}[thm]{Definition}
\theoremstyle{remark}
\newnamedtheorem{rk}[thm]{Remark}
```

Example:

```
\begin{defn} \label{defn::3}
Test.
\end{defn}

\begin{mt} \label{mt::5}
Test.
\end{mt}

\begin{thm} \label{thm::1}
```

Test.
`\end{thm}`

`\begin{RH} \label{RH::6}`
 Test.
`\end{RH}`

`\begin{rk} \label{rk::4}`
 Test.
`\end{rk}`

`\begin{prop} \label{prop::2}`
 Test.
`\end{prop}`

By `\autoref{thm::1}`, `\autoref{prop::2}`, `\autoref{defn::3}`,
`\autoref{rk::4}`, `\autoref{mt::5}`, and `\autoref{RH::6}`
 our assertion clearly follows.

Definition 3.1. *Test.*

Main Theorem 1. *Test.*

Theorem 3.2. *Test.*

Riemann Hypothesis. *Test.*

Remark 3.3. *Test.*

Proposition 3.4. *Test.*

By Theorem 3.2, Proposition 3.4, Definition 3.1, Remark 3.3, Main Theorem 1, and Riemann Hypothesis our assertion clearly follows.

4 Notes

This is an implementation of the fix proposed in the `hyperref` manual.