`timeline` Package

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Abstract

The `timeline` package provides an easy interface to create and maintain timelines. It provides macros utilising `tikz` and `pgf`.

1 License

2 Environment options

The environment `timeline` has four optional arguments:

$$\begin{aligned}&\texttt{\textbackslash begin\{timeline\}}\\&\qquad\{\langle \textit{InnerBackgroundColor}\rangle\}\\&\qquad\{\langle \textit{InnerForegroundColor}\rangle\}\\&\qquad\{\langle \textit{OuterBackgroundColor}\rangle\}\\&\qquad\{\langle \textit{OuterForegroundColor}\rangle\}\end{aligned}$$

They define the respective color for the events on the timeline. Default settings are some orange ■ with black text for the inner part and some blueish ■ with white text for the outer part.

3 Example

A small example is provided:

```
\begin{timeline}
  \timebar{|}{0}{1959}{1960}{.5}{}
  \zigzag{1}
  \entry{1959}{Branching Quantifiers}{Henkin}

  \timebar{}{1.4}{1989}{1990}{.5}{}
  \zigzag{2.4}
  \entry{1989}{IF-logic}{Hintikka, Sandu}

  \timebar{}{2.8}{1997}{2018}{.5}{stealth'}
```

```
  \entry{1997}{Compositional Semantics for IF}{Hodges}
  \entry{2003}{IF modal logic}{Tulenheimo}
  \entry{2007}{Dependence Logic}{Väänänen}
  \flipentry{2008}{Modal Dependence Logic}{Väänänen}
  \entry{2011}{Inclusion \& Exclusion Logic}{Galliani}
  \entryshift{2012}{Independence Logic}{Grädel, Väänänen}{2mm}
  \flipentry{2011}{Modal Team Logic}{Müller}
  \entry{2016}{Multiteam Semantics}{Durand et al.}
  \flipentry{2016}{Prop. Team Logic}{Yang, Väänänen}
  \flipentryshift{2017}{Polyteam Semantics}{Hannula et al.}{2mm}
\end{timeline}
```

and produces the following timeline: