Some very basic TikZ

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History

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- TikZ and PGF were originally developed by Till Tantau together with the Beamer package
- T_EX packages for creating graphics programmatically
- Aim: create sophisticated graphics in a more or less intuitive way

Command and Environment

- \usepackage{tikz}
- tikzpicture environment
- \tikz command

A Simple Line

```
1  \begin{tikzpicture}
2    \draw (0,0) -- (1,1);
3  \end{tikzpicture}
```

Let's add some grid!

A Simple Line

```
1  \begin{tikzpicture}
2    \draw[step=1.0,gray,thin] (-1,-1) grid (6,4);
3    \draw (0,0) -- (1,1);
4  \end{tikzpicture}
```