

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
 - `\begin{tikzpicture}`
 - `\end{tikzpicture}`
- `\tikz` command

A Simple Line

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

