

Языки разметки

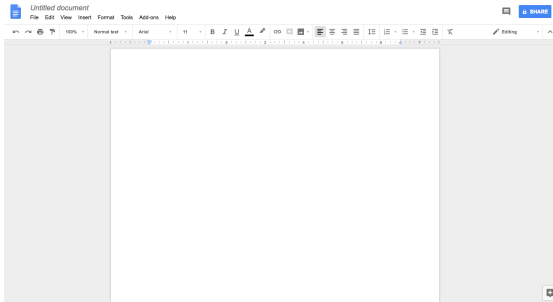
Инструментарий Современного Программиста

Иван Трепаков

NSU Sys.Pro

WYSIWYG vs WYSIWYM

What You See Is What You Get
Microsoft Word, Google Docs



Google Docs

What You See Is What You Mean
Markdown, \LaTeX , HTML

commonmark.js dingus

```
clear permalink Smart punctuation ☐
## Try CommonMark

You can try CommonMark here. This dingus is powered by
[commonmark.js](https://github.com/commonmark/commonmark.js), the
JavaScript reference implementation.

1. item one
2. item two
   - sublist
   - sublist
```

Preview HTML AST

Try CommonMark

You can try CommonMark here. This dingus is powered by [commonmark.js](#), the JavaScript reference implementation.

1. item one
2. item two
 - + sublist
 - + sublist

Parsed in 4 ms. Rendered in 1 ms.

Markdown

Полезные ресурсы

- [Узнать Markdown за 60 секунд](#)
- [Markdown playground](#)
- [GitHub Flavored Markdown](#)
- [Pandoc User's Guide](#)



Документы и отчеты

- [Pandoc](#)
- [Jupyter Notebook](#)

Заметки

- [vim](#)
- [Obsidian](#)

Презентации

- [pandoc + beamer](#)
- [Slidev](#)
- [reveal.js](#)

Форматирование

- [GitHub](#)
- [StackOverflow](#)

Web-сайты

- [GitHub pages](#)
- [Jekyll](#)

Пример

```
\documentclass[12pt]{article}
\begin{document}
```

The well known Pythagorean theorem
 $x^2 + y^2 = z^2$ was proved
 to be invalid for other exponents.
 Meaning the next equation has
 no integer solutions:

```
\[ x^n + y^n = z^n \]
```

```
\end{document}
```

The well known Pythagorean theorem $x^2 + y^2 = z^2$ was proved to be invalid for other exponents. Meaning the next equation has no integer solutions:

$$x^n + y^n = z^n$$

Полезные ресурсы

- [Overleaf](#)
- [Узнать \$\LaTeX\$ за 30 минут](#)
- [Русский шаблон](#)

L^AT_EX

Графы и диаграммы

- Graphviz
- Gnuplot
- Mermaid
- Matplotlib
- TikZ

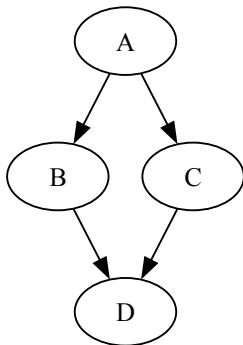
Пример

```
digraph G {  
  A -> {B, C} -> D  
}
```

```
$ dot -Tsvg example.gv \  
  -o example.svg
```

Полезные ресурсы

- [Graphviz Documentation](#)
- [Graphviz Gallery](#)
- [Online-редактор](#)

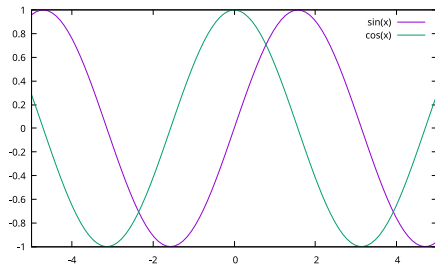


Пример

```
$ gnuplot -p -e \  
    "plot [-5:5] sin(x), cos(x)"
```

Полезные ресурсы

- [Подробный tutorial](#)
- [Gnuplot FAQ](#)
- [Галерея примеров](#)



Q&A