

# Producción gráfica de documentos académicos con Pandoc

## Abstract

Conjunto de herramientas de publicación académica potente, extensible y repleto de funciones. Construya y personalice con Pandoc, utilice un sistema de composición tipográfica (LaTeX) y componentes predefinidos, y dé vida a los proyectos con potentes filtros.

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# 1 Academic document production sandboxig

```
# Para obtener Citation Style Language
wget raw.githubusercontent.com/citation-style-language/styles/master/ieee.csl
```

```
# Para generar pdf
```

```
pandoc README.md --citeproc \
    -s --toc --toc-depth=3 --number-sections --columns=80 \
    -o README.pdf
```

```
# ó
make pdf
```

Powerful, extensible, and feature-packed academic publishing toolkit. Build and customize with Pandoc, utilize prebuilt a typesetting system (TeX) and components, and bring projects to life with powerful filters.

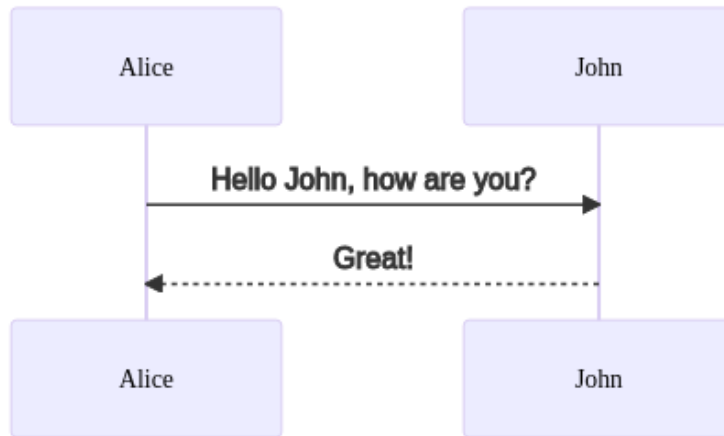
## 1.1 citeproc y crossref

Este es el ejemplo de referencia [1].

Una referencia con paginas [2, pp. 12–23].

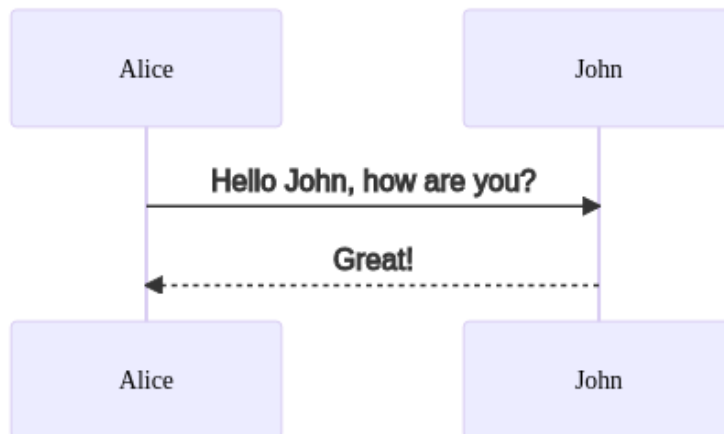
## 1.2 Pandoc

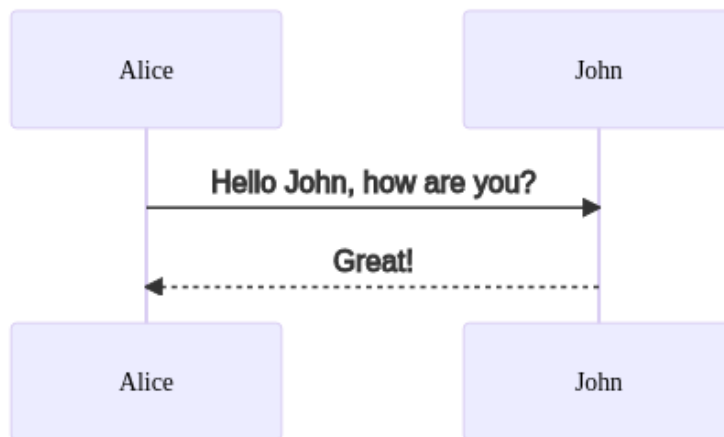
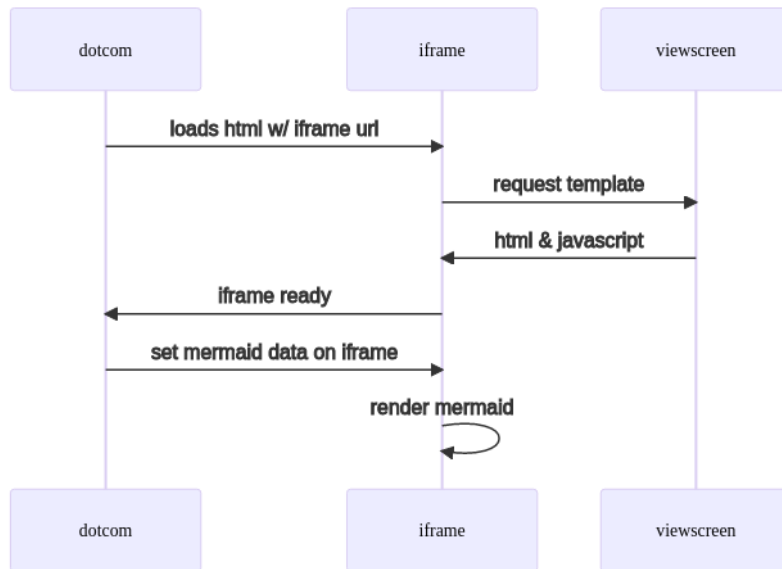
## 1.3 Mermaid

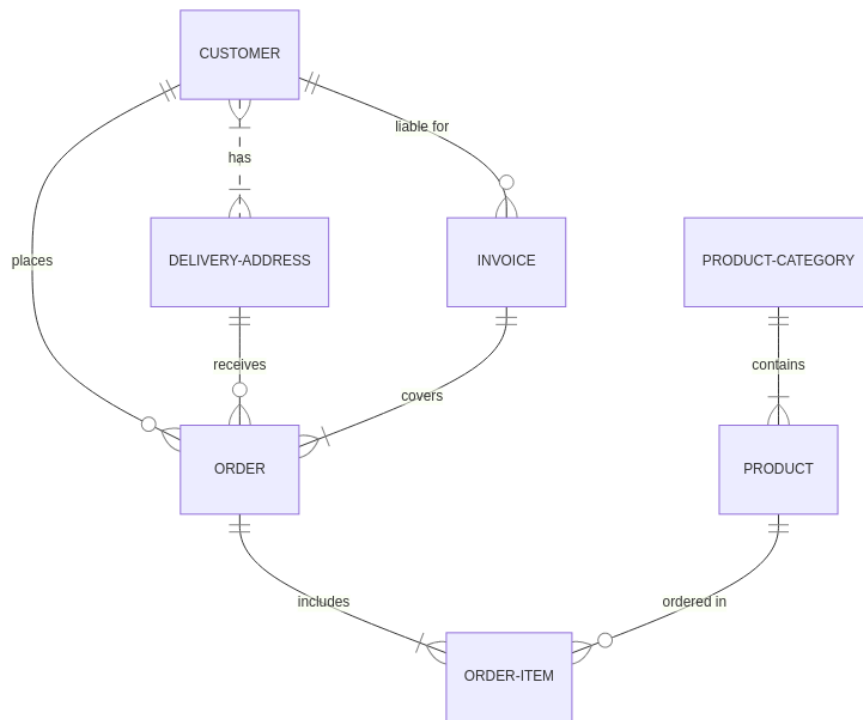


```
~~~mermaid
sequenceDiagram
    Alice->>John: Hello John, how are you?
    John-->>Alice: Great!
~~~
```

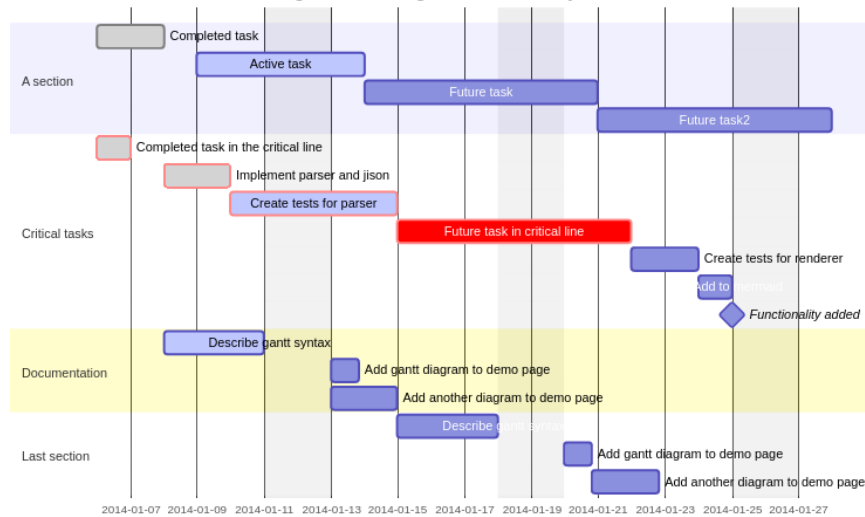
con referencias

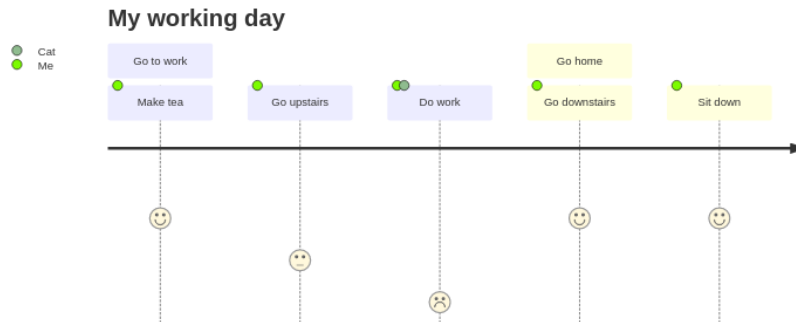






### Adding GANTT diagram functionality to mermaid





## 1.4 MathJax

When  $a \neq 0$ , there are two solutions to  $(ax^2 + bx + c = 0)$  and they are

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}.$$

## 2 Markdown

This Markdown cheat sheet provides a quick overview of all the Markdown syntax elements. It can't cover every edge case, so if you need more information about any of these elements, refer to the reference guides for basic syntax and extended syntax.

### 2.1 Basic Syntax

These are the elements outlined in John Gruber's original design document. All Markdown applications support these elements.

### 2.1.1 Heading

## 3 H1

### 3.1 H2

#### 3.1.1 H3

#### 3.1.2 Bold

**bold text**

#### 3.1.3 Italic

*italicized text*

#### 3.1.4 Blockquote

blockquote

#### 3.1.5 Ordered List

1. First item
2. Second item
3. Third item

#### 3.1.6 Unordered List

- First item
- Second item
- Third item

#### 3.1.7 Code

code

#### 3.1.8 Horizontal Rule

---

#### 3.1.9 Link

Markdown Guide

#### 3.1.10 Image

### 3.2 Extended Syntax

These elements extend the basic syntax by adding additional features. Not all Markdown applications support these elements.



Figure 1: alt text

### 3.2.1 Table

Syntax	Description
Header	Title
Paragraph	Text

### 3.2.2 Fenced Code Block

```
{  
  "firstName": "John",  
  "lastName": "Smith",  
  "age": 25  
}
```

### 3.2.3 Footnote

Here's a sentence with a footnote. <sup>1</sup>

### 3.2.4 Heading ID

### 3.2.5 My Great Heading

### 3.2.6 Definition List

**term** definition

### 3.2.7 Strikethrough

~~The world is flat.~~

---

<sup>1</sup>This is the footnote.



### 3.2.8 Task List

- ☒ Write the press release
- ☐ Update the website
- ☐ Contact the media

### 3.2.9 Emoji

That is so funny! :joy:

(See also Copying and Pasting Emoji)

### 3.2.10 Highlight

I need to highlight these ==very important words==.

### 3.2.11 Subscript

H<sub>2</sub>O

### 3.2.12 Superscript

X<sup>2</sup>

## Referencias

- [1] B. Moolenaar, “Seven habits of effective text editing,” 2000. [moolenaar.net/habits.html](http://moolenaar.net/habits.html)
- [2] D. E. Knuth, D. Knuth, and D. Bibby, *The TeXbook*. Addison-Wesley, 1986. Disponible: [www-cs-faculty.stanford.edu/~knuth/abcde.html](http://www-cs-faculty.stanford.edu/~knuth/abcde.html)