

Linguagem de Marcação

“A **markup language** is a system for annotating a document in a way that is syntactically distinguishable from the text”

–Merriam-Webster Dictionary

Lorem ipsum dolor

*Lorem ipsum **dolor** sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.*

Lorem ipsum dolor

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Como podemos marcar o Título no texto?

Lorem ipsum dolor

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Lorem ipsum dolor

Como podemos marcar o
Título no texto?

Lorem ipsum dolor

Markdown (.md)

Estruturas	.md
Título	#
Parágrafo	quebra linha
<i>Itálico</i>	*
Negrito	**

Markdown (.md)

Lorem ipsum dolor

Lorem ipsum ****dolor**** sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

markdown-preview-plus

Markdown Preview + Community Features

[#markdown](#)
[#maths](#)
[#latex](#)
[#commonmark](#)
[#pandoc](#)


[atom-community](#)

 2.4.9
  188,581
  **369**


[Repo](#)





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Markdown Preview Plus (MPP)

 appveyor **passing**
 travis **passing**
 apm v2.4.9
  downloads **188k**

Markdown Preview Plus (MPP) is a fork of [Markdown Preview](#) that provides a real-time preview of markdown documents.

Should you have any problems while installing or using MPP please open up a [new issue](#).

CommonMark Spec

Version 0.27 (2016-11-18)

John MacFarlane



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[1.2 Why is a spec needed?](#)

[1.3 About this document](#)

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<http://spec.commonmark.org/0.27/>

Como podemos marcar o Título no texto?

Lorem ipsum dolor

Como podemos marcar o Título no texto?

```
\section*{ Lorem ipsum dolor }
```

Como podemos marcar o
Título no texto?

Lorem ipsum dolor

LaTeX (.tex)

Estruturas	.md	.tex
Título	#	\section*
Parágrafo	quebra linha	quebra linha
<i>Itálico</i>	*	\textit
Negrito	**	\textbf

LaTeX (.tex)

```
\section*{Lorem ipsum dolor}
```

```
\textit{Lorem} ipsum \textbf{dolor} sit amet,  
consectetur adipisicing elit, sed do eiusmod tempor  
incididunt ut labore et dolore magna aliqua. Ut enim ad  
minim veniam, quis nostrud exercitation ullamco laboris  
nisi ut aliquip ex ea commodo consequat. Duis aute irure  
dolor in reprehenderit in voluptate velit esse cillum  
dolore eu fugiat nulla pariatur. Excepteur sint occaecat  
cupidatat non proident, sunt in culpa qui officia  
deserunt mollit anim id est laborum.
```




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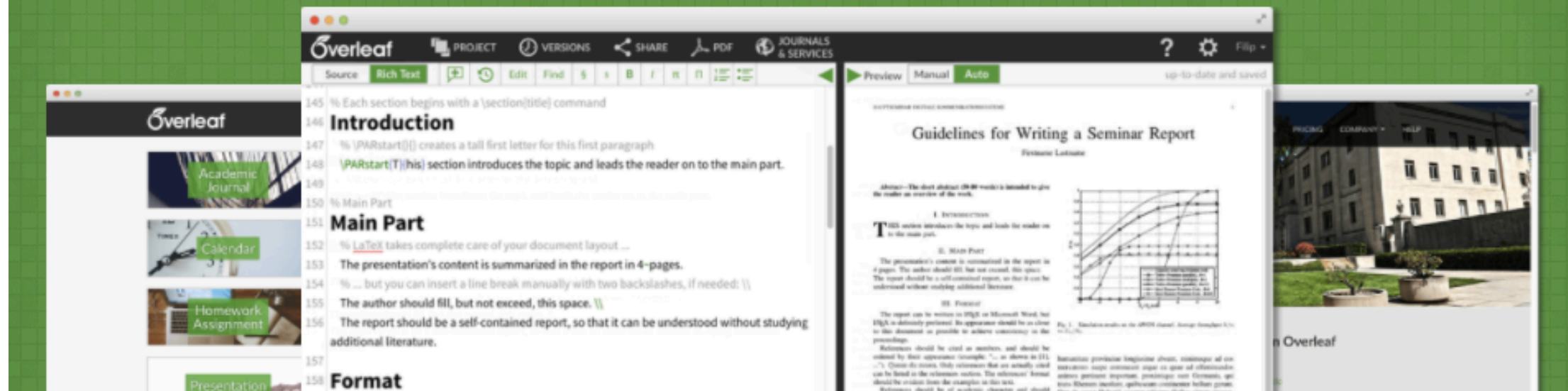
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<https://www.overleaf.com/9385056rmtvknmdwshj>

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LaTeX – A document preparation system

LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. LaTeX is the de facto standard for the communication and publication of scientific documents. LaTeX is available as [free software](#).

Recent News

Apr 16, 2017


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Mar 9, 2017

[New snapshot \(SVN 6984\) of LaTeX3 code released to CTAN](#)

Mar 8, 2017

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LaTeX the product

[Introduction](#)

Short introduction to LaTeX. Learn what LaTeX is, which features it has, and how it works.

[Getting LaTeX](#)

Learn how and where to get LaTeX for Linux, Mac OS X, Windows and Online.

The LaTeX3 Project

[LaTeX3 Project](#)

The LaTeX3 project is a long-term research project to develop the next version of the LaTeX typesetting system.

[Publications](#)

A selection of articles, slides, conference papers, videos etc. published by the LaTeX3 project.

<https://www.latex-project.org/>

Como podemos marcar o Título no texto?

Lorem ipsum dolor

Como podemos marcar o Título no texto?

`<titulo> Lorem ipsum dolor</titulo>`

Como podemos marcar o
Título no texto?

Lorem ipsum dolor

XML (.xml)

Estrutura	.md	.tex	.xml
Título	#	\section*	<titulo>
Parágrafo	quebra linha	quebra linha	<paragrafo>
<i>Itálico</i>	*	\textit	<italico>
Negrito	**	\textbf	<negrito>

XML (.xml)

<titulo>Lorem ipsum dolor**</titulo>**

<paragrafo><italico>Lorem**</italico>** ipsum
<negrato>dolor**</negrato>** sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt ut
labore et dolore magna aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut
aliquip ex ea commodo consequat. Duis aute irure dolor
in reprehenderit in voluptate velit esse cillum dolore
eu fugiat nulla pariatur. Excepteur sint occaecat
cupidatat non proident, sunt in culpa qui officia
deserunt mollit anim id est laborum.**</paragrafo>**

Que programa usar?



Extensible Markup Language (XML) 1.0 (Fifth Edition)

W3C Recommendation 26 November 2008

Note: On 7 February 2013, this specification was modified in place to replace broken links to RFC4646 and RFC4647.

This version:

<http://www.w3.org/TR/2008/REC-xml-20081126/>

Latest version:

<http://www.w3.org/TR/xml/>

Previous versions:

<http://www.w3.org/TR/2008/PER-xml-20080205/>

<http://www.w3.org/TR/2006/REC-xml-20060816/>

Editors:

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Eve Maler, Sun Microsystems, Inc. [<eve.maler@east.sun.com>](mailto:eve.maler@east.sun.com)

François Yergeau

Please refer to the [errata](#) for this document, which may include some normative corrections.

<https://www.w3.org/TR/xml/>

Como podemos marcar o Título no texto?

Lorem ipsum dolor

Como podemos marcar o Título no texto?

`<h1> Lorem ipsum dolor</h1>`

Como podemos marcar o
Título no texto?

Lorem ipsum dolor

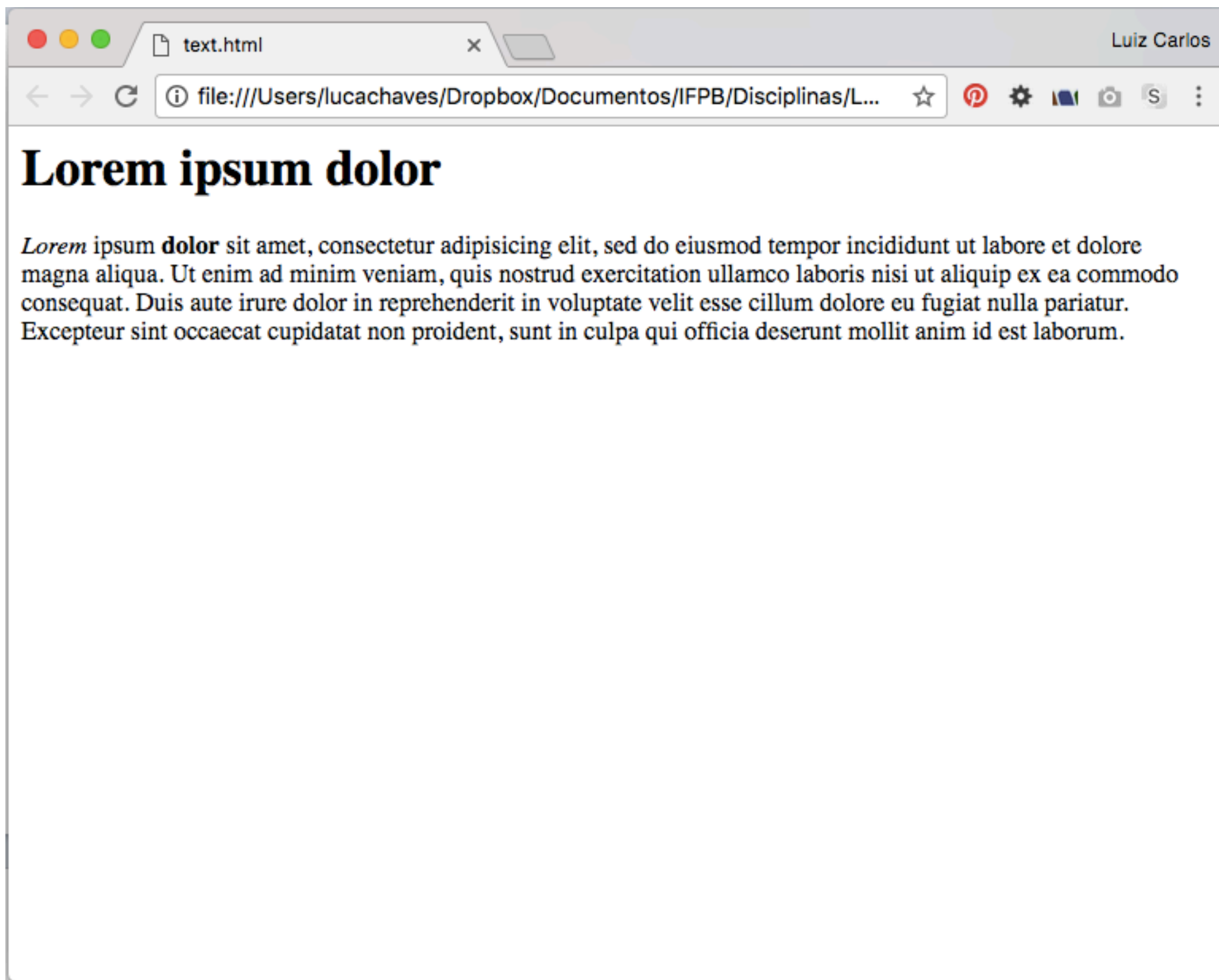
HTML (.html)

Estrutura	.md	.tex	.xml	.html
Título	#	\section	<titulo>	<h1>
Parágrafo	ql	ql	<paragrafo>	<p>
<i>Itálico</i>	*	\textit	<italico>	<i>
Negrito	**	\textbf	<negrito>	

HTML (.html)

<h1>Lorem ipsum dolor**</h1>**

<p>**<i>**Lorem**</i>** ipsum ****dolor**** sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.**</p>**





HTML 5.1

W3C Recommendation, 1 November 2016

This version:

<https://www.w3.org/TR/2016/REC-html51-20161101/>

Latest published version:

<https://www.w3.org/TR/html51/>

Latest version of HTML:

<https://www.w3.org/TR/html/>

Editor's Draft:

<https://w3c.github.io/html/>

Previous Versions:

<https://www.w3.org/TR/2016/PR-html51-20160915/>

Editors:

[Steve Faulkner](#) (The Paciello Group)

[Arron Eicholz](#) (Microsoft)

[Travis Leithead](#) (Microsoft)

[Alex Danilo](#) (Google)

Former Editors:

<https://www.w3.org/TR/html/>

Marcação além dos Documentos

Gráficos svg



Gráficos svg

```
<svg version="1.1"
      baseProfile="full"
      width="300" height="200"
      xmlns="http://www.w3.org/2000/svg">
```

```
<rect width="100%" height="100%" fill="red" />
```

```
<circle cx="150" cy="100" r="80" fill="green" />
```

```
<text x="150" y="125" font-size="60"
      text-anchor="middle" fill="white">SVG</text>
```

```
</svg>
```



<https://www.w3.org/Graphics/SVG/>

Fórmulas MathML

$$ax^2 + bx + c$$

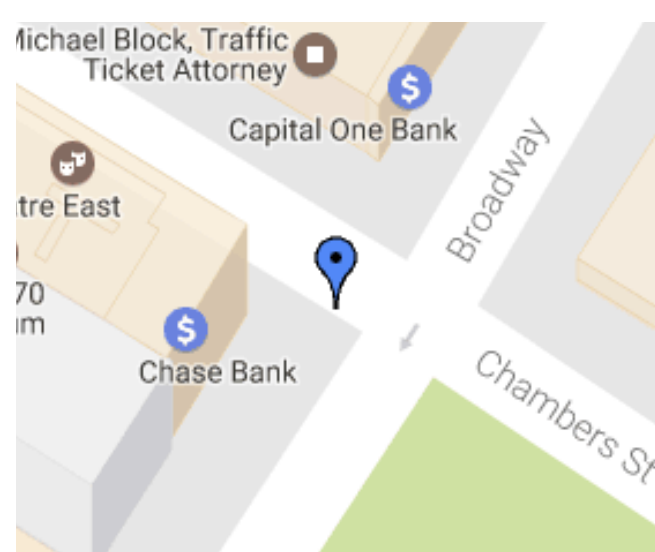
Fórmulas MathML

```
<?xml version="1.0" encoding="UTF-8"?>
  <!DOCTYPE math PUBLIC
    "-//W3C//DTD MathML 2.0//EN"
    "http://www.w3.org/Math/DTD/mathml2/mathml2.dtd">
  <math xmlns="http://www.w3.org/1998/Math/MathML">
    <mrow>
      <mi>a</mi>
      <mo>&InvisibleTimes;</mo>
      <msup>
        <mi>x</mi>
        <mn>2</mn>
      </msup>
      <mo>+</mo>
      <mi>b</mi>
      <mo>&InvisibleTimes;</mo>
      <mi>x</mi>
      <mo>+</mo>
      <mi>c</mi>
    </mrow>
  </math>
```

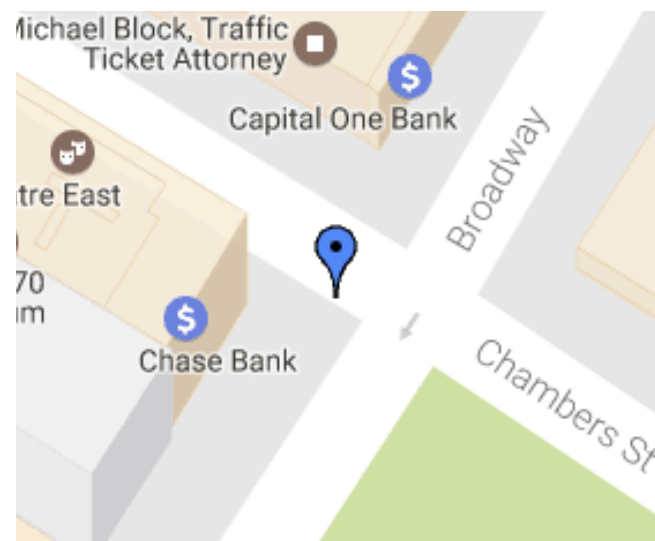
$$ax^2 + bx + c$$

<https://www.w3.org/TR/MathML/>

Anotações em Mapa KML



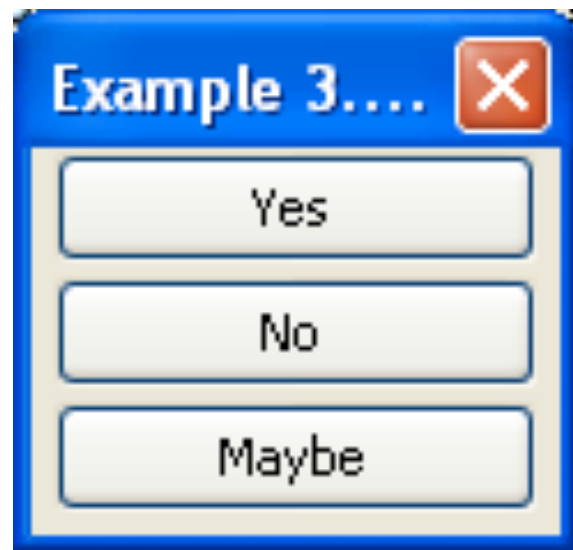
Anotações em Mapa KML



```
<?xml version="1.0" encoding="UTF-8"?>
<kml xmlns="http://www.opengis.net/kml/2.2">
<Document>
<Placemark>
  <name>New York City</name>
  <description>New York City</description>
  <Point>
    <coordinates>-74.006393,40.714172,0</coordinates>
  </Point>
</Placemark>
</Document>
</kml>
```

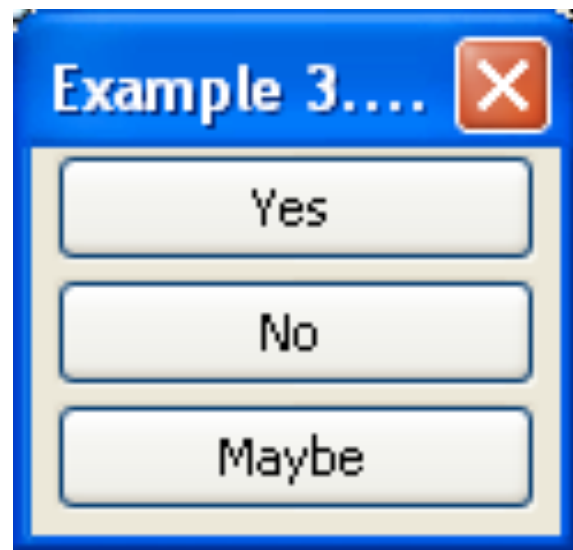
<http://www.opengeospatial.org/standards/kml/>

Interfaces xUL



Interfaces xUL

```
<?xml version="1.0"?>  
<?xml-stylesheet href="chrome://global/skin/"  
type="text/css"?>
```



```
<window id="vbox example" title="Example 3...."  
xmlns="http://www.mozilla.org/keymaster/gatekeeper/  
there.is.only.xul">  
  <vbox>  
    <button id="yes1" label="Yes"/>  
    <button id="no1" label="No"/>  
    <button id="maybe1" label="Maybe"/>  
  </vbox>  
</window>
```

Resumindo

- Linguagem de Marcação ajuda a definir estruturas e dados
- Cada linguagem possui marcadores específicos definidos através de normas
- Quanto mais simples, menor o tamanho do arquivo
- Marcadores exigem programas específicos (manipulação e visualização)