
Comic strips with \LaTeX ¹²

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Contents

1	The problem	1
2	Option 1 – Using subfigures	2
3	Option 2 – Using tabular	3
4	Option 3 – Using a graphic editor	3
5	Concluding remarks	4
6	About the author	5

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1 The problem

Sometimes, you may like to include multiple pictures side by side, like in a comic strip. Normally, `includegraphics` will put them one below the other, but that is not what you want. Here are some options you can try.

Beware, you may still run into problems of positioning floats (figures, tables, tabulars), which is a common problem in \LaTeX .

¹Texts shown in **winered** color are click-sensitive hyperlinks

²This article is a response to a query made by my student Sukanto Kole. some years ago.

2 Option 1 – Using subfigures

Putting pictures side by side can be done using the `subfigure` environment of the `subcaption` package.

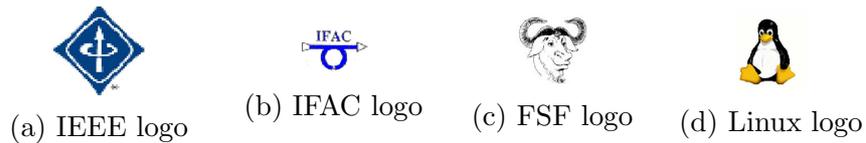


Figure 1: A figure with four subfigures

The pictures above were added in a row, using the `subcaption` package and the `subfigure` environment placed inside a `figure` environment. You can continue normal text after the `figure` environment. This option generates the Figure number and all caption numbers automatically.

3 Option 2 – Using tabular

Putting the figures under a tabular environment is a far more flexible and simpler approach. It does not need any additional special packages.



Caption #1



Caption #2



Caption #3



Caption #4

You can put a common annotation for all the subfigures. Or, you can make individual annotations. like in this example.

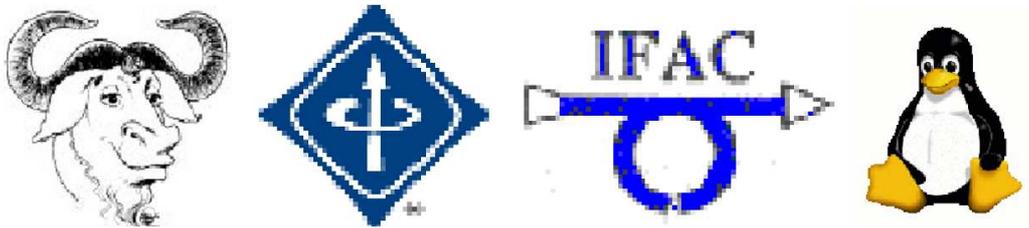
You can give individual captions, or make a common caption.

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4 Option 3 – Using a graphic editor

Use a graphic editor (I vote for GIMP) and stitch all the images side by side, to form a single composite image. Then include that composite image wherever you want.



Composite picture made by GIMP

5 Concluding remarks

This document is a part of tutorials and demonstrations documents created by the author. The entire collection can be found on the web [5].

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If you found this article useful, please send a note to drpartha@gmail.com. **As always, suggestions and constructive comments are always welcome.** The author operates by Crocker’s Rules [3], and believes in Radical Honesty [4]. So, do not hesitate to speak plainly and frankly. Do not fumble for sugar-coated language when you want to “call a spade”. Cowardly silence is not an option either.

6 About the author



Figure 2: The pensive Professor

Parthasarathy is an aggressive supporter of FOSS, based in Secunderabad, India. He teaches discrete mathematics, and preaches \LaTeX and Linux, to students of Computer Science. Almost all his publications and tutorials (made with \LaTeX) are downloadable (as pdf files) from the w-w-web. He regularly conducts workshops and tutorials on the use of \LaTeX and Linux. He would be happy to assist anyone, particularly students, teachers, and institutions, who are genuinely interested in these topics.

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