

Add and Position a Logo in Beamer

 By Admin June 3, 2021

Different methods to add and and position a logo in the front page as well as slides of Beamer presentations

Contents :

1. Add logo to all slides
2. Add logo to title page
3. Add multiple logos
4. Logo positioning in beamer

1. Add a logo to all Presentation's slides

Adding a logo in beamer can be achieved using the `\logo{}` command where we include between braces a graphic using `\includegraphics` command, or any text. It should be noted that the logo position is determined by the current theme.

Check the following code:

```
1. % Add a logo in beamer
2. \documentclass{beamer}
3.
4. % Theme choice:
5. \usetheme{AnnArbor}
```

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```

6. \usecolortheme{beaver}
7.
8. % Title page details:
9. \title{Add and Position a Logo in Beamer}
10. \author{latex-beamer.com}
11. \date{\today}
12. \logo{
13. \includegraphics[width=3cm]{Beamer-Logo.png}
14. }
15.
16. \begin{document}
17.
18. % Title page frame
19. \begin{frame}
20.   \titlepage
21. \end{frame}
22.
23. \begin{frame}{Frame Title}
24. \end{frame}
25.
26. \end{document}

```

Compiling this code yields:



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From the the previous lesson , you know how to create the above title page. In this code, we have added:

- `\usecolortheme{beaver}`: to change the theme color which will be discussed in details in the next lessons.
- Between the braces of `\logo` command, we included the image "Beamer-Logo.png" and we set its width to 3cm.

The logo will appear at the bottom right corner of each slide of this theme.

2. Logo only on title page

In this part, we will learn how to add a logo in the first page only using `\titlegraphic` command. Replacing the above `\logo` line code by the following code:

```
1. % Logo only on title page
```

```
2. \titlegraphic{
3.     \includegraphics[width=2cm]{TeX.png}
4. }
```

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we get the following output:

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Navigation icons: back, forward, search, etc.

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1 / 1

Download the logo image and try the above code.

3. Include multiple logos in Beamer

Adding multiple logos can be done by including multiple images using `\includegraphics` command. We can add spacing between logos using `\hspace` command. Here is an illustrative example:

```
1. % Multiple logos
2. \titlegraphic{
3.     \includegraphics[width=2cm]{TeX.png}
4.     \hspace{2cm}
5.     \includegraphics[width=2cm]{TeX.png}
```

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```

6.     \hspace{2cm}
7.     \includegraphics[width=2cm]{TeX.png}
8.     }

```

which yields the following title page:

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4. Logo positioning in Beamer

To position our logo at any place of the title page (or slides in general), we will use TikZ package. Here is the steps that we should follow:

- Use `\logo{}` command if we would like to add the logo to all slides or `\titlegraphic{}` command to display it only on the title page.
- Create a tikzpicture environment inside one of the above commands (`\logo{}` or `\titlegraphic{}`)
- Create a node image and position it with respect to the current slide.

Here is an example of top right logo positioning in Beamer:

Copy

```
1. % Position a logo in beamer
2. \documentclass{beamer}
3.
4. % Theme choice:
5. \usetheme{AnnArbor}
6. \usecolortheme{beaver}
7.
8. % Title page details:
9. \title{Add and Position a Logo in Beamer}
10. \author{latex-beamer.com}
11. \date{\today}
12.
13. % Load TikZ
14. \usepackage{tikz}
15. \titlegraphic {
16. \begin{tikzpicture}[overlay,remember picture]
17. \node[left=0.2cm] at (current page.30){
18.     \includegraphics[width=3cm]{Beamer-Logo}
19. };
20. \end{tikzpicture}
21. }
22.
23. \begin{document}
24.
25. % Title page frame
26. \begin{frame}
27.     \titlepage
28. \end{frame}
29.
30. \end{document}
```

Compiling this code yields the following result:

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Comments:

- tikzpicture environment has the following parameters: `overlay` and `remember picture` which are used to create an overlay above the current slide (title page).
- a node is created using `\node` command which is positioned at 0.2cm left of the coordinate (`current page.30`). The latter corresponds to the border point that makes 30 degrees from the horizontal line passing through the center of the slide, check the following illustration:

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30 degrees

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Here is an example of top left logo positioning in Beamer:

```

1. % Top left Position of a logo in beamer
2. \titlegraphic {
3. \begin{tikzpicture}[overlay,remember picture]
4. \node[right=0.2cm] at (current page.150){
5.     \includegraphics[width=3cm]{Beamer-Logo}
6. };
7. \end{tikzpicture}
8. }
    
```

Copy

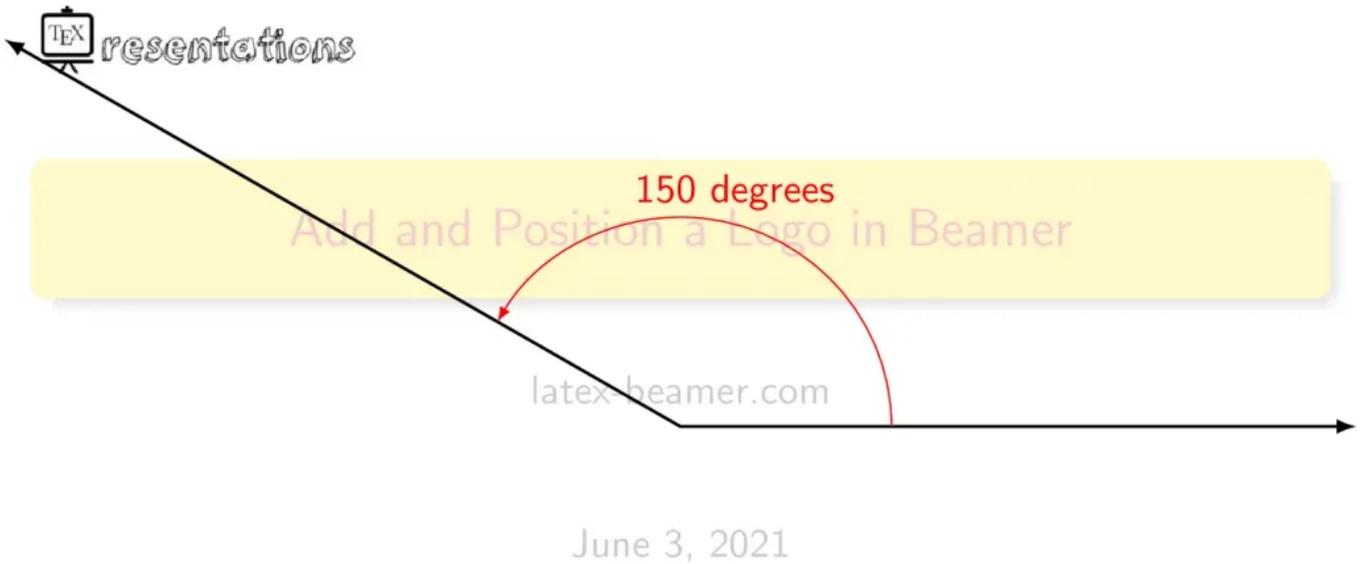
Replacing these line codes in the above code yields to:

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where the logo is positioned at 0.2 cm right of the point with coordinates (current page.150), highlighted by the following illustration:



Here is another example of top left and top right logo positioning in Beamer:

```
1. % Top left and top right Position of a logo in beamer
2. \titlegraphic {
3. \begin{tikzpicture}[overlay,remember picture]
4. \node[right=0.2cm] at (current page.150){
5.     \includegraphics[width=3cm]{Beamer-Logo}
6. \node[left=0.2cm] at (current page.30){
7.     \includegraphics[width=3cm]{Beamer-Logo}
8. };
9. \end{tikzpicture}
10. }
```

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The above code combines the previous line codes and here is the obtained title page:

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We have chosen 30 degrees and 150 degrees, you can choose any value to get the coordinates of the slide border, then use right or left parameters with desired distances to properly position your logo!

Summary

- In this lesson, we have learned how to add a logo to the title page of our beamer illustration as well as different slides using `\logo{}` or `\titlegraphic{}` commands.
- Moreover, we learned how to position at any coordinate of the title page. This includes top right positioning, top left positioning and multiple logos (top right and top left).

Next Lesson: 03 Create a Table of Contents in Beamer

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