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How would I write a VBA macro in Microsoft PowerPoint to align an image in the middle and center of the slide?

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3 Answers



Alex Reed, Senior Data Science Analyst (2018-present)

Answered Feb 16, 2019

If you treat the **object as a shape range**, then you leverage some built-in methods that will center it for you.

In this example, I assume you are talking about the current shape selection.

```
1 Sub CenterShapeOnSlide()  
2 'Set the dimensions of the selected shape in my ACTIVE WINDOW  
3 With Application.ActiveWindow.Selection.ShapeRange  
4 .Align msoAlignCenters, True  
5 .Align msoAlignMiddles, True  
6 End With  
7 End Sub
```

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side of the slide. The second parameter specifies **if you want it aligned to the shapes you have selected or you want it aligned to the slide**. Set it to True if you want it to the slide.

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David Markmann, Business Owner (2015-present)

Answered Oct 2, 2017 · Author has **187** answers and **95.8k** answer views

Only something like this I usually just Google the essence of the question and then evaluate the answers.

“VBA macro in Microsoft PowerPoint to align an image in the middle”

I find some site have the best answers and in particular StackOverflow.

Try this link as a starting point.

[Positioning images on slides in PowerPoint 2007 using vba](#)

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Herrick Andrews, Six Sigma Master Black Belt at RYTEway, Incorporated (1988-present)

Updated Oct 15, 2017 · Author has **347** answers and **117.9k** answer views

Here is the code that I use to Center an image on a PowerPoint slide:

```
1 Sub CenterImageOnSlide(img As Image)
2
3 Dim cSlideHeight As Long
4 Dim cSlideWidth As Long
5 Dim cImgHeight As Long
6 Dim cImgWidth As Long
7 Dim cNewX As Double
8 Dim cNewY As Double
9
10 cSlideWidth = ActivePresentation.PageSetup.SlideWidth
11 cSlideHeight = ActivePresentation.PageSetup.SlideHeight
12 cImgWidth = img.Width
13 cImgHeight = img.Height
14 cNewX = cSlideWidth / 2 - cImgWidth / 2
15 cNewY = cSlideHeight / 2 - cImgHeight / 2
16
17 img.Left = cNewX
18 img.Top = cNewY
19 End Sub
```

Here's an example of how I call it, with an image on slide 1 that is named imgBoat. If you don't know the name of the image, right click it in Powerpoint and then choose property sheet from the popup menu.

```
1 Sub TestCenter()
2 CenterImageOnSlide Slide1.imgBoat
3 End Sub
```

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