

Generate PowerPoint slides in R

A new R package "officer" makes generating PowerPoint slides in R much easier. It is newly developed and still has bugs. But there are ways to get around the bugs. I believe the developer of the package will fix bugs quickly.

First, you have to install the package before using it.

```
install.packages("officer")
```

Second, use the examples in the [GitHub site](#) and other sites as the start point to create your own PowerPoint slide. I found this site (<http://lenkief.com/2017/09/23/crafting-a-powerpoint-presentation-with-r/>) is really useful.

Third, get around bugs. When I used it to automate the generation of PowerPoint slides, I found that all slides with images inserted did not work at all. After PowerPoint files were generated, they cannot be open correctly. Always popup error message and let you "repair" the presentations. I searched several hours and did not get any useful information. However, I visited "officer" package's GitHub page and found a hit in bug submitting area. The reason popping up error message is a bug in the program. All image filenames cannot include "SPACE", otherwise, you get error.

So, I went ahead and changed my program to make sure there is no "space"s in any image filenames. Waah-lah, it works great.

Another useful point is the slide size. If you want to insert an image to occupy the whole 9:16 widescreen slide, you should use the following parameters:

```
left = 0.0  
top = 0.0  
width = 40.0/3.0  
height = 7.
```

Use this set of parameters in `ph_with_img_at` function, you can guarantee inserted images take the whole slide.

Enjoying to use the package. Thank the developer sharing the wonderful art of work with us.