Read From PowerPoint Table in Python?

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I am using the python pptx module to automatically update values in a powerpoint file. I am able to extract all the text in the file using the code below:

```python
from pptx import Presentation
prs = Presentation(path_to_presentation)
# text_runs will be populated with a list of strings,
# one for each text run in presentation
text_runs = []
for slide in prs.slides:
    for shape in slide.shapes:
        if not shape.has_text_frame:
            continue
        for paragraph in shape.text_frame.paragraphs:
            for run in paragraph.runs:
                text_runs.append(run.text)
```

This code will extract all the text in a file but fails to extract text that is in a ppt table and I would like to update some of these values. I have tried to implement some code from this question: [Reading text values in a PowerPoint table using pptx?](#) but could not. Any Ideas? Thanks.

python   powerpoint

2 Answers

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Your code will miss more text than just tables; it won't see text in shapes that are part of groups, for example.

For tables, you'll need to do a couple things:

Test the shape to see if the shape's .HasTable property is true. If so, you can work with the shape's .Table object to extract the text. Conceptually, and very aircode:

```
tbl.cell(r,c).Shape.Textframe.Text ' is what you're after
```

answered Jan 8 '15 at 17:13

Steve Rindsberg

11.7k 1 22 31

Forgot to mention: it may get more complex if you have tables within placeholders. Shout if you need help with that one. – Steve Rindsberg Jan 9 '15 at 3:36

I am trying to use this solution but it does not work for me. It says `count` attribute is not available. – chintan s Jan 29 '19 at 10:41

@chintans Please post the code that you're using, indicate the line where you get this error and mention what sort of object the code is working on at that point. – Steve Rindsberg Jan 29 '19 at 15:15

Thank you, here is the link to my question with code stackoverflow.com/questions/54419118/... – chintan s Jan 29 '19 at 16:26

This works for me:

```python
def access_table():
        slide = prs.slides[0] #first slide
        table = slide.shapes[2].table # maybe 0..n
        for r in table.rows:
                s = ""
                for c in r.cells:
                        s += c.text_frame.text + " | "
                        #to write
                        #c.text_frame.text = "example"
                print s
```

answered Dec 13 '16 at 18:13

German Lopez

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