

# NEW POST

[waylonwalker.com/apst](http://waylonwalker.com/apst)

automate  
post  
starter



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# Automating Mundane tasks with a hot and fast cli



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*start the script new-post*

```
#!/python  
# new-post
```

Works on my machine,  
beware of the ability  
to share scripts with  
#!/python



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*set the title*

```
import sys
```

```
title = sys.argv[1].title()
```

Use `sys.argv` to get the first  
argument passed in from the  
command line



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*set the slug*

```
slug = title.lower().replace(" ", "-").replace("_", "-")
```

Create a "slug" aka "route" for the  
post by tweaking the title



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*parse the tags*

```
args = ''.join(sys.argv[1:])  
tags = []  
  
if 'py' in args:  
    tags.append('python')  
  
if 'web' in args:  
    tags.append('webdev')  
  
if 'blog' in args:  
    tags.append('blog')  
  
if 'data' in args:  
    tags.append('data')
```

Tag the post by  
looking for common  
words in the title  
or any additional  
arguments.



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*create the markdown*

```
import datetime

frontmatter = f"""---
templateKey: blog-post
tags: {tags}
title: {title}
date: {datetime.date.today().strftime('%Y-%m-%dT%H:%M:%S')}
status: draft
description: ''
cover: "/static/{slug}.png"

---

"""
```

Use f-strings to  
fill in variables  
that we have defined  
along with the date



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*custom error*

```
class PostExistsError(FileExistsError):  
    pass
```

Create a custom Error as it  
makes any issues more easily  
understood



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### *setup paths*

```
directory = pathlib.Path(__file__).parent
path = pathlib.Path(f"{directory}/src/pages/blog/{slug}.md")

if path.exists():
    raise PostExistsError(f"Post Already exists at {path}")
```

## Setup paths with pathlib

### *write the file*

```
with open(path, "w+") as f:
    f.write(frontmatter)
```

Then write the initial file



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`git add`

```
gadd = subprocess.Popen(  
    f'cd {directory} && git add {str(path).replace(str(directory) + "/", "")} ',  
    shell=True,  
)  
gadd.wait()
```

Use the subprocess module to  
add the file to git



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*open post in neovim*

```
nvim = subprocess.Popen(  
    f'cd {directory} && nvim +12 +star {str(path).replace(str(directory) + "/",  
    shell=True,  
)  
nvim.wait()
```

Open the file in vim, go to the  
end of the file, and go to  
insert mode.



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```
alias np=~/.git/waylonwalkerv2/new-post
```

Create a shell alias for  
creating new posts super fast



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```
np "automating my posts" python
```

Use it to create a new post



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# full POST

[waylonwalker.com/apst](http://waylonwalker.com/apst)



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