

Using Markdown for Technical Documentation

Shao-Ching Huang

Nov 12, 2020

Introduction

Plain text-like format is good

- Permanent preservation
- Version control friendly

Considerations

- text-based
- pdf output
- Math typing: **red** This should be black again.
- Minimum maintenance

Python code example:

```
import os, glob
fl = glob.glob("*.cpp")
print(fl)
```

Julia code example

Julia code example:

```
using LinearAlgebra
```

```
A = [1, 2, 3, 4]
```

```
B = A'
```

Cite references

- This is paper 1 (Greengard and Rokhlin 1987)
- Show just the year:
 - This paper by Waston and Crick (1953)

References

- Greengard, Leslie, and Vladimir Rokhlin. 1987. “A Fast Algorithm for Particle Simulations.” *Journal of Computational Physics* 73 (2): 325–48.
- Watson, James D, and Francis HC Crick. 1953. “Molecular Structure of Nucleic Acids: A Structure for Deoxyribose Nucleic Acid.” *Nature* 171 (4356): 737–38.