

## Notes for Presentation

### Units example

Darcy Weisbach example:

Laminar flow in a pipe.

$(128 / \pi) 20 \text{ m} (10000 \text{ ft}^3 / \text{min}) 0.01676 \text{ cP} / (7.5 \text{ in})^4$

### GNU Parallel example:

list of energyplus idf files

```
parallel echo energyplus.exe '{}' < energyplus_files.txt
```

### Markdown Example:

- Type through example syntax
  - Headings
  - italics and bold
  - links
  - numbered lists
  - Bulleted lists
  - Figures
  - Tables
  - Mathematics
- Show docx template
- Compile to docx
- Compile to html

### EnergyPlus example:

- Show geometry in Excel
- Show the RTU information in Excel
- Show template of RTUs
- excelchop example

```
excelchop -w RTUs -r 3:A:P geometry-calculations-SI.xlsx | template-fill.awk  
templates/RTUs.idf
```

- Show idf and includes statements and ECMs
- Show Makefile, including where the RTU part and weather parts are
- Run in parallel