Ashton Fire

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Task / Solution

- Task: FDS file reader, output summary
- Solution: Simple Python cmd line program

Code / Demo

- Attempted use of Python open-source fds reader code
- Own design: OO data structure extensible and encapsulation
- Structure:
 - Define OO data types
 - Read file into 'blocks' (line by line)
 - Parse parameters and instantiate data objects

Issues / Improvements

- Given more time, use open source parser why didn't this work?
- Assumptions about data format: block attributes
- Resorted to regex due to multiple uses of ',' delimiter
- (Needed to know more about data format)
- More options, other calculations easily added to OO structure
- Simplest iteration could be used to further elucidate requirements