Bruno Bodin

YSC2227: INTRO TO C

week 05.1.standardio (auto-generated)

STANDARD I/O

- · `stdin` for standard input
- · `stdout` for standard output
- · `stderr` for standard error
- · They are all `FILE*`

- `printf( <whatever> )`
- `fprintf(stdout, <whatever> )`

USING STDERR

- `fprintf(stderr, <whatever> )`
- `./myprogram > file.txt`
- `./myprogram 2> file.txt`
- `./myprogram 1> file.txt`

USING STDIN

- `fscanf(stdin, <whatever> )`
- Can use `cat` to feed the program, or manually typing text.
- Example:

```c
#include <stdio.h>
int main () {
  int N;
  fscanf(stdin, "%d", &N);
  printf("%d\n", N+1);
}
```

KEY POINTS

REFERENCES

- cook and magician:
  https://pixabay.com/en/users/graphicmama-team-2641041/