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System programing Project

Architecture

main.py: Solve the argument input

class-Assembler: Slove preproscessing data, split control section and IO control

class-Section: Solve all instrucitons and change instructions to obj code

solve_literal

• sorting_block

• set_symbol

set_location

• set_exdef_location

• sorting_index

• generate_object_code

class-Modification_record: Store modification record

class-Instruction: Store each instruciton

Learned and Experienced

Great architecture can help you write great code. Remember to commit the code.

More than the Required

Basic requirement
Literals
Symbol-defining Statements
Program Blocks
Control Sections

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