

ComputingProcess
<ul style="list-style-type: none"> <li>- possible_operators: list[str]</li> <li>- expression: str</li> <li>- operator: str</li> <li>- operands: list[int]</li> </ul>
<ul style="list-style-type: none"> <li>+ expression: str</li> <li>+ init(pid: int, expression: str)</li> <li>+ execute()</li> <li>+ str()</li> </ul>

Menu
<ul style="list-style-type: none"> <li>- pool</li> </ul>
<ul style="list-style-type: none"> <li>+ init(pool: Pool)</li> <li>+ show_options()</li> <li>+ get_option(): int</li> <li>+ get_process_type(): str</li> <li>+ exec_option(option: int)</li> <li>+ run()</li> <li>+ clear_terminal()</li> </ul>

Pool
<ul style="list-style-type: none"> <li>- queue: list[Process]</li> </ul>
<ul style="list-style-type: none"> <li>+ __init__(queue: list[Process] = [])</li> <li>+ add_process(process: Process)</li> <li>+ new_process(process_type: str, expression: str   None = None)</li> <li>+ run_next()</li> <li>+ run_process(pid: int)</li> <li>+ save_state()</li> <li>+ load_state()</li> </ul>

PrintingProcess
<ul style="list-style-type: none"> <li>- processes_pool: list[Process]</li> </ul>
<ul style="list-style-type: none"> <li>+ __init__(pid: int, processes_pool: list[Process])</li> <li>+ execute()</li> <li>+ __str__()</li> </ul>

Process
<ul style="list-style-type: none"> <li>- pid: int</li> </ul>
<ul style="list-style-type: none"> <li>+ __init__(pid: int)</li> <li>+ pid: int</li> <li>+ execute()</li> </ul>

ReadingProcess
<ul style="list-style-type: none"> <li>- processes_pool: list[Process]</li> </ul>
<ul style="list-style-type: none"> <li>+ __init__(self, pid: int, pool: Pool)</li> <li>+ execute()</li> <li>+ __str__()</li> </ul>

WritingProcess
<ul style="list-style-type: none"> <li>- expression: str</li> </ul>
<ul style="list-style-type: none"> <li>+ __init__(pid: int, expression: str)</li> <li>+ expression: str</li> <li>+ execute()</li> <li>+ __str__()</li> </ul>