## **SWIM** Front end Back end Save Load Execute Sends the code for Convert the Programming execution or parsing fol instructions to done through bytecode any errors MIPS ASM Parser/ Monaco Editor **Emulation Core** File Assembler If any errors are detected, then they're shown here I/O Window With each line being executed, the results of that line being processed is displayed through the register window or visualization of the data path. Registers Window / Datapath User's Local User's Monitor Visualization Storage