

Minishell Heredoc Checklist

This checklist outlines the implementation requirements for handling here-document (<<) redirections

in Minishell. A heredoc allows multi-line input until a delimiter is reached, optionally with variable expansion.

- [] Detect << token during parsing
- [] Store delimiter in t_infile
- [] Create heredoc input handler (e.g., handle_heredoc())
- [] Open pipe or temporary file to store heredoc input
- [] Read user input line-by-line until delimiter is matched
 - [] Do not expand variables if delimiter is quoted
 - [] Expand \$VAR if delimiter is unquoted
 - [] Handle edge cases like empty delimiter or EOF
- [] Ignore heredoc input in command history
- [] Handle SIGINT (Ctrl-C) during heredoc input
 - [] Abort heredoc cleanly without crashing
 - [] Restore shell prompt afterward
- [] Connect heredoc output to STDIN of target command
- [] Free heredoc input on exit or error
- [] Delete temp files if used, after command execution
- [] Ensure heredoc works in combination with pipes and logic operators

Use this checklist to build a stable and spec-compliant heredoc implementation.