Custom-Shell-in-C

This project implements a simple custom shell in C, providing basic functionalities for executing commands, file redirection, and managing directories. The shell allows users to interact with the system in a

```
minimal environment.
## Features
- Execute basic commands like `ls`, `cat`, etc.
- Change directories using the `cd` command, including support for
returning to the previous directory ('cd -').
- Input and output redirection with `<`, `>`, and `>>`.
- Display a help menu with the `help` command.
- Exit the shell with the `exit` command.
## Files
### Source Files
- `shell.c`: The main source file implementing the custom shell.
### Makefile
- Used to compile and build the project.
## Compilation
To compile the project, use the provided Makefile:
```bash
make
Run the Shell
To run the project, use the provided:
```bash
./custom shell
```

Process tree

Process tree showing where the custom shell has created child processes.:

![Alt Text] (images/tree.png)

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