



# ALBANESE LAB

## SOFTWARE ENGINEERING

## KP (KeePass Version 1)

This project is a reimplementation of *kpcli* with a few additional features thrown in. It provides a shell-like interface for navigating a keepass database and manipulating entries.

Features, such as `search` have been added.

## Usage

## Program Shell

```
/ > help
```

Commands:

attach	attach <get show delete> <entry> <filesystem location>
cd	cd <path>
clear	clear the screen
edit	edit <entry>
exit	exit the program
help	display help
ls	ls [path]
mkdir	mkdir <group name>
mv	mv <source> <destination>
new	new <path>
pwd	pwd
rm	rm <entry>
save	save
saveas	saveas <file.kdb> [file.key]
search	search <term>
select	select [-f] <entry>
show	show [-f] <entry>
version	version
xp	xp <entry>
xu	xu
xw	xw
xx	xx

Running a command with the argument `help` will display a more detailed usage message

```
/ > attach help

manages the attachment for a given entry

Commands:
  create      attach create <entry> <name> <filesystem location>
  details     attach details <entry>
  get         attach get <entry> <filesystem location>
```

## Command-line

```
Usage of kp:
  -db string
      the db to open
  -key string
      a key file to use to unlock the db
  -n string
      execute a given command and exit
  -version
      print version and exit
```

## Overview

There are two main components, the shell and the libraries that interact with the database directly. The shell interfaces with the database through those abstractions. The shell works by having individual files for each command which are strung together in `main.go`.

## License

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