



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:

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

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`.

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