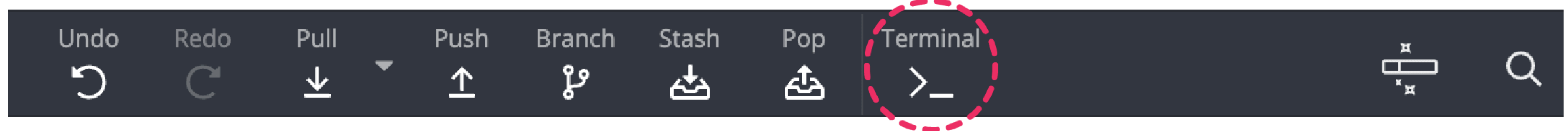# GitKraken CLI Cheat Sheet

A powerful Git-enhanced terminal with repo visualization

GitKraken CLI, included in GitKraken Client, delivers a revolutionary "keyboard-first" Git-enhanced terminal experience to help you drive Git faster. Popular Git visualizations that GitKraken Client is known for—like the commit graph—appear when you need them, and the powerful auto-suggest and auto-complete features help you leverage (and learn) Git faster, with fewer mistakes.

Open the GitKraken Terminal

To get started open up a repository and click the terminal button in the toolbar in GitKraken Client.
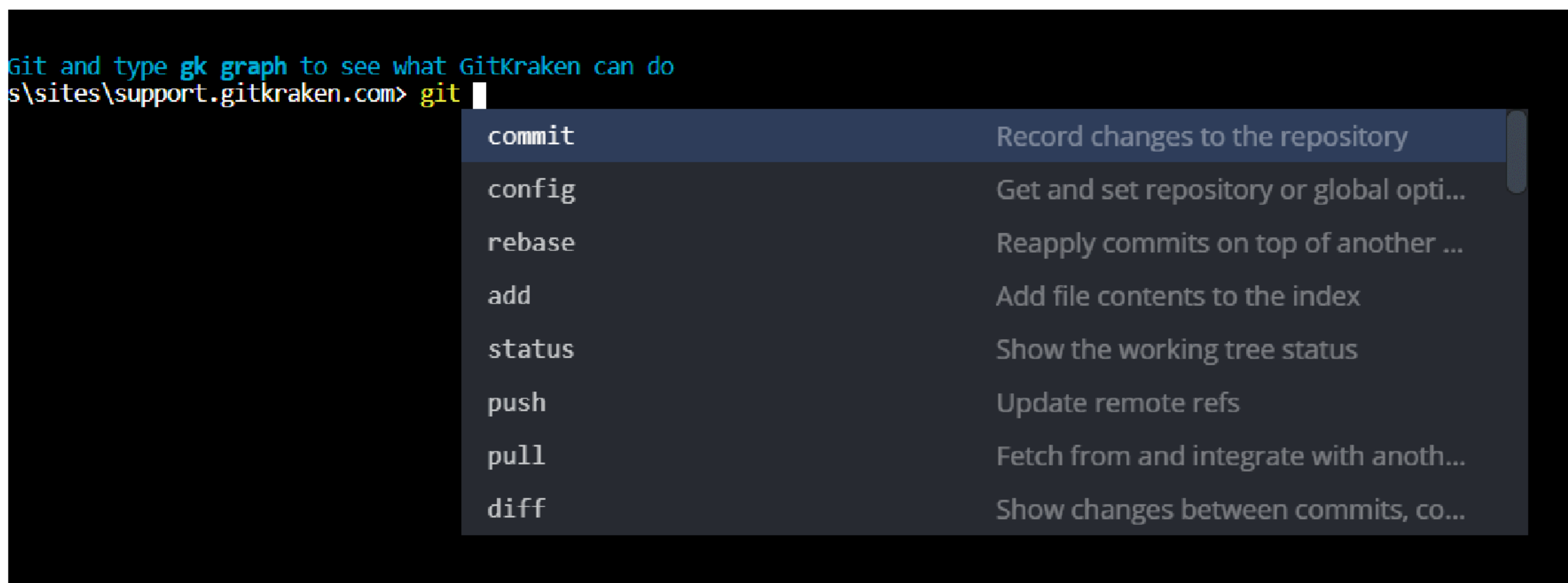

Terminal tabs can also be opened by:
- Clicking the "New Terminal Tab" button in a new tab.
- Using the keyboard shortcut `Ctrl/Cmd + T` when inside a terminal tab. This opens a duplicate tab.
- Opening the Command Palette `Ctrl/Cmd + P` and searching for "terminal".
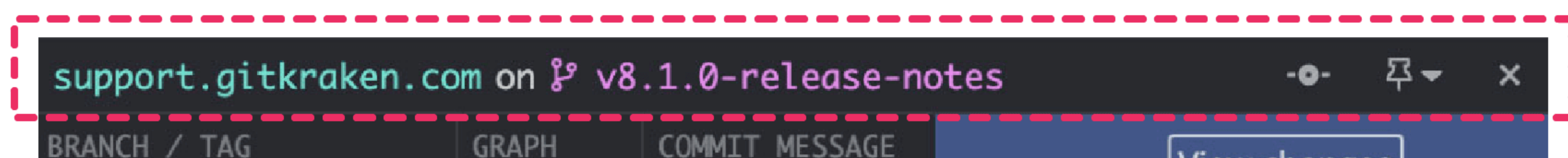
Auto-complete Git Commands

Most Git commands are supported and will appear in the auto-suggest options list. To see them, start typing `git`. Auto-suggestions will also appear for flags.

You can either mouse click on the desired suggestion or use the arrow keys to highlight the selection and hit enter to auto-complete the command.

Terminal Toolbar

A toolbar above the panel will display the current repo name, branch, tag, and number of changes pending to pull/push. Clicking this toolbar will also toggle the panel on/off as well as re-orient the panel to the top, bottom, left, or right. You can also toggle the right-side commit panel using the visualization panel toolbar.
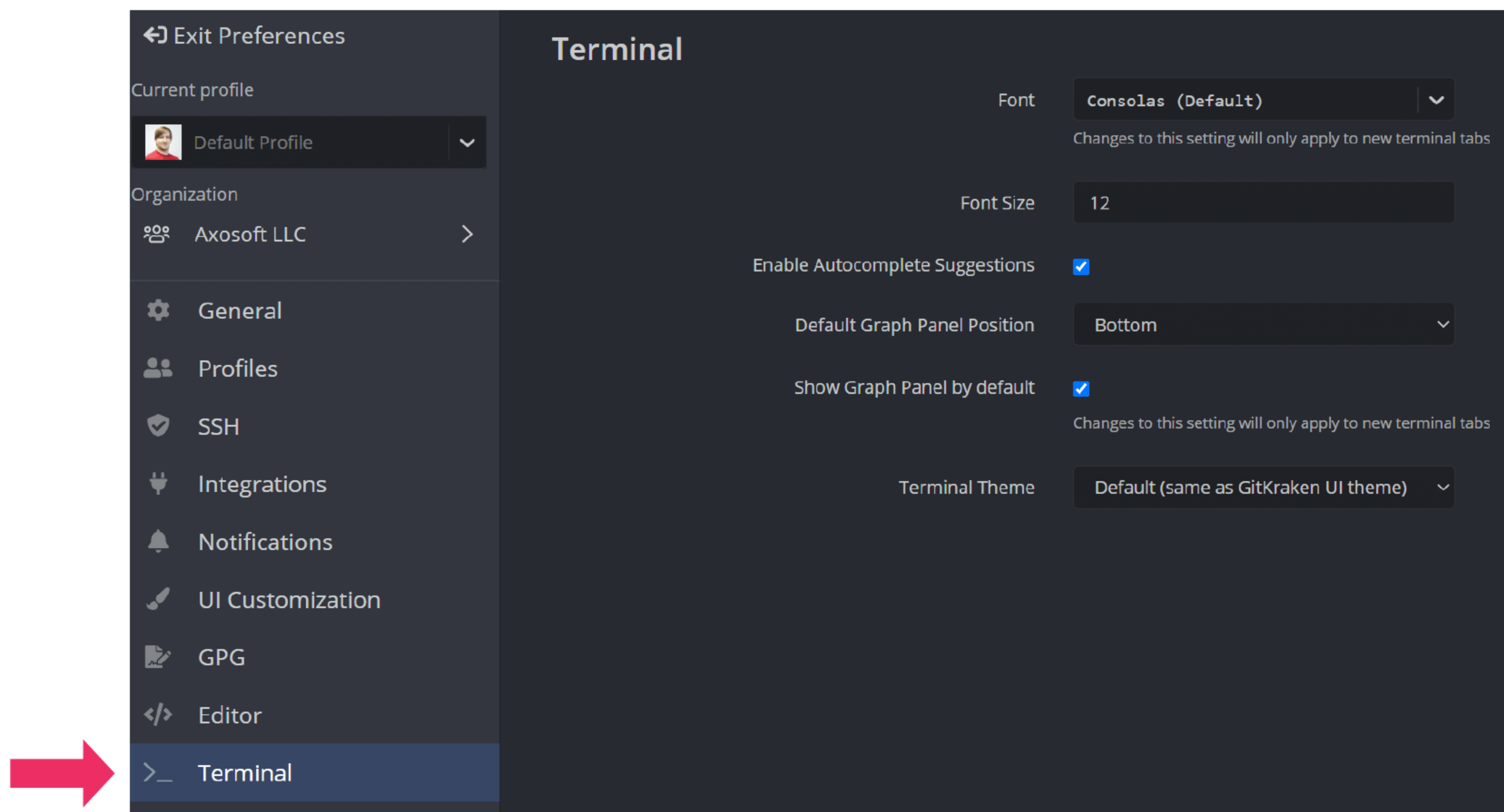

Leverage the Full Power of Git

Visit **GitKraken.com/Learn/Git** to learn how to perform Git actions using the powerful GitKraken CLI, included in GitKraken Client for free.

Download GitKraken Client for Free

Terminal Preferences

Open preferences by clicking the ⚙ and select "Terminal" from the left hand menu. Users can modify:

- Font choice - changes to this setting will only apply in new Terminal Tabs
- Font size
- Enable auto-complete & auto-suggest
- Default the visualization panel position when opening a new panel: top, right, bottom, or left
- Show the visualization panel by default - this will apply only when opening new tabs
- Terminal theme

GitKraken CLI Commands

Different views can be accessed using the `gk` CLI commands:

```
gk panel
```

Toggles the visualization panel open/close.

```
gk panel top
gk panel bottom
gk panel left
gk panel right
```

Reposition the visualization panel to the top, bottom, left or right.

```
gk graph
```

Shows the graph view. Similar to `gk panel`, but will return to the graph if you're in a different view.

```
gk history
```

Opens the history panel for a specific file. Auto-suggest will populate with a list of files in the current directory and subfolders.

```
gk blame
```

Opens the blame panel for a specific file. Auto-suggest will populate with a list of files in the current directory and subfolders.

```
gk diff
```

Shows changes between commits. If no SHAs are provided, it will use your WIP and HEAD. If only one SHA is provided, it will be compared with HEAD.

```
gk -h
gk --help
```

Shows the list of possible `gk` commands. The `-h` flag can be added after any `gk` command for additional information.

Make Git Work *for* You

GitKraken Client enables you to harness the full power of Git with its Git-enhanced terminal and repo visualizations!

Download GitKraken Client for Free