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sourceclair / xterm.js

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<> Code

Issues98

Pull requests7

Projects0

Insights

Full xterm terminal, in your browser

http://xtermjs.org/

xterm

javascript

cjk

terminal-emulators

terminal

development

tty

console

1,235 commits

3 branches

53 releases

47 contributors

MIT

Features

- **Text-based application support:** Use xterm.js to work with applications like `bash` , `git` etc.
- **Curses-based application support:** Use xterm.js to work with applications like `vim` , `tmux` etc.
- **Mouse events support:** Xterm.js captures mouse events like click and scroll and passes them to the terminal's back-end controlling process
- **CJK (Chinese, Japanese, Korean) character support:** Xterm.js renders CJK characters seamlessly
- **IME support:** Insert international (including CJK) characters using IME input with your keyboard
- **Self-contained library:** Xterm.js works on its own. It does not require any external libraries like jQuery or React to work
- **Modular, event-based API:** Lets you build addons and themes with ease

What xterm.js is not

- Xterm.js is not a terminal application that you can download and use on your computer
- Xterm.js is not `bash` . Xterm.js can be connected to processes like `bash` and let you interact with them (provide input, receive output)

Real-world uses

Xterm.js is used in several world-class applications to provide great terminal experiences.

- **SourceLair:** In-browser IDE that provides its users with fully-featured Linux terminals based on xterm.js
- **Microsoft Visual Studio Code:** Modern, versatile and powerful open source code editor that provides an integrated terminal based on xterm.js
- **ttyd:** A command-line tool for sharing terminal over the web, with fully-featured terminal emulation based on xterm.js
- **Katacoda:** Katacoda is an Interactive Learning Platform for software developers, covering the latest Cloud Native technologies.
- **Eclipse Che:** Developer workspace server, cloud IDE, and Eclipse next-generation IDE.