Context:										
Recent discussion - https://github.com/mintf	y/mintty/issues/881									
Older discussion — https://gitlab.freedesktop Query to neovim — https://github.com/neovin	org/terminal-wg/specifications/-/issues/8 /inervim/issues/12260									
Query to fish https://github.com/fish-shell/f	sh-shell/issues/6984									
Query to irssi - https://github.com/irssi/irssi/i	3sues/1190									
Query to weekchat — https://github.com/wee Feature	hat/weechat/issues/1495 Notes									
Feature	Notes There are various control sequences that people might think of as 24-bit color.	tmux neovim emacs irssi w	eechat matextshelrs suggest	tor it just seems important						
	There are various control sequences that people might think of as 24-bit color.									
	Linux-proprietary: OSC P nrrggbb ST									
	Change color table: OSC 4 <index>;rgb:<redhex>/<greenhex>/<bluehex></bluehex></greenhex></redhex></index>									
	V SGR 38 variants:									
	Spec says: CSI 38:2:[color space]:[red]:[green]:[blue]:[unused]:[tolerance]:[tolerance colorspace]									
	CSI 36:2:[color space]:[red]:[green]:[olue]:[unused]:[tolerance]:[tolerance colorspace] m									
	These forms may be found in the wild:									
	CSI 38:2:[red]:[green]:[blue]:[unused]:[tolerance]:[tolerance colorspace] m CSI 38;2:[red];[green];[blue] m									
	CSI 38:2:[red]:[green]:[blue] m									
	CSI 38:2:[colorspace]:[red]:[green]:[blue] m CSI 38:2:[colorspace]:[red]:[green]:[blue]: <extra args="" ignored=""> m</extra>									
24-bit color	TODO: Should we require terminals to implement a particular variant?	v	~							
	Should we have a separate flag for read vs write? Any security implications to advertising clipboard reading? Consider high pri because it's expensive when									
OSC 52 (clipboard access)	sending a lot of data to clipboard	v =								
	High pri if not ubiquitous, but I think it's ubiquitous these days. CSI 38;5;N m where N									
256 colors	is 0-255	~	~							
	nicm considers this high pri. TODO: Define which esclest tests must be passed by									
DECSLRM (set left right margins)	conforming implementations. There are a "lot" of them.	v								
High priority										
	Terminals implement any combination of these:									
	DECSET 9 - X10_MOUSE									
	DECSET 1000									
	DECSET 1001 — V1200_HIGHLIGHT_MOUSE DECSET 1002 — BTN EVENT MOUSE									
	DECSET 1003 - ANY EVENT MOUSE									
	// DECSET 1004 not included here; see focus reporting elsewhere DECSET 1005 — EXT_MODE_MOUSE									
	DECSET 1005 - EXT_MODE_MODSE DECSET 1006 - SGR_EXT_MODE_MOUSE									
	DECSET 1015 — URXVT_EXT_MODE_MOUSE									
	DECSET 1007 — ALTERNATE_SCROLL									
SGR mouse and the other mouse options	TODO: Link to a precise definition of each.	v =								
	Not Linux kernel. Any other counterexamples? @nicm considers this high pri. I'm									
UTF-8 support is "good"	waiting to be persuaded that you can't already check for this by seeing if TERM=linux		~							
	This is frequently requested (per nicm and textshell); mostly apps want to know which options they have available for UX purposes.									
	Report if you support block, underline, bar. I don't think we need to worry about									
DECSCUSR (cursor shape)	blinking? TODO: Are there further extensions to consider?	v =								
	@nicm considers this high pri. I think it's pretty straightforward: how many cells does the cursor advance when a character in east asian widths marked as ambiguous is									
Ambiguous is fullwidth	the cursor advance when a character in east asian widths marked as ambiguous is printed?									
Low priority	- Contract									
DECFRA (fill rectangle)	Can't change color to default bg color. Consider adding an extension in the future?	v								
Unprioritized										
	This tells you which emoji are safe to use. It's not a complete answer to wowidth									
Unicode version	problems, but it will solve a number of problems.									
	A conforming implementation would support: CSI 22 t — save title on stack									
	CSI 23 t — restore title from stack									
	OSC 0 — set window & icon title OSC 1 — set icon label									
	OSC 1 — set icon label OSC 2 — set window title									
Title setting & stack	We could specify a set of esctest tests to pass, but terminals should have freedom to define "icon title" in some reasonable way.	v 1								
overline (SGR 53)		V 8								
underline (SGR 53) underline styles and colours (SGR 4 and 58)		V 0								
strikethrough (SGR 9)		v								
bracketed paste (SM 2004)		v								
focus reporting (SM 1004)		v .								
synchronized updates (DCS =1 and =2)		v								
mintty's alternate escape sequence (SM 7727)										
OSC 7 (cwd)		/								
OSC 9 (notifications)										
Sixel				v						
CSI ? 6 n (DECXCPR - report cursor positio	textshell uses this because CPR's report could be confused with a keystroke (which h) keystroke?)		~							
control (beoxon in = report cursor positio	in nayanana i j		V							
	printf 'abc\033[42m\033[0K\033[44m\033[4C\033[0K\033[0m\n' should show some									
Can change bg color of a subrange of unset	eligreen		~ -							
TODO: https://github.com/neovim/neovim/blob/50	ef952983dba09b160d2e910d3842364502d7c/src/nvim/tui/tui.c#L1528									