

Text Editing Features

- Disk based text editing – supports **editing of large 4GB+ files**, minimum RAM used
- Configurable tab options (multiple tabstop values, use spaces instead of tabs, etc.)
- Tab/word wrap options **based on file type/extension**
- Insert/overstrike mode with caret and status bar indication
- Paragraph alignment
 - Left, center, right, fill (for fixed pitch fonts)
 - Reformat paragraph (cleans up and beautifies text)
 - Line spacing support for single, 1.5 and double spacing
- Drag-and-drop editing
- Shift + double click to highlight all occurrences of selected word
- Line Change Indicator (optional) in margin
 - Saved changes are indicated in green
 - Unsaved changes are indicated in red
 - Configurable colors of Line Change Indicator
- Auto-indent wrapped lines
- Support for extremely long lines (up to 20,000 characters before wrap is added)
- Home key positions at first non-space, then first character
- IntelliMouse scrolling support
- **Unicode/UTF-8 editing support**
- Save selection as separate file
- Revert to saved (refresh active file)
- Favorite files list (stores up to 50 of your favorite files)
- Recent files list (up to 32 recent files)
- Make a copy/backup of active file
- Rename active file
- Delete active file
- Zoom in or out on text with Ctrl + Mouse scroll wheel
- Active line and active column highlighting

- Optionally display spaces, tabs, and line breaks
- Toggle line numbers and column ruler
- Set UltraEdit to "Always on Top" to always keep it on top of other windows
- Full screen mode to maximize editing space
- Column mode (Alt + C) to make columnar/block selections
- Quick column mode (hold Alt and drag mouse to make a block selection)
- Editor Themes
 - Manage Themes dialog for creating and modifying themes:
 - Skin the entire application (dockable panes, menus, toolbars, file tabs, status bar, etc.)
 - Set editor colors
 - Set syntax highlighting colors
 - Switch themes with a single click
 - Use one of several pre-defined themes or create your own
 - When adding a new language for syntax highlighting, UltraEdit will automatically pick up your theme's default colors for the new language
 - Import, export, and share your themes with others
- Multi-caret editing and multi-selection
 - Use Ctrl + click to set multiple carets for editing in multiple locations at once
 - Use Ctrl + double click or Ctrl + Click n' drag to make multiple non-contiguous selections for editing
 - Press Ctrl + Alt + Z to remove last set caret/selection
 - Ctrl + click on caret or selection to remove it from set
 - Select several contiguous lines, then Ctrl + Click beyond line end for quick end-of-line carets
- Printing functionality, including:
 - Print preview
 - Print line numbers
 - Print command doesn't print hidden lines
 - Headers/footers (with alignment commands), margins and page breaks
 - Printing of syntax highlighting in color
 - Print 2 pages on one sheet in landscape or portrait modes
 - Separate font selection for display and printer (supports all fonts installed including True Type fonts)
 - Print all open files
- Multi-level undo and redo for nearly every editor function
- Robust Cut/Copy/Paste:
 - Copy syntax highlighted source as HTML or RTF
 - Paste HTML source or raw RTF
 - Cut/Copy and append to existing data on clipboard
 - Copy full file path and name
 - Multiple (up to 9) user clipboards in addition to Windows clipboard
- Text selecting features:
 - Select entire file, select line, or select word
 - Select user-defined range of text
 - Persistent selection
 - Triple click to select a line
 - Click a line number in the margin to select the line
- Text deletion features:
 - Delete selection
 - Delete from current cursor position to start of line or end of line
 - Delete all bookmarked lines
 - Delete all hidden lines
- Move active line up or down
- Duplicate active line
- 100,000+ word [configurable Aspell spell checker](#), with foreign languages support (American English, British English, Dutch, Finnish, French, German, Hungarian, Italian, Spanish and Swedish)
- Interactive spell check while typing
- Word wrap (toggle on or off):
 - wrap at window edge
 - wrap at user-defined column number
 - absolute wrap (wrap inside words)
- Open [file tabs](#)
 - File tabs provide quick access to and easy switching between all open files
 - Sort file tabs alphabetically
 - Two styles: dockable or fixed
 - Multi-row file tabs or single row with tab overflow options
 - Dockable file tabs can be docked or floating outside of the application
 - Drag file tabs to split the window (horizontally or vertically) multiple times
 - Set file tabs to auto-hide and expand them on mouse hover
 - Tab close button optionally available on active file tab or end of tab row
 - Middle-click to close file tab
 - Double-click empty file tab area to open a new/blank file

- File tabs background coloring based on file extension
- File status icons (new, saved, unsaved, read-only, etc.) in file tab
- Drag-and-drop a file tab outside of the application to open it in a new instance of UltraEdit
- Integrated file viewer (tabbed interface) includes:
 - File explorer (select multiple files to open them) with system file icons and file information
 - Optional split view for local, network, and remote/FTP files
 - Explorer includes (optional) Windows explorer right-click context menu
 - Right-click a folder and select "Open Files" to see all files in that folder, filter, and sort them
 - List of open files (close/save/tile/print selected files)
 - List of project files (open selected files)
 - "Lists" tab for user favorites and user-created file groups/lists
 - Filter for file view and file explorer
 - File find for "open files" tab
 - FTP/SFTP account access in file tree view
 - Right click to compare from explorer view
 - Drag-and-drop files from the file view to open them in UE
 - Drag-and-drop file tabs into the file view to add them to project or lists/favorites
- Multiline **find and replace dialogs** for all searches (Find, Replace, Find in Files, Replace in Files)
- **Bookmarks**
 - Dynamically named bookmarks include line #, column #, text from file, filepath
 - Bookmark viewer with ability to sort on any parameter
 - Go to next/previous bookmark
 - Clear all bookmarks
 - Delete all bookmarked lines
- Count words in entire file or in selected text if selection exists (includes line count)
- **Insert** lines, page breaks, or even an entire file at current cursor position
- Insert string at every increment (ideal for formatting database records and inserting hard returns)
- Insert date/time (F7) into active text file at current position
- Zoom in/out on text by increasing/decreasing font size
- Full help file/manual with indexed and searchable contents
- Quick Start Guide with links to online tutorials for common tasks
- Context sensitive help (press F1 to access help topic for current command/location)
- Plenty of **power tips** at your disposal to maximize your efficiency

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Find and Replace Features

- Quick Find (similar to search in web browsers)
 - Press Ctrl + F and type search string to quickly jump to next occurrence and highlight all matches
 - Press Ctrl + F a second time to open regular Find dialog
 - Press Enter to move to next match or Ctrl + Enter to move to previous match
 - Input turns red when no matches are found
 - Includes next / previous buttons and "..." button to expand to regular Find dialog
 - Supersedes and replaces incremental search
- **Find, find next, find previous, replace and replace all**
 - Select text between caret and find target by holding Shift
 - Search and replace will (optionally) step through all open files
 - Save, name, and edit **favorite search and replace strings/regular expressions** for later use
 - "Replace where" option defaults to selected text if you selected text (see Help documentation for further information on enabling this feature)
- Full **regular expression support** for Find/Replace (**Perl syntax**, Unix syntax, and UltraEdit/legacy syntax) including support for **tagged regular expressions**
- Regular expression quick reference / **regex builder**
- Preserve case option to preserve the case of a word when being replaced
- F3 will search and highlight next occurrence of string if find dialog is closed
- **Hide all lines or show all lines** containing search string
- **Find/Replace in column**; column positions automatically from start and end positions of selected text
- **"List Lines Containing String"** option will create list of lines containing Find string; double-click an entry to jump to the line; also provides ability to bookmark all lines containing string
- Highlight all found occurrences of string
- Count number of occurrences of string
- Find in files/replace in files:
 - Specify multiple directory paths for searching
 - Interactive Replace in Files allows you to optionally step through the replace file-by-file, skipping files or directories you wish to leave alone
 - Find or Replace a string in multiple files by directory, in all open files, in project files, or in your favorite files
 - Optionally open matching files

- Full regular expression support including regex guide/builder
- Specify file extensions to search in find/replace in files
- User-configurable ignore options for directories/files
- Send results to output window and double-click (or new file, and right-click) result to open and jump to result
- Separate threading for find/replace in files (allows you to continue working while searching files)
- Option to match files *not* containing find string
- Specify code page (including Unicode formats) to use for Find/Replace in Files
- Use empty find string to create listing of all files matching directory/name specification
- Replace in files includes option to list changed files and number of changes
- Customize the output format of find/replace in files results
- Find matching braces (Ctrl + B) plus automatic brace highlighting
- When cursor is next to an open or close brace, editor will highlight its matching brace
- Quick find box/dropdown (with recent find history) on toolbar for quick access to find
- Find dialogs can optionally default to word under caret
- Configurable special character (default is '^') for matching tabs, line breaks, etc. in find/replace:
 - **At** matches a tab character
 - **Ap** matches DOS/Windows line terminators (CR/LF, or hex 0D 0A)
 - **An** matches Unix line terminators (LF, or hex 0A)
 - **Ar** matches Mac (classic) terminators (CR, or hex 0D)
- Back/forward buttons in main toolbar take you to the previous place you edited, scrolled from, or jumped to a tag from etc. and works across multiple files
- **Incremental search**
- All find/replace dialogs support Unicode

Programming/Web Development Features

- Full **FTP support**
 - Support for SFTP (SSH2) and FTPS (Control only, Control and data, Implicit)
 - "Open from FTP" and "Save as to FTP" dialogs
 - Ability to **link local folder and remote folder** and upload, download, and sync files between remote server and local system
 - Select and open multiple files from FTP
 - Optional default local default directory for each FTP account
 - Ability to create new file on server from FTP window
 - Transfer info logged in color coded format in "FTP Transfers" tab of output window
 - Support for ASCII, binary, and passive transfers
 - Access FTP accounts and files from the explorer window
 - Robust server support including AIX / AS400 / BS2000 / MVS / HP3000 / OpenVMS / OS9000 / Stratus VOS / Tandem / UNIX / VShell (and auto-detection of server type)
 - Public/private key encryption and PuTTY key format support for SFTP
 - Store FTP accounts and settings in a user-definable file
 - Ability to set a remote (server based) or local (Perl regex based) filter (provides filtering for SFTP)
 - Asynchronous save/open of FTP/SFTP Files
 - Advanced proxy support
 - Advanced SSL certificate handling
 - Optional FTP account sharing with UltraCompare Professional
- Multi-pane FTP browser
 - Split file view for both local and remote pane
 - Drag-n-drop or press Enter to download / upload files
 - Color-coded logging of transfers
 - Create, rename, and delete files and folders (both local and remote) via context menu
- **SSH/telnet console** with optional **logging** and configurable terminal colors
- Highly configurable syntax highlighting:
 - **Unlimited number of syntax highlighting languages** supported
 - Each wordfile saved separately into wordfile directory
 - Pre-configured for C/C++, VB, ASP, Java, PHP, XML, HTML, javascript, Perl and more
 - Special handling for FORTRAN and LaTeX
 - **Hundreds of syntax highlighting wordfiles available for download**
 - Allows different background colors
 - Support to highlight words beginning with a specified character (for instance variable highlighting using \$ in PHP)
 - Code folding based on indentation level (especially useful for Python)
 - Automatic **highlighting based on file name or extension**
 - Automatic highlighting based on shebang line (for Perl, Python, etc.)
 - Font styling for syntax highlighting in addition to color styling
 - Multi-language highlighting (e.g., PHP/HTML/javascript highlighting in the same file)
- **Smart Templates** (code completion and auto-expanding text)
 - Templates grouped globally, per environment, and per programming language
 - Default language templates provided for most major programming languages
 - Create templates with multiple user-defined variables (provide variable text when templates is inserted)

- Support for special/dynamic data in templates (see Help documentation for details)
- Template "Auto-suggestion" (provides smart suggestion of matching template based on what you type)
- Optionally disable auto-suggestion in comments and strings
- Select and insert templates through auto-complete dialog (Ctrl + Spacebar)
- Drag and drop templates from Template List to active file to insert them
- Create an unlimited number of templates
- **Code Folding**
 - Fold any function or structure (all popular languages supported)
 - "Collapse All" and "Expand All" folded nodes
 - Support for ignore strings and comment strings
 - (Optional) graphical folding guide lines
 - (Optional) folding level guides and current fold-level highlighting
 - Folding processed in separate thread for fast performance
 - Dynamic updating of folding structures
 - Add your own custom open/fold strings
- **Function list (dockable/hideable list)**
 - See all functions in source file in a tree view, including subgroups (parameters, variables, properties, etc.)
 - Supports function listing for all project files
 - Double-click function to jump to it in the file
 - Active function highlighting
 - GUI for adding/removing/modifying function group and subgroup strings
 - Define an unlimited number of function strings (regular expressions)
- **CSS color tooltips**
 - Hover over CSS color definition to see color preview
 - Ctrl + Click on preview swatch to select and insert a new color into file
 - Supported color formats:
 - Hex RGB
 - Functional notation RGB
 - RGBA
 - HSL
 - HSLA
 - Supported file types:
 - HTML
 - CSS
 - Javascript
 - PHP
 - Perl
 - Python
 - Ruby
- Automatic HTML detection, code folding, and indentation
- XML and HTML open/close tag matching
- Optional automatic HTML and XML tag completion
- Base64 encoding and decoding (on selected text)
- Option to avoid converting tabs to spaces in strings/comments
- **CSS style builder**
- **Special XML support**
 - **XML Manager** window for editing XML – includes parsed tree view of XML-based document (including XHTML) for browsing, editing, deleting, duplicating, copying/pasting nodes
 - Reformat XML files based on user-configurable parameters
 - Add line endings to XML files that have little or none (Format -> XML Convert to CR/LF)
 - Highly configurable integrated XMLlint tool to reformat XML
- **Project support** (logical grouping and ordering of files/folders)
 - Easy creation or switching of projects via "Project" menu
 - Access entire project in File View (Ctrl + U)
 - Separate project file for user-specific and workspace information
 - Open multiple files as a single project/workspace
 - Delete files from project
 - Recent project list showing up to eight of the last projects opened
 - Automatic detection of UltraEdit project file when loaded or dropped onto UltraEdit
 - Project specific user tools (in addition to standard set) with custom bitmaps
 - User/project tools supports having output go directly to the active document
 - Virtual "group" support for projects allows files to be grouped together
 - Support for nested groups with no limit on depth
 - Project/favorites – add files/add all open files dialog allows multiple file selection
 - Directory groups dynamically updated
 - Direct addition/removal of files from File Tree View
 - Recursive addition of files/folders
 - Filter files to include/exclude from project
 - Specify optional wordfile for syntax highlighting in project files
 - Specify optional project-related macro file for autoloading

- Create a **Ctag file** for your project, click on a symbol in your source code, then use Find Symbol (F11) to find jump to its definition
- HTML toolbar preconfigured for popular HTML functions as well as **custom HTML toolbar commands**
- View active (HTML) file in default browser
- View rendered HTML **within UltraEdit**
- Full HTML5 support, including highlighting, tags, etc.
- HTML Tidy support (integrated) for validating and reformatting HTML – **more info**
- **CSE HTML Validator support** (integrated)
 - Run validation
 - Setup validator options and configuration
 - Job type support
 - Requires CSE HTML Validator from <http://www.htmlvalidator.com/>
- Dockable "Tag List"
 - Provides language-specific HTML-style tags that can automatically be inserted into file
 - Tags are inserted around selected text
- **Ctags support:**
 - Project-specific Ctag file with option to create automatically when opened
 - Configurable parameters and tag file for use outside of projects
 - "Find Symbol" (F11) jumps to definition of selected/active function, variable, class, etc.
- WebSearch Toolbar: highlight text and click a websearch toolbar button to search for highlighted term from within the editor (or assign it a custom hotkey or add it to your menus)
 - Google search
 - Yahoo search
 - Wikipedia
 - Dictionary.com
 - Thesaurus.com
 - Whois
 - Network Solutions Whois
 - PHP.net search
 - cplusplus.com search
 - MSDN online search
- Add line comments or **block comments** to selected text
- Artistic style (Astyle) formatter:
 - Beautify and reformat your source code in a single click
 - Configure a variety of options and parameters for reformatting
 - Optionally specify an external configuration file
- Insert color value into active file via color picker; formats include decimal, hex, HTML, and RGB
- Number convertor (selected number to binary, octal, decimal or hexadecimal)
- Auto-completion for coding language
 - When invoked all the keywords from syntax highlighting will be available in the list (if the file uses syntax highlighting)
 - A user-specified file may be used to provide the strings for auto-completion
 - UltraEdit will search back 50K in the file for words that match a partially typed word and offer these as options
- Reindent/reformat source code based on syntax highlighting indent/unindent strings
- **Auto-correct case of keywords** (optionally) based on definitions in wordfile

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Advanced Features

- MSI Installer support for mass deployment or silent installs
- Optional shell integration adds "UltraEdit" option to right-click context menu in Windows explorer
- Associate UltraEdit as the default program for any file type
- Configurable **tool support** (run compiler, run a batch file, integrate with version control, etc.) provides smart and dynamic command-line interaction with active file(s)
- **Completely configurable key-mapping**
 - **Keyboard shortcuts** for nearly everything
 - Multi complex key mappings ("chords")
 - View/print key mapping from within UltraEdit
- Right-click on a file path or URL in the active file to access option to open it
- Integrated **scripting language** (based on javascript) to programmatically automate tasks
 - Includes most powerful javascript functions (loop, while, case/switch, variables, arrays, etc.)
 - Edit scripts from within UltraEdit
 - Access most UltraEdit commands via scripts (file opening, saving, editing, run tools, **access clipboards**, etc.)
 - Script list accessible as docked window
 - Include one or multiple scripts in another
 - Scripts can be assigned hotkeys for fast access
 - Scripts can **write output to output window** to allow for debugging

- Launch script in UltraEdit from [command line](#)
- Editable [macros](#)
 - Automated macro recording; edit a macro when finished recording
 - Set macro file to load (and optionally run) macro when UltraEdit starts
 - Load, save, and run multiple macros with hotkeys
 - Special characters ^c and ^s [allow access to copied and selected text](#), respectively
 - Set a macro to automatically execute on every file open or save
 - Save all your macros to one file
 - Assign custom hotkeys and chords to macros
 - Macro commands support conditional loop and if statements
 - Column mode functions accessible from within macros
 - Run tools from within macros
 - Change clipboard in macro
 - Launch macro in UltraEdit from [command line](#)
- [Column/block mode](#) editing
 - Ability to edit text files based on columns (blocks) instead of rows
 - Select a column (instead of a row) and type characters to insert
 - Multi-line caret for typing into multiple columns at once
 - Ability to run a search and replace on a selected column/block (instead of rows)
 - Insert, fill, delete, or cut columns
 - Insert sequential numbers in column (hex/decimal)
 - [Sum selected columns](#) (selection must contain numbers)
 - Column mode justify (left, right, center) to justify text within the specified columns
 - Set a different font for column mode
- [Column markers](#)
 - Set and toggle column markers to display a vertical line at specified columns
 - Optional fixed non-scrollable area (columns left of the first column marker)
 - Create an unlimited number of column markers and column marker "groups"
- [Environment Selector](#) – Provides predefined or user-created editing "environments" that remember the state of all of UltraEdit's layout, including dockable windows, toolbars and more for user convenience.
- Highly configurable and aesthetically pleasing layout/window theme
 - Ability to [auto-hide](#) child windows or "[tab](#)" them within each other for a cleaner workspace
 - While dragging and positioning windows, auto-docking controls will activate
 - Duplicate window of the active file
 - [Split active file's window](#)
 - Tile edit windows horizontally/vertically
 - Access previous/next edit window
 - Cascade windows
- "Open as" (in File Open dialog) to force loading files as binary, UTF-8, and other Unicode-based formats
- File [encryption/decryption](#)
 - Based on Advanced Encryption Standard (AES-256) algorithm
 - Optionally integrates with UltraSentry to securely destroy original unencrypted file
 - Encrypted files can only be decrypted in UltraEdit
- ASCII/binary file compare (saving and or printing of difference summary) with [UltraCompare Lite](#)
- Full integration with [UltraCompare Professional](#) for two- or three-way file and folder compare
 - Compare FTP files
 - Compare [modified file against source file](#) on disk
 - Compare [highlighted text](#)
- File data [sorting](#)
 - Sort ascending/descending
 - Sort on entire line or on 4 sort "keys" (columns of data to evaluate in sorting)
 - Remove duplicates based on any or all sort keys
 - Sort keys auto-populate from column mode selection
- Output window
 - Resizable, can be docked or floating
 - Used (optionally) for Find in Files results
 - Can contain script or tool output
 - Double-click a file name to open it in UltraEdit (including support for specified line/column number)
 - Double-clicking in the output window will look for a file in project directory if not fully qualified and not found in active file directory
- ASCII table – allows viewing and insertion of all available ASCII characters
- File format/line terminator conversions:
 - Unix/Mac line terminator conversions (to/from DOS), EBCDIC file conversions (to/from ASCII), OEM conversions (to/from ANSI)
 - Convert from ASCII to Unicode/UTF-8 (Big endian, little endian, ASCII-escaped Unicode)
 - Configure UltraEdit to automatically or prompt to convert non-DOS formatted files
- Create new files as Unicode or UTF-8 instead of regular ASCII
- Code page detection/conversion support
- [Character properties](#) popup dialog shows:

- Value of character in decimal/hex and display
- Offset of character from start of file in decimal/hex
- Completely **configurable toolbars**/menus: customize existing or add your own
- View/hide toolbars and/or status bar
- Status bar displays number of bytes and lines selected
- Select active file's encoding and highlighting type in status bar
- Completely configurable right-click context menu
- Edit files with hex nulls (00) with configuration option to convert nulls to spaces
- Integration with **UltraSentry** to securely delete temporary files created by UltraEdit
- Multi-byte support with integrated IME support
- DDE support with full command line options
- Open multiple files at once from the file open dialog and command line
- Open files as read-only, or open files and lock them for use
- Read-only indicators
 - Set optional background color for read-only files
 - "Lock" icon displayed in file tab if file is read-only
- **"Quick Open"** toolbar to open all matching files recursively through sub directories
- Option to open file without **temp file** (with threshold size to allow only large files to use this option)
- Configurable file change detection
- **File change polling**
 - Poll file for changes at set interval
 - UltraEdit will automatically scroll to bottom of file when changes are detected (optional)
- "Send Mail" feature sends the active file as an email attachment (selected programs only)
- Position cursor beyond line end
- Commands to position active line at top, middle or bottom of screen
- Support for alternate data streams on NTFS operating systems
- Support for optional multiple instances
- Configurable default edit window size
- View page breaks as lines
- Selectable OEM character set – option for fonts that support it
- Line numbering is based on real lines (not wrapped lines)
- Formatting conversions:
 - Convert CR/LF's to word wrap (removes CR/LF's from file)
 - Convert word wrap to CR/LF's allowing word wrap to be written to file with hard returns
 - Tabs to spaces
 - Spaces to tabs for all tabs, or just leading tabs in a line
 - Character-delimited files to fixed-column (**CSV file support**)
 - Fixed-column file to character-delimited
 - Lower to Upper Case or vice versa
 - Invert case/capitalization
 - Capitalize every word in selection
- Backup and auto-save:
 - Every file can be backed up on save
 - Create **incremental/versioned backups** with configurable save format
 - Set timed backup/auto-save
 - Auto-save files when application loses focus
 - Auto-save and **backup FTP files**
 - Set custom backup directory
- Trim trailing spaces (set to execute on save)
- Auto-recovery of modified files after system/application crash
- Option to minimize UltraEdit to system tray
- Option to minimize UltraEdit on close of last open file
- Run DOS command or Window program directory from UltraEdit
- Launch a new instance of UltraEdit directly from UltraEdit
- Extensive command line options (see Help file for full documentation)
 - INI file selection using command line – great for multiple configurations (see Help file for full documentation)
 - Command line parameter (/a) to allow specifying an already open file without having the prompt to reload it (just position to specified line)
 - Use -lx and -cx parameters following each file to specify line and column position when opening
 - Run scripts/macros from command line then automatically exit once completed
- Streamlined update/upgrade process
 - Check for FREE updates
 - Check for updates notifies if update is free or paid
 - Patch files (instead of EXEs)
 - Backup and restore toolbars, menus, settings, and other personal customizations

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Hex editing features

- Ctrl + H enabled hex mode for the active file, providing hex and ASCII view
- Configure number of hex bytes per line in hex mode
- Hex rule provides hexadecimal positions
- Find/Replace hex bytes
- Insert or delete actual hex values while in hex mode
- EBCDIC/hex combined view without conversion
- All copy/cut/paste functions available for manipulating hex data
- Copy selected hex view of text to clipboard

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