XVX Browser

Created by WeDu Official

Introduction:

This is the official XVX Browser documentation created by its own creators “WeDu official”, and this documentation contains everything about XVX Browser from all functionalities it has, to how it works and explaining even the smallest details about XVX Browser.

Contains:

NOTE: THIS DOCUMENTATION WAS WRITTEN AT TIME THAT THE NEWEST VERSION OF THE PRODUCT IS 1.4-AA

Note: any text which after it comes this [:n] means it's a special concept or word found in the third subject "the concepts of the browser"

Note: this browser documentation was written by not some random people in "WeDu official" no it was written by its own creators and programmers.

Note: if you want you can visit our website [:4].

1-What is the idea of XVX Browser:

The most basic form of the idea is that you can trust the XVX Browser because it doesn't collect any type of data or sending your own data to our servers and here is a small part of our privacy policy which can be found in our-website [:4] and what it says confirms that we don't any data at all:

"We don't collect any type of data, and any software created by us won't collect any type of data."

And the idea is the fact that you can trust XVX Browser and the idea of making it a modern new replacement of the 'classic big market share browser' such as Google chrome, Microsoft edge etc...

2-what does the browser even depends on

This browser was created by:

Note: don't be confused by dependences, dependences aren't the same as the requirements.

1-Python programming language: (this documentation was created at a time that the latest version(release) of the XVX Browser was 1.4-AA, and that version was built on python 3.12.5)

2-WxPython: (a third-party library for Python programming language was used to build most of XVX Browser)

3-Microsoft Edge Web View 2: (used by WxPython to display web pages)

4-Microsoft Visual C++ 2015 Redistributable (x64): (note: any version after this version would support XVX Browser in the time of writing this documentation)

5-Pyinstaller: (a third-party library for Python programming language was used in the app-version [:2] to make the exe version of some python files which they were either found in both Browser-versions [:1] or in the app-version [:2] only)

3- the concepts of the browser

1: Browser-versions: the XVX Browser has two main versions (don't be confused with release versions) and they are the code-version [:3] and the app-version [:2] and these versions are different from each other with different goals and purposes.

2: app-version: this version can be found in both our-website [:4] and XVX-Browser-GRpage [:5] and the goal of this version is to be much easier to be installed because the only requirement it need is having BASE-REQUIREMNTS [:9] and it doesn't require any type of powerful hardware.

Note: it has another requirement which is 'Microsoft Visual C++ 2015 Redistributable (x64)' but this requirement doesn't need to be found previously (before starting the website-installer [:7]) and this requirement can be installed after the website-installer [:7] completes its work it would start the app-installer [:8] which has a Button to install 'Microsoft Visual C++ 2015 Redistributable (x64)' with name 'install dlls'.

3: code-version: this version can be found at both our XVX-Browser-GRpage [:5] and XVX-Browser-Gpage [:6] and the goal of this version is to be much easier in development and usage by programmers and developers from all over the world and sharing the XVX Browser source code with the whole world to make it a trustable open source project but the price is for all is being much harder to install and setup because it needs both BASE-REQUIREMNTS [:9] and a bunch of additional-software-requirements like both perfectly-installed-python[:10] and WxPython(we used WxPython 4.2.1 to create XVX Browser).

4: our-website: it's WeDu official website created and manged by WeDu official, and they are responsible for it and everything in it except (uncontrollable things which they are mostly created by both user and **Wix.com Ltd. (the service which hosts the site)**).

5: XVX-Browser-GRpage: it means "XVX Browser GitHub releases page" which is a section in XVX Browser's GitHub page which contains nearly all releases of the Browser.

6: XVX-Browser-Gpage: it means " XVX Browser GitHub page" which is our XVX Browser's GitHub page.

7: website-installer: it's an installer of XVX Browser which can be found in the same places as the app-version [:2] because to install the app-version [:2] you must download this installer and after that starting it up to setup the browser files and make desktop shortcut and other basic operations.

8: app-installer: it's the second installer and it starts after the website-installer [:7] because the job of this program isn't to setup the files no it's that after all files of setup you can install dlls*1 which they are one of the BASE-REQUIREMENTS [:9] and this installer(it not really an installer it's more like a manger) can even rebuild or uninstall the XVX Browser.

*1: it not really some dlls, it's 'Microsoft Visual C++ 2015 Redistributable (x64)' and the system needs this app for some reasons and one of the reasons is a special dll.

9: BASE-REQUIREMENTS: it’s a group of requirements which are required in both app-version [:2] and code-version [:3] and these requirements are windows 10 or higher, the operating system is x64 not x86 (x32 bit not supported) and Microsoft edge with Microsoft Edge Web View 2.
Note:some how Microsoft Edge Web View 2 (WebView 2 runtime) wasn’t found click on this link to go to its download page.

10: perfectly-installed-python: in the time of writing this documentation it’s any Python 3.12.5 or higher and it had been added to environment variables so know how to install python perfectly just see this Youtube video.
note:the XVX Browser was created using Python 3.15.5.

4- all functionalities of the XVX Browser

4-1 contains:

FIRST: MAIN PAGE:

First: buttons functions are the same as button name

1- go back one page button ['<']

2- go forward one page button ['>']

3- reload current page ['↻']

4- show menu 1 ['☰']

5- General Settings ['⚙']

6- show menu 2 ['❋']

7- Open a new tab ['+']

expect: the 'x' button on the right of each tab tag and it can close the tab and if there was only one tab and it got closed the browser would get closed.

Second: bars

1-the URL bar it's the upper bar and it has the current website URL

2-the name bar it the lower bar and it has the title of the website

Third: others

1-the page tag so you can change between tabs if there were any other pages

2-the upper area the place which the page tags are found in

3- the upper place holder which contains bars and buttons

Second: HISTORY PAGE:

First: text:

1- a small test found in the upper place holder which says "Double-chick an item to open it"

Second: buttons:

1- delete the selected item from the history ['-']

2- Open a new tab ['+']

Third: list:

1- a list which any item of it can be selected and this list shows all sites which are recorded in history

Fourth: others:

1-the upper place holder which contains both text and buttons.

Third: BOOKMARKS PAGE:

First: text:

1- a small test found in the upper place holder which says "Double-chick an item to open it"

Second: buttons:

1- delete all items from bookmarks ['--']

2- delete the selected item from bookmarks ['-']

3- Open a new tab ['+']

Third: list:

1- a list which any item of it can be selected and this list shows all bookmarks which are recorded in bookmarks

Fourth: others:

1-the upper place holder which contains both text and buttons.

Fourth: SOURCE PAGE:

First: text:

1- a small test found in the upper place holder which says "source: *the URL of the website that the source page shows it's source code in*"

Second: buttons:

1- Open a new tab ['+']

Third: source code:

1- a scrollable text which has the source code of the website which the source page is showing it source code

Fourth: others:

1-the upper place holder which contains both text and the new tab button.

Fifth: THEME PAGE:

First: grid one (background colour):

Note: The location at the top of all grids

1-entry1(Red) 2-entry2(Green) 3-entry3(Blue) 4-text says background (*current colour formation*, *default colour formation*) 5-button says 'Open a new tab' ['+']

second: grid two (text colour):

Note: The location between the first and the third girds

1-entry1(Red) 2-entry2(Green) 3-entry3(Blue) 4-text says text (*current colour formation*, *default colour formation*) 5-button says check (this button checks if you save the new or not by checking if you had written anything in any entry bar if all entry bars were empty you can't save a new theme but if you have at least one entry bar which has anything in it you can make a new theme)

Third: grid three (buttons colour):

Note: The location at the bottom of all grids

1-entry1(Red) 2-entry2(Green) 3-entry3(Blue) 4-text says buttons (*current colour formation*, *default colour formation*) 5-button says save changes

4-2 functionalities:

1- select the page tag and click on right or left arrows to switch between pages

2- select the page tag and drag it to any corner of the window or the pages if you have more than one page.

3- by either dragging one or two fingers powerfully to either the right or left edge of the main page corner you can go either forward or backward from the current tab if there were any backward or forward pages.

4- right click to show you the context menu which has many functionalities like:

print the web page, word correction, screen shot, inspect (dev tools), refresh, emojis, save as, share, going backwards or forwards if it was possible, select all, voice typing, cut, copy, paste , paste as plain text, writing direction, magnify images, copy images, save images, open link in new window and much more features for images ,videos and etc...

5- in first menu ['☰'] we have a lot of functionalities like:
show downloads folder, show source (the current web page source code), change theme (it would open the themes page), Turn to default theme, Show history (it would open the history page), Delete history (it would delete all history), Print this page, find in page (it would show under the web shower (the area that any website would show in it) and you can though this feature search if a word was in the web page with customizable search options like match case, Entire word and Highlight results), show bookmarks page (it would open the book marks page), Add this website to book marks (it would add the current website that you are in to the book marks), Clear! (it would clear all cache in the default cache folder), Clear PSCF! (it would clear all cache in the PSCF (previously specified cache folder) folder, Burn! (it would clear all cache in the default cache folder plus clearing both history and bookmarks), Burn PSCF! (it would clear all cache in the PSCF(previously specified cache folder) folder plus clearing both history and bookmarks),change PSCF(it would open the PSCF changer) and Page Settings (it's sub list and contains 4 functionalities in the time of writing this

documentation and these functionalities are:
1- change zoom (it would show under the web shower a long moving bar with can be moved to the right to zoom in the web page and left to zoom out of the web page).

2- Enable access to dev tools (not disabling it really but it would trigger some kind of inner functionality).

3- Enable context menu (not disabling it really but it would trigger some kind of inner functionality).

4-Page forever lock: it would disable both the backward and forward buttons and other things in the current main page and this option is unchangeable when it has been used it can't be stopped and the effect for it would only ability on the current main page that you are in).

6- in General Settings menu ['⚙'] we have 3 functionalities that you can enable or disable and they are:

1-Store bookmarks: it would store the bookmarks in a .txt file so even if you closed the browser and came back to it, the bookmarks wouldn't get lost and this option is enabled by default and if you disable it would it would store the bookmarks internally that when you close the browser and open it again you wouldn't find the bookmarks which got stored internally but if there was any .txt stored bookmarks they wouldn't get lost and be showed in the bookmarks page.

2-Literal mode: this would make any URL or anything that you right in the URL bar in the main page being send and applied as it's this option is disabled by default and to explain this function more when you write 'example.com' in the URL bar the browser would correct it to 'http://example.com' and send it to the system to show it but if the literal mode was enabled it wouldn't correct it and it would directly send it to the system and this mode was created because there is a problem that when you write(not any website which opens or send URL would be correct but when you write these problems and things would show up) a path URL ' file:///...' or command URL like the command URL for calculator ' calculator://' the system would add to them automatically 'http://' and that is a problem so at that case enable the literal mode so when you write these two types of URL they would get applied as they are.

3-Disable history: this option wouldn't save any website URL to be shown in the history page but it would save any backward or forward URL just into the system so you can go forward and backward normally but even these URL wouldn't get shown in the history.

7- in Second menu ['❋'] we have 2 functionalities, and these are the server functionalities:

1-make a server: it allows to you to make a local host server and by just writing whatever port number you want between 0 and 65535 and make sure that this port wasn't used by other programs you can mostly find an empty port number (port number isn't used by any service) under the port number 1220 and this server allows only the first two connections not users but connections and when the server shows in its terminal based page this symbol "(2, 2)" that means that the server how matter what it wouldn't allow to anyone to connect to the server and only the two first connections can use it normally and chat between each other.

2-join a server: it allows to you to connect to the local server that you or anyone else created it using 'make a server' functionality and you can connect to the server by writing the server port so if the server was created on port 900 so you connect to it using 'join a server' you must to write 900 so you can connect to the server which has the port 900.
Note:when you write 900 in 'join a server' you wouldn't get directly connected no it would store 900 in the system and open for you the chat place and in the chat place you must write any random username or any name that you want to name yourself with and after that click on the button which says 'join' and here the system would try to connect to the server.

8 – PSCF changer

It's a very simple GUI based app that you can go to it by going to the first menu and click on ‘change PSCF’ and in that app you can write ONE FOLDER PATH that when you use any of ‘burn’ or ‘clear’ functions at the first menu with the PSCF mode it would clear that folder and this folder is like if you think that cache is stored somewhere else(from the default folder) or you want to clear the folder when doing ‘clear’ or ‘burn’ just add that folder path and click on ‘set’ button to set the new folder as the PSCF.
Note:if you entered an empty data, the PSCF changer would still set that empty data as the PSCF to empty and this is a way if you want to clear the name of the PSCF.

9- shortcut:

Ctrl-R: refresh

Ctrl-J: Downloads

Ctrl-U: showing the source code but not the normal source code shower of our browser it’s more a feature found in the framework that this browser was built using it

Ctrl-p: print the page

Ctrl-A: select all

Ctrl-f: showing a mini small bar if you want to find something and as the Ctrl-U feature it’s not the normal browser finder but it’s a feature found in the framework that this browser was build using it.

Ctrl-G: the same Ctrl-f

Ctrl-H * note it would work only with text as select or writing in text place*

Ctrl-C: copy * note it would work only with text as select or writing in text place*

Ctrl-V: paste * note it would work only with text as select or writing in text place*

Ctrl-Z: undo for mostly text

Ctrl-Y: redo for mostly text

Alt-right arrow: to go the next (forward website) if it does exist

Alt-left arrow: to go the back (backward website) if it does exist

Ctrl + Shift + S: take screen shot

Ctrl + Shift + V: paste plain text * note it would work only with text as select or writing in text place*

Note: sometimes the Ctrl-Shift + V wouldn’t work because your system might use it might not

5- how does it even work

5.1 pages concept:

This browser depends on a concept called pages and at the time of writing this documentation there are 5 types of pages and they are:
Main page

History page

Bookmarks page

Source page

Theme page

The default page is the main page, and all other pages can be reached through the first menu in the main page.

Each type of pages has its own function and purpose like this:

Main page: it shows the websites and it's the way to go to any page and it's the most important one

History page: it shows the websites which has been visited by all main pages except any website which has been visited while disable history is enabled and you can delete any website that you want to remove from the history but if you want remove all history it you can do that by going to the first menu in the main page and click on 'Delete history'

Bookmarks page: it shows every single bookmark that you had added, and you can even remove the Bookmarks in this page

Source page: it shows the source code of the current website

Theme page: you can by using it change the colour of all buttons and text in them and even the background which is the upper place holder in colour of the only main page but changing colour for buttons and text in the buttons is supported by all pages.

5.2 showing websites in the browser:

This browser depends on wxPython for its GUI and the ability to show websites and files and things like that and do these functionalities like a modern browser because it uses Microsoft

edge web view 2 which allow to do such a functionality and more and the ability to show complex HTML, CSS and JavaScript and the best thing that Microsoft edge web view 2 is open source and it can't take any kind of data because it's not a browser or anything like that to get the ability to steal data it's just a way or engine to show websites and deal with them and etc...