



FastX Browser Client

For FastX 3.2

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Introduction

FastX browser client connects to the FastX server through a web browser. Use the URL of the host with port 3000. (<https://example.com:3300/>)

System Requirements

Web Browsers Supported (Latest versions)

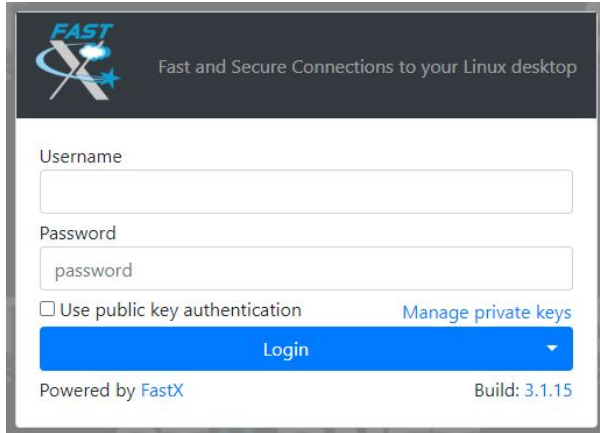
- Chrome
- Firefox
- Safari
- Microsoft Edge

Ports

- 3300 (https) - Default

Logging In

FastX uses the user's Linux account to login through the browser using ssh.



The image shows the FAST login interface. At the top left is the FAST logo with the tagline "Fast and Secure Connections to your Linux desktop". Below the logo are two input fields: "Username" and "Password". The password field contains the text "password". There is a checkbox labeled "Use public key authentication" and a link "Manage private keys". A blue "Login" button is positioned below the password field. At the bottom left, it says "Powered by FastX" and at the bottom right, "Build: 3.1.15".

User public key authentication

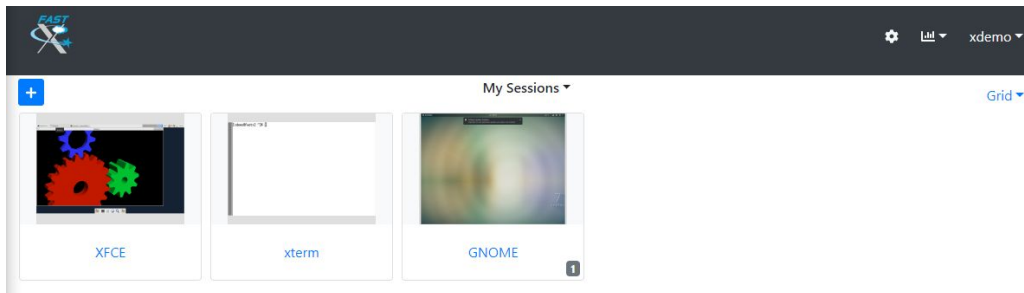
Check box to use Public/Private key authentication.

Manage private keys

Click the link to manage or add private keys for authentication.


After Login

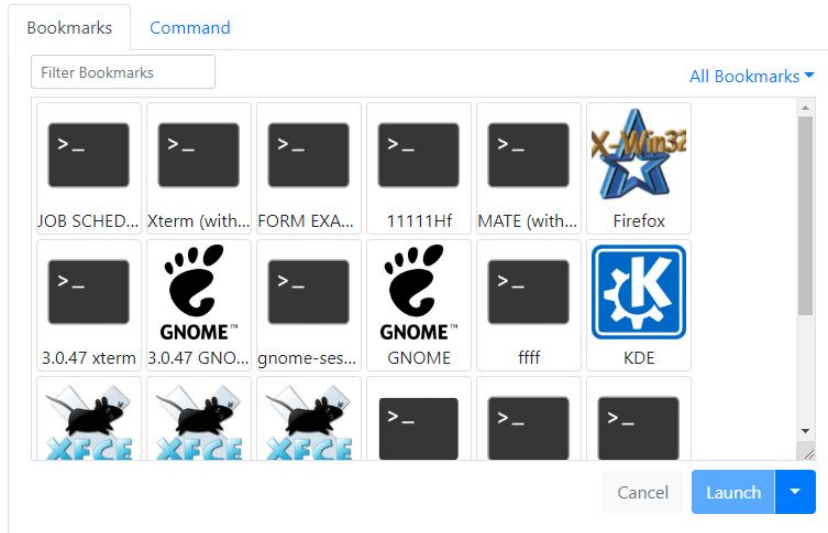
A user's homepage will display. By default, a listing of the user's running sessions.



Bookmarks

Bookmarks are sessions that are configured and saved. Users launch sessions by selecting the bookmark.

Single click the  will bring up the Bookmarks window.



Single click on the blue drop down menu on the top right to toggle through grouped bookmarks.

Launch New Session

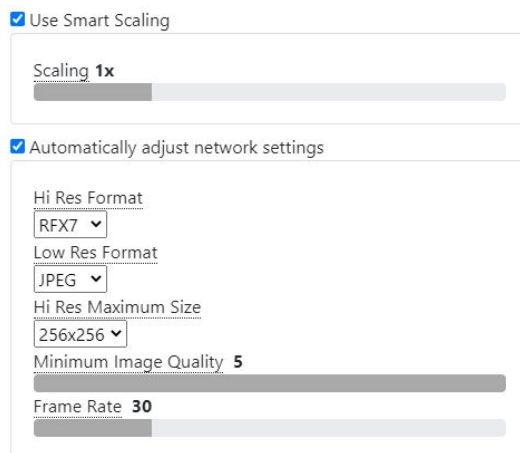
Double click the bookmark icon to launch or single click the bookmark and then hit launch.

Launched Session Options (Scaling & Rendering Quality)




- After launching a session, the session option will be available. Move your mouse cursor to the top middle of the browser tab that is running the session.

- - Clicking the home icon will create a new tab that will go to the FastX user home page.
- - Clicking the resize icon will resize the session to the size of the browser window.
- - Clicking on the gear icon will bring up scaling and image quality options.




- Use Smart Scaling - Check box to use automatic scaling.

- Scaling - Range of scaling between .5x to 4x. Uncheck Use Smart Scaling to change manually.
- Automatic adjust network settings - Check box to use automatic imaging based upon network conditions. Uncheck box to manually set image format, quality, and frame rates.
 - Hi Res Format - High resolution image that is sent to the render session. Choose from image format RFX7, JPEG, PNG, WEBP.
 - Low Res Format - Compressed image that is sent to the render session when the throughput of the network is decreased. Then a high resolution image is sent if throughput improves. Choose from image format RFX7, JPEG, PNG, WEBP.
 - Hi Res Maximum Size - Size of image being sent with high resolution image for big block codecs. Choose from 64x64, 128x128, 192x192, 256x256, 512x512.
 - Minimum Image Quality - Choose between 1-5 on the image quality for the session.
 - Frame Rates - Maximum frames being sent per second.
-  - Clicking on the keyboard icon to bring up keyboard options.
 - Layout - Choose language for keyboard.
 - Show Onscreen Keyboard - Check box to bring up virtual keyboard.

Create New Bookmark

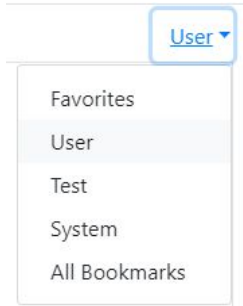
Select the “Command” tab. Enter in the following fields.

- Command
- Window Mode
 - Single
 - Dimensions (Default 1024x768)
 - Multiple
- Name

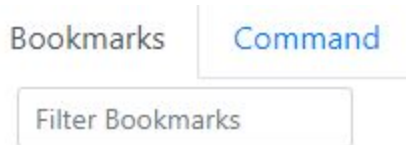
The select the drop down menu near the “Launch” button  and select “Create Bookmark”.

Browsing Bookmarks


You can select grouping of bookmarks by selecting the drop down menu on the top right of the Bookmark window. Groups are created with [tags](#).



Select the desired group to display existing bookmarks. Users can filter the bookmark group by typing a search word below the “Bookmarks” tab. Note, If there is not a User or System group, then the group is empty.



Favorites

Scroll mouse over a bookmark and select the heart icon on the top left . Solid red heart means that the bookmark is added to the favorite group. Note, If there is not a favorite group, then the group is empty.


User Homepage

The homepage can be changed between “My Sessions” or “My Shortcuts” by clicking on the current homepage option on the top center. By default, “My Sessions” is selected.

My Sessions

A listing of all of the user’s running sessions. The list of running sessions can be changed from Grid to List by clicking on the current listing which is located on the top right.

Grid

Displays all of the user’s running sessions in a grid format. Double click a running session to reconnect. Single click the running session will prompt this icon near the plus icon . Single click this icon to bring up running session options:

- Get Info
- Set Custom Parameters
- Execute a Command on the Session
- View Logs
- Disconnect
- Purge


- Terminate

If a number is displayed on the bottom right of the running session, this means this session is already launched by the user.

List

Displays all of the user's running sessions in a grid format that can be sorted by:


- Name
- Connected
- Uptime
- Login

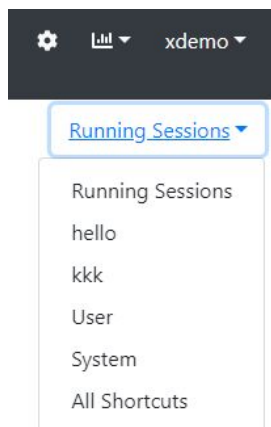
Single click running session name to reconnect. Check box the running session to bring up the options' icon .

- Get Info
- Set Custom Parameters
- Execute a Command on the Session
- View Logs
- Disconnect
- Purge
- Terminate

My Shortcuts

A listing of the user's running sessions is displayed in a grid format. Selecting this homepage

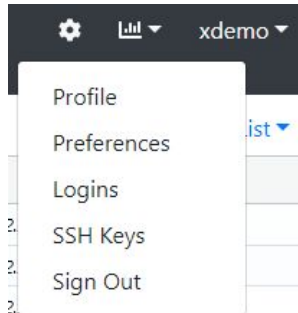
option will remove the plus icon  for bookmarks. Double click on the running session icon to reconnect. To change the listing of running sessions, click on the "Running Session" drop down which is located on the top right, below the username.



User's can select between the groups of bookmarks and launch the bookmark as a shortcut by double clicking.

User Options

Click on the username on the top right to access options.



Profile

Coming soon.

Preferences

Users can change their default home page and can autoconnect to an existing bookmark.

Home Page

Select between the following home pages.

- My Sessions
- Shortcuts

Autoconnect

Selecting a bookmark will autoconnect to the session immediately after logging into FastX.

Logins

A list of the user's tokens is listed. The user's tokens can be deleted by checking the box that correlates with the desired token.

SSH Keys

Users can add and remove SSH private keys for login.

Sign Out

User Logs out of FastX

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