

FTP Client Higher Order Testing Defect Log

Yew Aili, Qian Zhang, Dennis Chia, Xiaotian Yu, Yuzhu Yang

Severity: 1 (critical) - 3 (not severe)

Defect No.	Description	Defect Severity	Type of higher-order testing	Test Case No. or Description
1	<p>Unable to add more than 35 new connections with all added connections open in a single GUI. A error message “Recv control data error” shows up.</p> <p>After the error message showing up, the entire GUI becomes unresponsive and unclickable. Clicking “x” on top left corner triggers another error message “failed to disconnect, incorrect state”</p>	1	Stress	1. Add a new connection Keep adding new connections, and save all open connections for every new opened connections. Leave all added connections open in single MainWindow
2	Open “Connections” in the top toolbar, then click the “New Connections” button to open the “Connection Details” window. The input bar of port, server nickname, username, should not be infinite length.	2	Security	1. Check the length of port, server nickname, username
3	The “Failed to disconnect” diagram pop when user click the “Disconnect” button in the GUI. Click either “x”	3	Performance	2. Close connection

	button or “OK” button the connection will be shut down.			
4	The top option of “Filename” in the Local path is the current location. Double click it, then click the “-->”. The GUI would not go into the previous page.	3	Performance	3. Go into a folder
5	After creating a new connection and double clicking on a folder, the path on the top is updated with one more “/”	3	Performance	3. Go into a folder
6	The top option of “Filename” in the Local path is the current location. Double click it, then click the “<--”. The process did not store any next page, but the “-->” button still turned into available condition.	3	Performance	4. Return to parent folder
7	Open a new connection. Keep clicking on “..” folder. It stays on the same folder but the path on the top is updated by keeping adding “../”	2	Stress	4. Return to parent folder (Navigate) - Boundary test case
8	Download the files under the big size folder will cause the time bar and program to crash.	1	Usability	5. Download a file from an open connection
9	Downloading the file into local needs two times operation.	1	Stress	5. Download a file from an open connection
10	Right click the target file. Choose the “Move File”	1	Security	5. Download a file from an open connection

	option, the Move File diagram will pop. The program is unable to handle the wrong moving direction.			
11	Right click the target file. Choose the “Move File” option. The “Move File” diagram will pop up. Type the path into “Move to” input bar, then click “OK” button. The program execute the “rename” feature insteads of “move”.	1	Usability	5. Download a file from an open connection
12	Upload a file to an open connection will causing the time bar and program crashing.	1	Stress	6. Upload a file to an open connection
13	After saving more than 25 open connections with unique name by clicking “save open connections”, close current GUI and restart a new one. All saved connections are in the same name, none of them is loadable	1	Stress	7. Save new connection details Keep adding new connections, and save all open connections.
14	After saving more than 25 open connections with unique name by clicking “save open connections”, close current GUI and restart a new one. All of the connections have the same name. Thus, only one connection detail can be modified	1	Stress	8. Editing saved connection details
15	Connections cannot be loaded and application	2	Usability	9. Loading connection details

	crashes with segmentation fault after restarting the application.			New test. Save some connections and restart the application. After restarting the application, click on file in menu and select “edit saved connections”. Click on a connection and select load.
16	Under local, delete everything including the current running app “Defect”. After successfully deleting the “Defect” app, the GUI is still running which should not be.	1	Usability	10. Delete files from remote connection/local machine User right clicks on a folder and selects delete file. The user clicks yes.
17	Open same path from several same connections, delete a file in one connection, the other connections are in unsynchronization and still keep the deleted file and it can be operated.	1	Security	10. Delete files from remote connection/local machine
18	The files under the “year0/vault7/files” in the connection tab are unavailable to be deleted.	1	Stress	10. Delete files from remote connection/local machine
19	Delete a big volume file (over 200000 size) under connections will cause the time bar to crash. Sometimes, it becomes unresponsive.	1	Stress	10. Delete files from remote connection/local machine
20	Unable to move a file from local machine to connection via GUI. The file is not moved to connection and it is still on local machine.	1	Usability	13. Move files Drag and drop one file to the GUI with connection on.

	<p>Unable to move multiple files from local to connection via GUI. Select, drag and drop multiple files to the GUI with connection on. Multiple files are not moved to connection and they are still on local machine.</p>			
21	<p>Unable to move a empty file to other tab</p>	1	Usability	<p>13. Move files Move files by right clicking file and select “Move file to other tab”</p>
22	<p>Open two new connections which display the same content, move one file from one to another. The file already exists in second tab since two tabs are displaying the same content. Message shown on terminal is “Nothing to transfer, empty”. However, both download progress bar and upload progress bar are updated. Inconsistent with terminal message</p>	2	Usability	<p>13. Move files Move files by right clicking file and select “Move file to other tab”</p>
23	<p>It takes unexpected long to move runnable app “Defect” of size 10.3MB to other tab. The progress bar is not updated synchronously. It gets frozen at 80% and suddenly reaches 100%. And the progress bar freezes at 0% after the file is moved</p>	1	Performance	<p>13. Move files Move files by right clicking file and select “Move file to other tab”</p>

	successfully.			
24	Unable to rename one or more tabs. There is no access to rename a tab.	2	Usability	14. Naming different tabs Looked at all the options in menu and also tried double clicking and right clicking to rename a tab.
25	Unable to display file date changed.	2	Usability	22. Display file metadata (size, date changed, etc) Look at GUI for local and new connection.
26	Current transfer queue limit is 10. First adding a huge file to download queue. While the huge file is downloading, keep adding new files to download queue. In this case, we can add more than 10 (transfer queue limit) files to the download queue and there is no error message popping up. Files added to the transfer queue never get processed.	1	Stress	24. Queue up files to download in the background Download files are added to the queue.
27	The “Switch Tabs” string is longer than the Switch-Tabs button box.	3	Usability	28. Switch-Tabs button GUI is in format
28	First adding a huge file to download queue. While the huge file is downloading, click “x” on the top left of the MainWindow to close GUI. A message pops up “Are you sure you want to disconnect? You have transfers running.” Click “No”, the program quits unexpectedly instead of	1	Usability	Close GUI by clicking “x” on the top left of the Main Window when download is still in progress

	returning back to MainWindow			
--	---------------------------------	--	--	--