# **Notepad++ Bug Summary**

**BUG 1: Notepad++ Becomes Unusable After Deleting Files in Split View** (#15922)

## **Issue Type**

**Bug** - Fixed and Closed

## **Problem Description**

When two files are opened side-by-side in **split view** and then **deleted from the file system**, Notepad++ becomes **completely unusable**.

* The editing area turns **grey**.
* Clicking **"New File"** creates tabs (e.g., "neu 1") but they **cannot be edited** — the editor remains grey and unresponsive.

## **Steps to Reproduce**

1. Open **two text files** in Notepad++.
2. **Split view vertically** (one file left, one right).
3. From outside Notepad++ (e.g., File Explorer), **delete both files**.
4. When Notepad++ detects the file deletions:
   1. Click **"No"** when prompted to keep b.txt.
   2. Click **"No"** when prompted to keep a.txt.
5. Result:
   1. The editing area becomes grey.
   2. Clicking "New File" repeatedly creates new tabs, but all remain **uneditable**.

## **Current Behavior**

* Editing area is grey and frozen.
* New files cannot be created or edited.
* Restarting Notepad++ is the only workaround.

## **Expected Behavior**

* Notepad++ should **remain fully functional** after deleted files are dismissed.
* "New File" should properly create a new, editable tab.

## **Version Information**

* **Version**: Notepad++ v8.7.4 (64-bit)
* **Build Time**: Dec 4, 2024
* **Operating System**: Windows 10 Pro 22H2 (64-bit)
* **Plugins Installed**: None

## **Status and Resolution**

* **Acknowledged by Developer:** Yes (assigned to @donho, Dec 8, 2024)
* **Fix Offered By:** @xomx (approved by @donho)
* **Commits Referencing Fix:**
  + [d6169c4](https://github.com/notepad-plus-plus/notepad-plus-plus/commit/d6169c4) — *Fix hidden document-view after deleting files in both views from outside*
* **Closed as Completed:** Dec 9, 2024

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**BUG 2: Very Slow Loading of Files at Startup** (#15856)

## **Problem**

When you open a lot of files (100 to 2000 small .txt files) in Notepad++, and then close and reopen it, **Notepad++ takes a very long time to start** (over 2 minutes).

It feels like it is "stuck" before you can use it.

* **Notepad++ Version:** 8.7.1 (64-bit)
* **System:** Windows 11, high-end laptop (fast CPU, NVMe SSD, 32GB RAM)

## **How to See the Problem**

1. Install Notepad++ fresh.
2. Open a lot of small text files (like 1000+ files).
3. Close Notepad++.
4. Open it again — it will be very slow.

## **What Happens Now**

* Notepad++ tries to open **all** the files immediately when starting.
* Because of that, it **freezes** and you have to wait 2–3 minutes.

## **What Should Happen**

* Notepad++ should **start fast** by opening **only the last active file**.
* Other files should **load later** in the background (just like Firefox loads tabs when you click them).

## **Important Points**

* 1320 .txt files (only 20 MB total) still cause the freeze.
* NVMe drive (very fast) is used, so the problem is **Not** with the disk.
* Many people tested it — the problem happens for everyone with lots of files.
* This feature (called **Lazy Loading**) is **missing** in Notepad++.
* Lazy Loading was suggested before but not yet built.

## **What Developers and Users Said**

* Confirmed that Notepad++ is **not optimized** for opening thousands of files quickly.
* Suggested to **add lazy loading**: only load a file when you click on its tab.
* Some developers said they might look into it in the future if they have time.
* Users really want this because they keep many notes/scripts open.

## **Possible Solution**

* Add **Lazy Loading** feature so Notepad++ can open instantly, without freezing.
* Open the last file immediately, and load others slowly in the background.

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**BUG 3: Undo Sometimes Jumps Multiple Steps Back** (#15846)

## **Problem**

When you press **Undo (Ctrl+Z)** in Notepad++, **sometimes it undoes more than one action at once**.

This happens randomly when editing files like XML and text files.

* **Notepad++ Version:** 8.7.1 (64-bit)
* **System:** Windows 10 Enterprise

## **How to See the Problem**

* There is **no exact way** yet to reproduce it every time.
* It **happens randomly** while editing (deleting characters, lines, or blocks).

## **What Happens Now**

* When pressing **Undo**, **sometimes** Notepad++ goes back **more than one step**.
* Example:
  + You delete one line → then a few characters → then press Undo → **both** changes get undone together, **instead of one at a time**.

## **What Should Happen**

* **Undo** should always **go back only one action**.
* If you delete a line, only that line deletion should be undone when you press Ctrl+Z.

## **Important Points**

* The user tried **disabling Multi-Editing** — but it didn’t fix the issue.
* The bug **did not happen** in some **older versions** of Notepad++.
* **Similar bug** was reported earlier in [Issue #9426](https://github.com/notepad-plus-plus/notepad-plus-plus/issues/9426).

## **What Developers and Users Said**

* Developers asked the user to try and find a **clear way to reproduce** the bug.
* There is a chance that a **previous bug fix** missed a similar issue.
* One contributor suggested **reopening the old issue** because it might be related.

## **Possible Solution**

* Investigate Undo history management.
* Check if Multi-Edit mode or internal handling of edits is grouping changes incorrectly.
* Fix so that every Ctrl+Z action **only undoes exactly one step**.

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**BUG: 4 Duplicate Lines Automatically While Typing** (#15766)

## **Problem**

When typing in Notepad++, **sometimes a duplicate line appears** automatically **two lines below** the one you are typing on.

* **Notepad++ Version:** 8.6 (64-bit)
* **System:** Windows 10 Enterprise

## **How to See the Problem**

1. Open a file in Notepad++.
2. **Right-click** the file tab and choose **"Clone to Other View"** (split screen mode).
3. Start **typing** or **adding random lines** in the file.
4. Sometimes, as you type, you will see a **duplicate line** appear **two lines below**.
   1. This **does not happen all the time** (intermittent issue).

## **What Happens Now**

* While typing, **a duplicate line gets inserted automatically**.
* To fix it, you have to **switch between files** and **manually delete** the extra line.

## **What Should Happen**

* No duplicate lines should be created automatically when typing.
* The text should appear **only where you are typing**, without unexpected copies.

## **Important Points**

* This mostly happens when the **same file is opened in both left and right views**.
* The user **updated to Notepad++ 8.7.1** to see if the bug still occurs.
* No specific fix for this was released between versions 8.6 and 8.7.1, but updating to the latest version is recommended.

## **Possible Solution**

* Monitor if upgrading to **v8.7.1** resolves the issue.
* Investigate how the "Clone to Other View" feature manages live edits between two views.

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**BUG 5: Links (URLs) Not Underlined Anymore with Small Fonts** (#15738)

## **Problem**

In Notepad++ versions **8.4 and above**, links (URLs) are **not underlined** when **small fonts** (like Bahnschrift at size 8) are used, even if link underlining is enabled.

* **Issue appeared after version:** 8.3.3
* **Notepad++ Version Tested:** 8.7 (64-bit)
* **System:** Windows 10 Pro

## **How to See the Problem**

1. **Set the font size to 8** (or smaller).
2. **Turn off DirectWrite** under **MISC settings** (to prevent auto font scaling).
3. Use a **small font** like **Bahnschrift**.
4. **Observe** that **URLs are no longer underlined**.

*Note:*

* Issue does **not** occur with some other fonts (like **Consolas**) even at very small sizes.
* DPI scaling settings (e.g., 100%) and DirectWrite affect the behavior.

## **What Happens Now**

* URLs are **not underlined** when using small font sizes.
* Underline disappears **even though link underlining setting is enabled**.

## **What Should Happen**

* Links should **stay underlined** properly **regardless of the font size** or **font type**.

## **Technical Insights**

* The **underline** usually appears at the **third pixel** below the baseline.
* With small fonts like Bahnschrift at 8pt, there’s **insufficient space** for the underline, causing it to be **clipped**.
* Notepad++ currently uses **SC\_PHASES\_TWO** rendering mode, which is faster but limits underline visibility.
* Switching to **SC\_PHASES\_MULTIPLE** could help fix it, but it may slightly affect performance.

## **Possible Solutions**

* Allow an **option to use SC\_PHASES\_MULTIPLE** rendering mode.
* Adjust **underline drawing** to fit within smaller font bounds.
* Re-enabling **DirectWrite** can "fix" the underline (but changes font size slightly), so it’s not a complete solution.

## **Status**

* **Confirmed**: Multiple users replicated the issue.
* **Workaround**: Use larger fonts or specific fonts like Consolas.
* **Fix Potential**: Needs deeper adjustment in the way underlines are rendered in Scintilla or add an option in Notepad++.

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