

User Guide

Build desktop apps with an HTML interface, with the help of an AI assistant.

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1. What this kit does

VisualNEO Win can show web pages inside its **Modern Web Browser** object (Microsoft WebView2). This kit uses that to build complete desktop apps whose whole interface is an HTML page, while VisualNEO takes care of the window, the files on disk and Windows itself.

You do not need to write the HTML, JavaScript or NeoScript yourself. You describe the app to an AI assistant such as Claude or ChatGPT, and the AI builds it by following the instructions in this kit. You then run it, test it, and ask the AI for changes.

The apps work offline, save their data as ordinary files in the user's **Documents** folder, and handle text in any language.

2. What is in the kit

File	What it is
VNW_HTML_Apps_AI_Guide.md	The instructions for the AI. You upload it to the AI; you do not need to read it.
Complete-AI-Kit.zip	VisualNEO Win's own description of its actions and objects (exported from version 26.9.30), for the AI. Upload it as it is; do not unzip it.
Plugins\SpecialFolders.nbp	Free plug-in: finds the Documents and AppData folders.
Plugins\Base64Files.nbp	Free plug-in: reads and writes any file exactly (text in any language, PDFs, images).
Plugins*.pb	The PureBasic source of both plug-ins, for anyone who wants to study or rebuild them.
Docs\User_Guide_EN.pdf , Docs\User_Guide_ES.pdf	This document, in English and Spanish.

3. What you need

- **VisualNEO Win 26.8.8 or newer**, the version with the Modern Web Browser object and the AI Development Kit export.
- **Windows 10 or 11** with the Microsoft Edge WebView2 Runtime (already installed on almost every up-to-date PC).
- **An AI assistant that accepts uploaded files and can run code**, such as Claude or ChatGPT. The AI uses code to build the `.pub` file and to test the page.

4. One-time setup

- 1 **Install the two plug-ins** from the `Plugins` folder: in VisualNEO Win, open the plug-in installer and install `SpecialFolders.nbp` and `Base64Files.nbp`. Restart VisualNEO Win.
- 2 **Use the included AI Development Kit** (`Complete-AI-Kit.zip`). It describes VisualNEO Win 26.9.30 with just these two plug-ins, which is exactly what the AI needs.
- 3 **Only if you use a different VisualNEO version**, or want the AI to use other plug-ins you own, make your own: choose **App → Export Complete AI Development Kit** (with the two kit plug-ins installed), then zip the exported folder (right-click → Send to → Compressed (zipped) folder). Upload that zip instead of the included one.

5. Creating an app, step by step

- 1 **Start a new chat** with your AI assistant. Use one chat per app.
- 2 **Upload two files:** `VNW_HTML_Apps_AI_Guide.md` and `Complete-AI-Kit.zip`.
- 3 **Describe your app** in plain words (see section 6). The AI may ask a few questions first; answer them.
- 4 **Download the zip the AI gives you.** It contains `YourApp.pub` and an `App` folder.
- 5 **Unzip it into a new, empty folder.** The pub and the `App` folder must stay side by side.
- 6 **Open the pub in VisualNEO Win and save it once.** VisualNEO rewrites it in its own format.
- 7 **Press Run** and try the app.

6. How to describe your app

The clearer your description, the better the first version. Say:

- **What the app is for**, in one or two sentences.
- **What the user sees:** the main screen, lists, buttons, and what each button does.
- **What it saves:** for example "each entry is saved as its own file".
- **The look:** dark or light, colours, font size.
- **What to leave out for now.** Start small; add features one at a time later.

Example

"Using the attached guide and AI kit, build a VisualNEO Win app called *Recipe Box*. On the left, a list of my recipes with a search box. On the right, the selected recipe: title, ingredients and steps, all editable. Each recipe is saved as its own file. Buttons: New recipe, Delete (with undo), Export as text file. Dark theme, large readable text. Keep it simple."

7. Making changes

- **Continue in the same chat**, so the AI remembers the app.
- **Describe one or two changes at a time**, and say exactly what you saw: "When I click Delete, nothing happens" works better than "Delete is broken".
- **Send screenshots** when something looks wrong.
- **Copy error messages**: while you are developing, press **F12** inside the running app to open the browser's developer tools. Red messages in the *Console* tab tell the AI exactly what failed.
- The AI says with each version which files changed. If **only the App folder** changed, just copy the new files over the old ones and run again. If the **pub** changed, replace it, open it, save it once, and run.
- If **you** changed the pub in VisualNEO (for example you added a page), save it and upload it to the AI before asking for more changes, so it works on your latest version.
- **Keep each version's zip**. If a change goes wrong, you can always go back.

8. Designing in a normal browser

You can open `App\index.html` directly in Chrome or Edge. The page notices that VisualNEO is not there and switches to a **test mode** that keeps its files in the browser instead. This is handy for checking the layout and the buttons quickly. A few things only work inside VisualNEO: Windows Open/Save dialogs, opening files in other programs, and saving real files to disk.

9. Where your app keeps its data

What	Where
The user's files	<code>Documents\<App name>\</code>
Settings (theme, last screen...)	<code>AppData\Roaming\<App name>\settings.ini</code>
The browser's own cache	A folder in the Windows temporary folder

Nothing is ever written into the program's folder, so the app also works when installed under *Program Files*. Users can back up their work simply by copying their Documents folder.

10. Finishing and sharing your app

- 1 **Ask the AI to turn off the developer tools** (F12) for the finished version.
- 2 **Compile** the app in VisualNEO Win as usual.
- 3 **Ship the `App` folder next to the program.** The program loads its interface from that folder, so your installer must copy it beside the .exe. Also include anything else VisualNEO requires for the Modern Web Browser object, such as `WebView2Loader.dll`.
- 4 **Test the installed copy** on a clean PC or user account before you publish it.

11. Troubleshooting

What you see	What to do
A blank window	Check that the <code>App</code> folder is next to the pub and contains <code>index.html</code> . Press F12 and look at the Console tab.
Buttons react, but nothing is saved, or "no answer from VisualNEO"	Make sure both plug-ins are installed and VisualNEO was restarted. Send the AI a screenshot and the Console messages.
An action is unknown when the pub opens	A plug-in is missing. Install it, restart VisualNEO, open the pub again.
The Close button does not close the app	The app asks the page to save first. A second click always closes. Tell the AI, so it can fix the page's answer.
"Error: file is larger than 100 MB"	Files up to 100 MB can be loaded and saved. Larger files can still be copied into the app and shown or played; ask the AI to use <i>copyIn</i> from the guide.
The AI's answer does not match VisualNEO	Remind it to follow the attached guide and to use only actions listed in the AI kit.

12. Good to know

- **File size limit: 100 MB per file.** Text in any language, photos, PDFs and other files up to 100 MB can be loaded, processed and saved (VisualNEO Win is a 32-bit program, which limits its memory). Files of **any size** (videos, audio, big PDFs) can still be copied into the app and shown or played, and copied back out, because VisualNEO copies them directly; ask the AI to use *copyIn* and *copyOut* from the guide.
- The AI cannot run VisualNEO Win. It tests the HTML side itself, but only you can confirm the app inside VisualNEO. Always test before relying on it.
- AI assistants make mistakes. Check the app carefully, especially anything that deletes or overwrites files, and keep backups of your work.

- Features you can ask for include: lists and search, editors, PDF export, charts, images, audio and video, settings, light and dark themes. If a library is needed, the AI includes it in the App folder so the app still works offline.