
Subject: AI and U++

Posted by [mdelfede](#) on Sat, 25 Jul 2026 14:14:12 GMT

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Hello,

having a "plus" chatgpt account that I use for work, I thout of developing a suite usable to quick code development with it without resorting to expensive APIs.

Here it is, in early development but already used on a commercial application and testing on another one:

<https://gitlab.veneto.com/runner-ai/runner-ai.git>

It's still not stable, but has an installer, documentation and some nice features.

One is AI-GUIDE.

You do a runner AI-GUIDE --copy and paste resulting clipboard into chatgpt. These are instructions for chatgpt on capabilities.

To stay inside chatgpt usage legal boundaries I avoided the "full" automation : I request something to che chat, chat builds a runner request packet, I copy it to clipboard, issue e "runner EXEC -vvv" command in powershell, the shell asks for confirmation, executes the commands (which can be patches, repository inspection, builds...), create a report in ZIP format on disk and put its link on clipboard.

You can do a simple "paste" onto chatgpt window and results will be read, checked and so on.

A short example on capabilities :

In this image I dropped to chatgpt the dialog image, asked "please add to my app setting for character size of 'riepilogo risultati' (6-th line, it was not there)". Chatgpt did a repository inspection, dialog inspection, etc, and coded correctly the addition, along with translations and save/restore and apply code.

I was quite impressed.

Now I'm using it to add an "UPPDATER" code, able to install/update multi-file projects, with web deployment, signatures, install/uninstall, etc, and using it on my uppcad application.

Runner is developed by chatgpt on my requests, has a pdf manual inside end so on.

As I told you, it's in early development phase, so I'm not sure that installer end project registration works always.

File Attachments

1) [runnersample.png](#), downloaded 227 times

Impostazioni grafiche

Dimensione caratteri schermate (default 15) :  

Dimensione caratteri di stampa (default 12) :  

Dimensione caratteri di stampa titoli (default 16) :  

Dimensione caratteri di stampa titoli tabelle (default 16) :  

Dimensione caratteri riepilogo risultati (default 6) :  

☒ Stampa intestazione

☒ Stampa piè di pagina

Impostazioni DXF

Unità di misura dei disegni : 

Colori layers

Normali

Nascosti

Travi	 rosso	 8
Acciaio	 blu	 8
Calcestruzzo	 ciano	 8
Quote	 giallo	
Testi	 41	
Assi	 bianco	
Retini	 8	

Subject: Re: AI and U++

Posted by [mdelfede](#) on Sat, 25 Jul 2026 14:16:54 GMT

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Here a sample dialog (in Italian,sorry):

File Attachments

1) [runner2.png](#), downloaded 210 times

Ho preparato **M3.2b — verificatore ECDSA P-256 reale con W**

 [updater-add-windows-cng-signature-verifier.txt](#)

Esegui:

```
</> PowerShell
```

```
runner EXEC -vvv
```

La patch aggiunge il package separato:

```
UpdaterCryptoWin/  
  UpdaterCryptoWin.upp  
  WindowsCngSignatureVerifier.h  
  WindowsCngSignatureVerifier.cpp
```

Caratteristiche:

- `UpdaterCore` resta portabile e non dipende da Windows;
- verifica ECDSA P-256/SHA-256 con `bcrypt.dll` di sistema;
- firma nel formato raw `r || s` da 64 byte;
- chiavi pubbliche selezionate tramite `key_id`;
- possibilità di incorporare più chiavi per la rotazione futura;
- nessuna chiave privata nel programma;
- test con un vettore crittografico P-256 reale;