

# Prolog Download and Installation

[https://www.tutorialspoint.com/prolog/prolog\\_relations.htm](https://www.tutorialspoint.com/prolog/prolog_relations.htm)

```
?- write('Hello World')
```

```
| .
```

```
Hello World
```

```
true.
```

```
?- write('Hello World').
```

```
Hello World
```

```
true.
```

```
?- [hello_world]
```

```
| .
```

```
true.
```

```
?- [hello_world].
```

```
true.
```

```
?- main
```

```
| .
```

```
This is sample Prolog program This program is written into hello_world.pl file
```

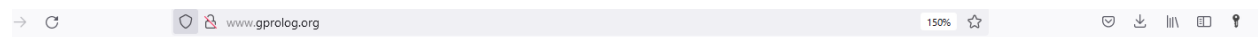
```
true.
```

```
?-
```

## Example

```
cat(tom) .  
loves_to_eat(kunal,pasta) .  
of_color(hair,black) .  
loves_to_play_games(nawaz) .  
lazy(pratyusha) .
```

<http://www.gprolog.org/>



## The GNU Prolog web site



*Current stable version is gprolog-1.5.0*

### Download

We provide both source and binary distributions for GNU Prolog.

Source distributions:

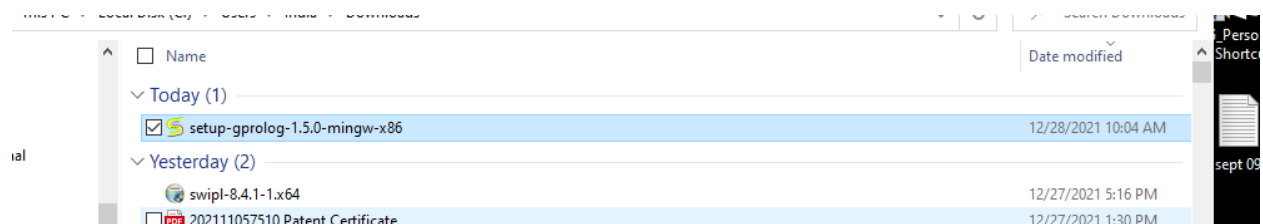
- the main source distribution [gprolog-1.5.0.tar.gz](#).

Binary distributions:

- [Mac OS X installer package](#) created on Big Sur using MacPorts by Paulo Moura (installs GNU Prolog in /opt/local/ and /opt/local/bin).
- [Windows intel 32 bits auto-install setup](#) (compiled under ix86 / Windows 10 with MSVC++).
- [Windows intel 32 bits auto-install setup](#) (compiled under ix86 / Windows 10 with MinGW gcc under MSys2).
- [Windows intel 64 bits auto-install setup](#) (compiled under x86\_64 / Windows 10 with MSVC++).
- [Windows intel 64 bits auto-install setup](#) (compiled under x86\_64 / Windows 10 with MinGW64 gcc under MSys2).

Other versions:

- Old versions can be found [in this directory](#).
- Unstable versions can be found [in this directory](#).



# Windows protected your PC

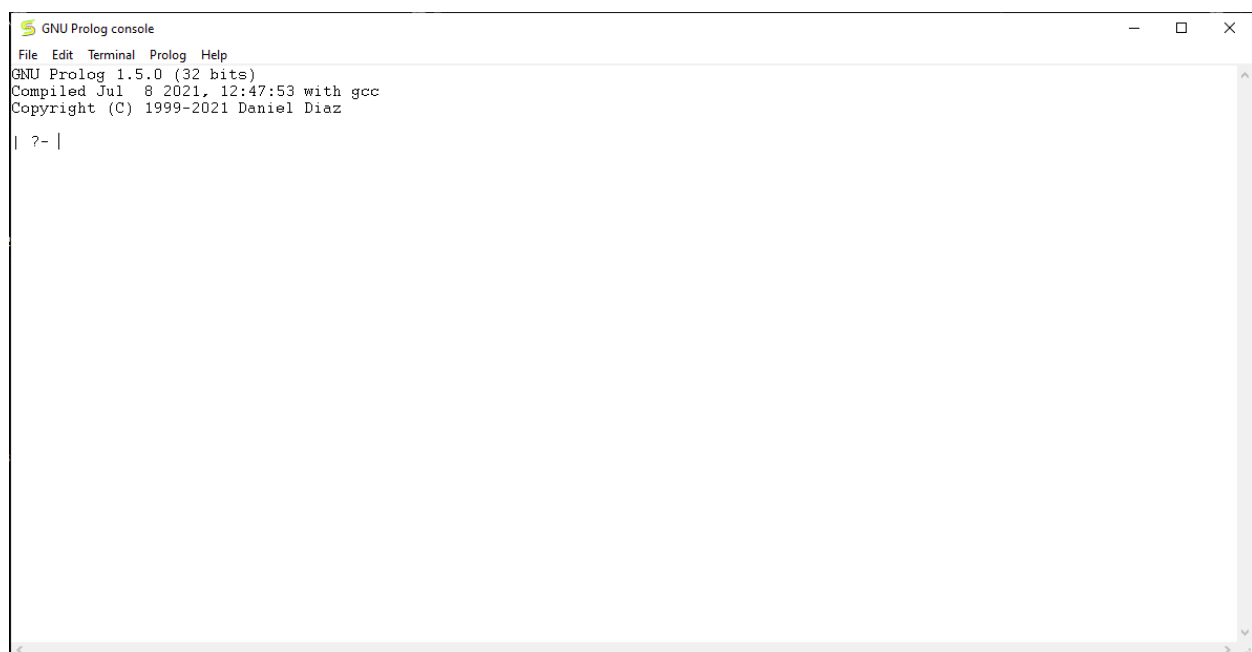
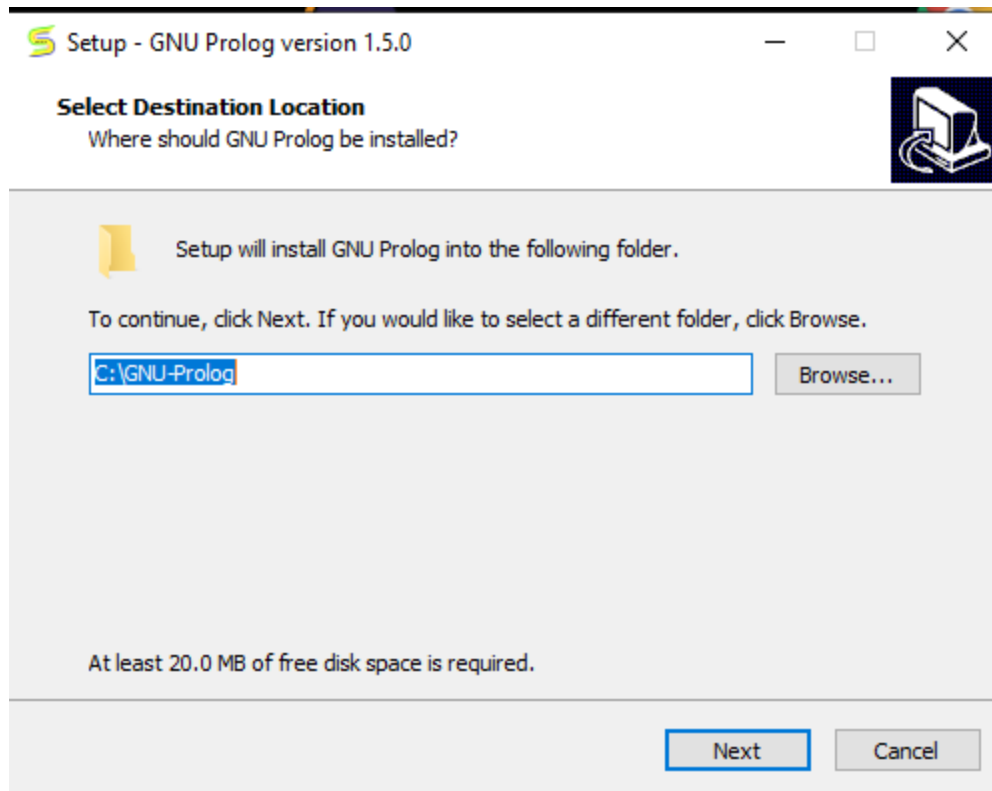
Microsoft Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.

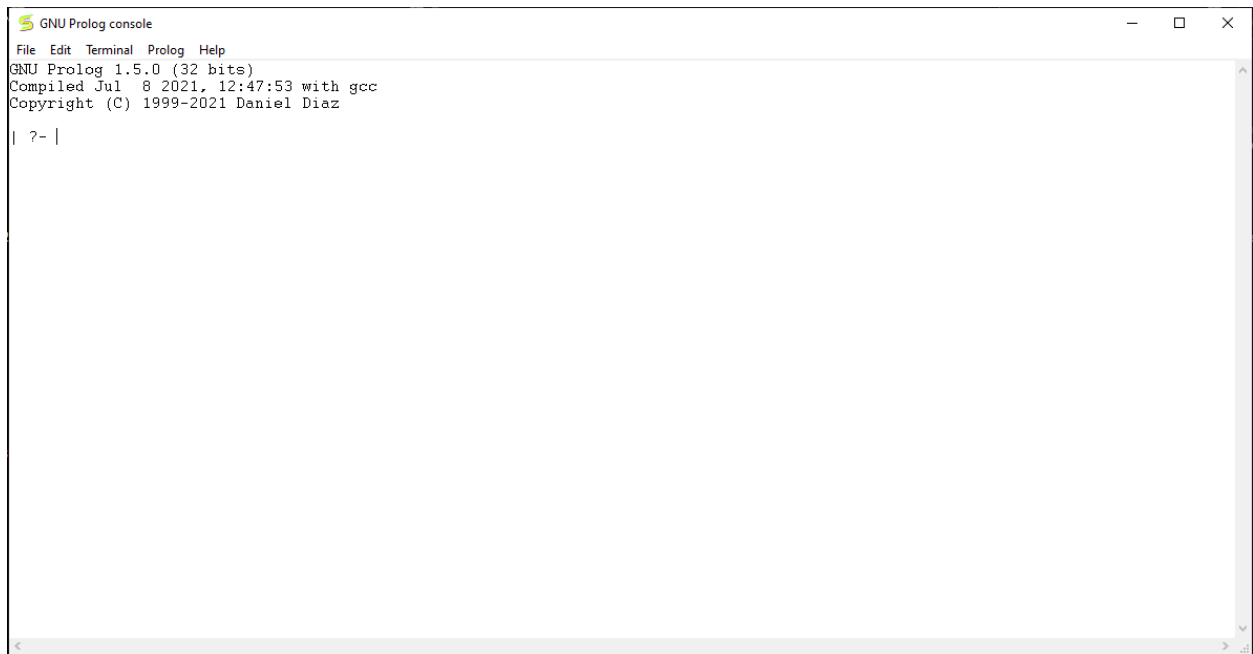
App: setup-gprolog-1.5.0-mingw-x86.exe

Publisher: Unknown publisher

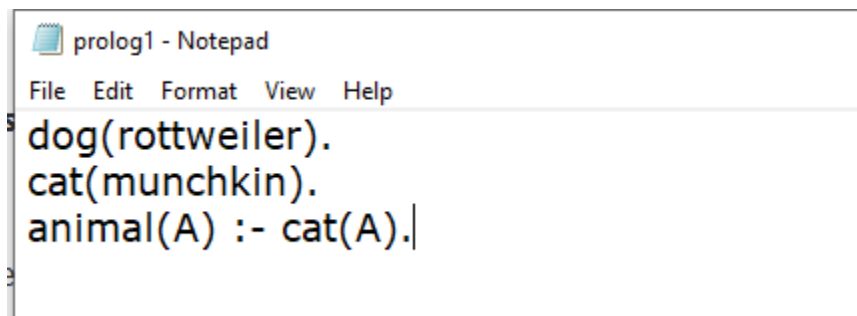
**Run anyway**

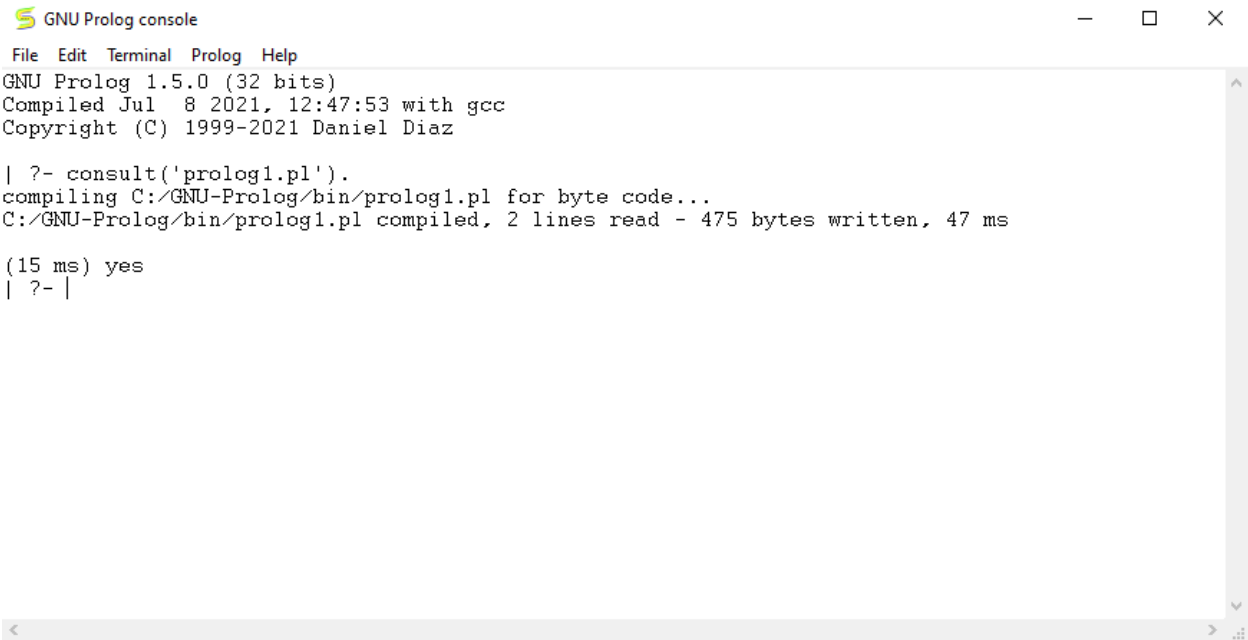
**Don't run**



A screenshot of a GNU Prolog console window. The window has a title bar that says "GNU Prolog console" and standard window controls (minimize, maximize, close). Below the title bar is a menu bar with "File", "Edit", "Terminal", "Prolog", and "Help". The main area of the window contains the following text: "GNU Prolog 1.5.0 (32 bits)", "Compiled Jul 8 2021, 12:47:53 with gcc", and "Copyright (C) 1999-2021 Daniel Diaz". At the bottom of the main area, there is a prompt "| ?- |" followed by a cursor.

Create a prolog1.pl file in Text editor and save it in bin directory.

A screenshot of a Notepad window titled "prolog1 - Notepad". The window has a menu bar with "File", "Edit", "Format", "View", and "Help". The main area of the window contains the following Prolog code: "dog(rottweiler).", "cat(munchkin).", and "animal(A) :- cat(A).". The cursor is at the end of the third line.

A screenshot of a GNU Prolog console window. The window has a title bar with the text "GNU Prolog console" and standard window controls (minimize, maximize, close). Below the title bar is a menu bar with "File", "Edit", "Terminal", "Prolog", and "Help". The main area of the window contains text output from the Prolog system. It starts with version and compilation information, followed by a command prompt where the user has entered a consult command. The system responds with compilation progress and completion details. The prompt is then ready for the next input.

```
GNU Prolog console
File Edit Terminal Prolog Help
GNU Prolog 1.5.0 (32 bits)
Compiled Jul  8 2021, 12:47:53 with gcc
Copyright (C) 1999-2021 Daniel Diaz

| ?- consult('prolog1.pl').
compiling C:/GNU-Prolog/bin/prolog1.pl for byte code...
C:/GNU-Prolog/bin/prolog1.pl compiled, 2 lines read - 475 bytes written, 47 ms

(15 ms) yes
| ?- |
```

+++++