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SWI PROLOG

Descarga

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News: SWI-Prolog 7.4.0 release candidate

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Linux versions are often available as a package for your distribution. We collect information about available packages and issues for building on specific distros [here](#). We provide a [PPA for Ubuntu](#).

Please check the [windows release notes](#) (also in the SWI-Prolog startup menu of your installed version) for details.

Examine the [ChangeLog](#).

Binaries		
	20,432,238 bytes	SWI-Prolog 7.4.0-rc1 for Microsoft Windows (64 bit) Self-installing executable for Microsoft's Windows 64-bit editions. Requires at least Windows 7. See the reference manual for deciding on whether to use the 32- or 64-bits version. This binary is linked against GMP 6.1.1 which is covered by the LGPL license.
	19,137,463 bytes	SWI-Prolog 7.4.0-rc1 for Microsoft Windows (32 bit) Self-installing executable for MS-Windows. Requires at least Windows 7. Installs swipl-win.exe and swipl.exe . This binary is linked against GMP 6.1.1 which is covered by the LGPL license.
	23,575,050 bytes	SWI-Prolog 7.4.0-rc1 for MacOSX 10.6 (Snow Leopard) and later on intel Mac OS X disk image with relocatable application bundle . Needs xquartz (X11) installed for running the development tools . Currently, version 2.7.11 is required. You can check the version by opening an X11 application and then checking 'about' in the X11 menu. The bundle also provides the commandline tools in contents/MacOS. The command line tools need at least MacOS 10.6 (Snow Leopard). The graphical application needs at least MacOS 10.7 (Lion).
Sources		
	16,498,021 bytes	SWI-Prolog source for 7.4.0-rc1 Sources in .tar.gz format, including packages and generated documentation files. See build instructions .
Documentation		
	2,375,700 bytes	SWI-Prolog 7.4.0-rc1 reference manual in PDF SWI-Prolog reference manual as PDF file. This does <i>not</i> include the package documentation.

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version 7

swipl-w64-740-rc1.exe 10.0/19.5 MB, Quedan 9 s

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Elija

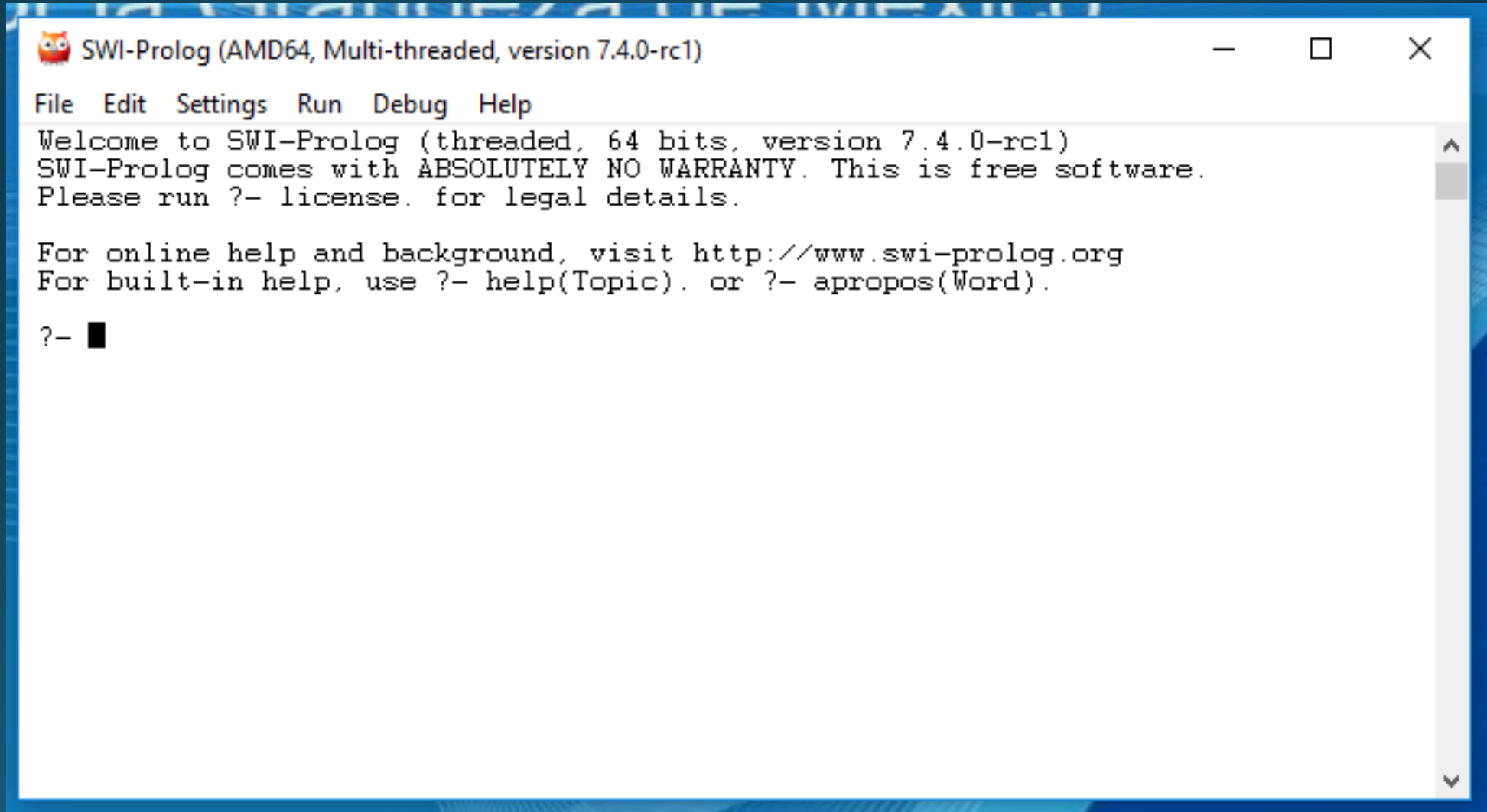
Ejemplo base de conocimiento

En un editor de código, escriba la siguiente base de conocimientos y guárdela en la carpeta c:\trabajo con el nombre "programa.pl"

```
/*echo 1 ana aprobo programacion 1*/  
aprobo_programacion1(ana).  
/*echo 2 rosa reprobo programacon 1*/  
reprobo_programacion1(rosa).  
/*regla 1 X sabe programar si X aprobo programacion 1*/  
sabe_programar(X):-aprobo_programacion1(X).
```

Cargar base de conocimiento

Ejecute prolog:

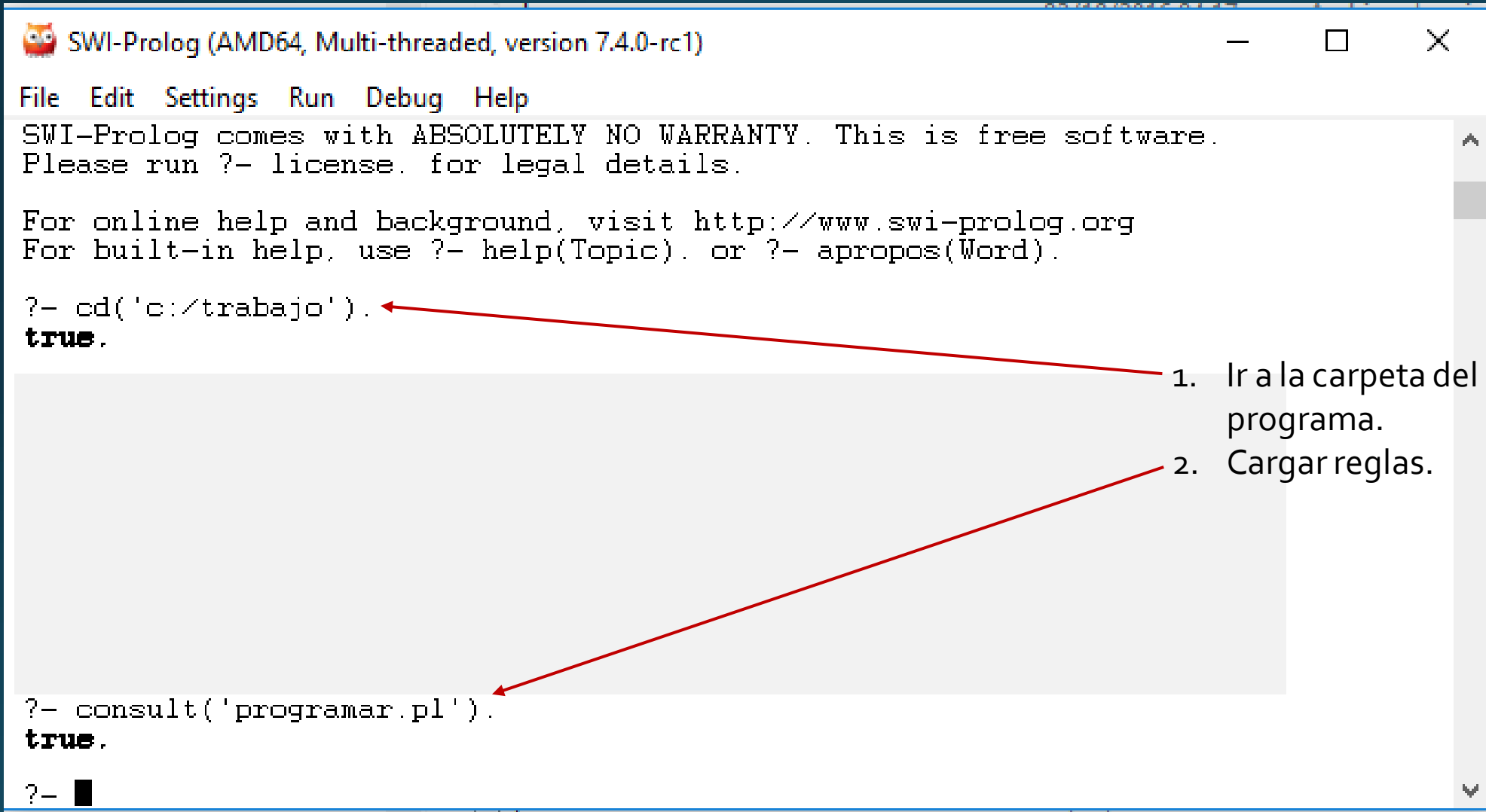


```
SWI-Prolog (AMD64, Multi-threaded, version 7.4.0-rc1)
File Edit Settings Run Debug Help
Welcome to SWI-Prolog (threaded, 64 bits, version 7.4.0-rc1)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit http://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- ■
```

Cargar la base de conocimiento



```
SWI-Prolog (AMD64, Multi-threaded, version 7.4.0-rc1)
File Edit Settings Run Debug Help
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
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For online help and background, visit http://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

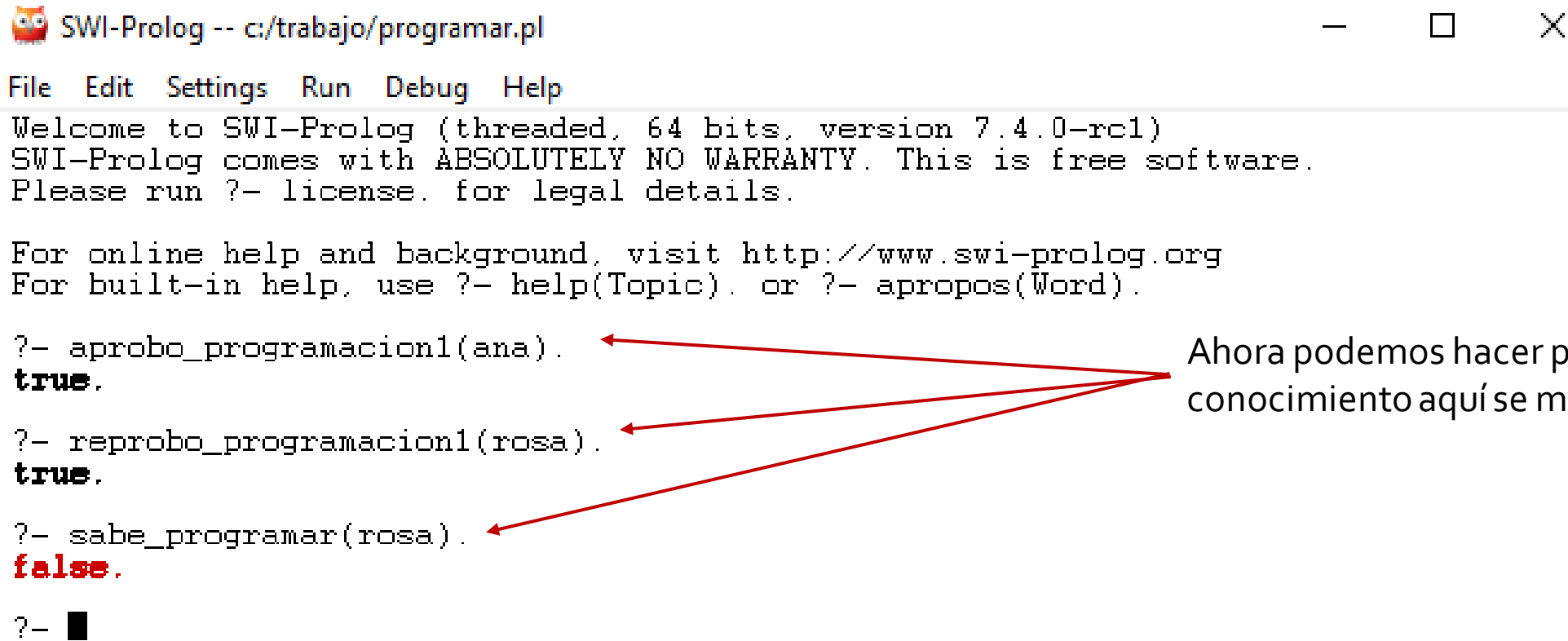
?- cd('c:/trabajo').
true.

?- consult('programar.pl').
true.

?- 
```

1. Ir a la carpeta del programa.
2. Cargar reglas.

Consultar



```
SWI-Prolog -- c:/trabajo/programar.pl
File Edit Settings Run Debug Help
Welcome to SWI-Prolog (threaded, 64 bits, version 7.4.0-rc1)
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Please run ?- license. for legal details.

For online help and background, visit http://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- aprobo_programacion1(ana).
true.

?- reprobo_programacion1(rosa).
true.

?- sabe_programar(rosa).
false.

?- ■
```

The screenshot shows a SWI-Prolog console window. The title bar reads "SWI-Prolog -- c:/trabajo/programar.pl". The menu bar includes "File", "Edit", "Settings", "Run", "Debug", and "Help". The main text area displays the Prolog environment's welcome message, version information (7.4.0-rc1), and a disclaimer. It then shows three queries being executed: `?- aprobo_programacion1(ana).` returns **true.**, `?- reprobo_programacion1(rosa).` returns **true.**, and `?- sabe_programar(rosa).` returns **false.**. The prompt `?- ■` is shown at the bottom. Three red arrows originate from a text box on the right and point to the three query lines.

Ahora podemos hacer preguntas a la base de conocimiento aquí se muestran 3 preguntas

Fin