

Installing and Running VC-Gen Server

1. Get SWI-Prolog
 - a. Windows: download from <https://www.swi-prolog.org/>
 - b. Linux: `sudo apt-get install swi-prolog`
 - c. Mac: brew install ... *sorry unfamiliar with details* ...
2. Visit <http://www.cse.buffalo.edu/LRG/WP>
 - a. Download **Examples** directory
 - b. It also contains **vcgen.pl**, the code for VC-Gen.

3. Windows: Launch Prolog and then launch VC-Gen:

SWI-Prolog (AMD64, Multi-threaded, version 8.0.3)

File Edit Settings Run Debug Help

Welcome to SWI-Prolog (threaded, 64 bits, version 8.0.3)
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).

?- pwd.
% c:/users/bhara/documents/
true.

?- cd("~/desktop/wp/examples").
true.

?- [vcgen].
true.

?- start_server.
% Started server at http://localhost:8080/
true.

?- | **Ctrl-d to stop server
and exit Prolog**

Start-up message
from Prolog

Navigate to
the **Examples**
directory

Launch
VC-Gen
Server

Note: VC-Gen
needs a file
index1.html
(also found in
the **Examples**
directory).

```
bharat@bharat-VB:~$ pwd
/home/bharat
bharat@bharat-VB:~$ cd WP/Examples
bharat@bharat-VB:~/WP/Examples$ prolog
Welcome to SWI-Prolog (threaded, 64 bits, version 7.6.4)
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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).

?- [vcgen].
true.

?- start_server.
% Started server at http://localhost:8080/
true.
```

3. Linux:

➤ **prolog**

... startup msg ...

?- [vcgen].

?- start_server

4. Go to **localhost:8080** on your browser.
 - a. Upload a program from **Examples** directory.
 - b. Generate VCs and copy over to Alt-Ergo window.
 - c. Ask Alt-Ergo to validate.

