

## How to use Sicstus Prolog

Sicstus Prolog is executed by typing the command `sicstus` from the command shell. The system presents a prompt to the user.

```
| ?-
```

In order to use a constraint solver one needs to load one of the constraint solving libraries by typing e.g.

```
| ?- use_module(library(clpq)).
```

to load the rational number solver, or

```
| ?- use_module(library(clpr)).
```

to load the floating point solver, or

```
| ?- use_module(library(fd)).
```

to load the finite domain solver, or

```
| ?- use_module(library(chr)).
```

to load the CHR library.

In order to use an existing constraint solver written in CHR one has to load the constraint solver by typing e.g.

```
| ?-
```

```
['/usr/lib/sicstus/lib/sicstus-3.7.1/library/  
chr/examples/bool.pl'].
```

to load the boolean constraint solver, or

```
| ?-
```

```
['/usr/lib/sicstus/lib/sicstus-3.7.1/library/  
chr/examples/domain.pl'].
```

to load the finite domain solver.