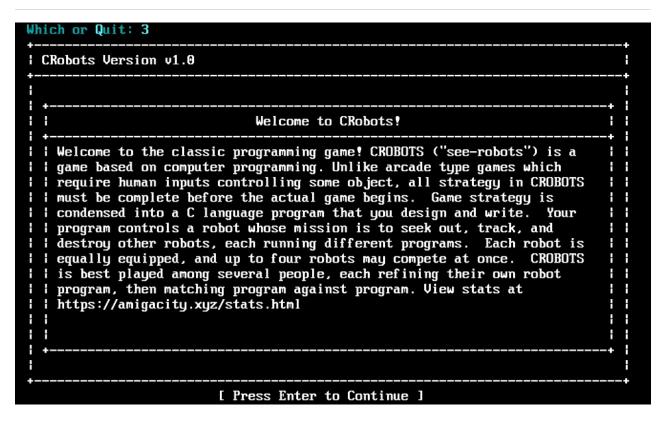# CROBOTS User Guide - door version

If you have issues or need help go to [The Synchronet BBS CROBOTS Forum](#) and post it there. You will also want to get the CRobots manual located in that forum.

```
Which or Quit: 3
+--------------------------------------------------------------------+
| CRobots Version v1.0                                               |
+--------------------------------------------------------------------+
|                                                                    |
|  +--------------------------------------------------------------+  |
|  |                      Welcome to CRobots!                     |  |
|  +--------------------------------------------------------------+  |
|  | Welcome to the classic programming game! CROBOTS ("see-robots") is a |  |
|  | game based on computer programming. Unlike arcade type games which   |  |
|  | require human inputs controlling some object, all strategy in CROBOTS |  |
|  | must be complete before the actual game begins.  Game strategy is    |  |
|  | condensed into a C language program that you design and write.  Your  |  |
|  | program controls a robot whose mission is to seek out, track, and     |  |
|  | destroy other robots, each running different programs.  Each robot is |  |
|  | equally equipped, and up to four robots may compete at once.  CROBOTS |  |
|  | is best played among several people, each refining their own robot    |  |
|  | program, then matching program against program. View stats at         |  |
|  | https://amigacity.xyz/stats.html                                      |  |
|  |                                                                      |  |
|  |                                                                      |  |
|  +--------------------------------------------------------------+  |
|                                                                    |
+--------------------------------------------------------------------+
                        [ Press Enter to Continue ]
```

Welcome to CRobots! This short guide will introduce you to the CRobots game and get you started.

```
                   [ Press Enter to Continue ]
+-------------------------------------------------------------------+
¦ CRobots Version v1.0                                              ¦
+-------------------------------------------------------------------+
¦                                                                   ¦
¦                                                                   ¦
¦   +-------------------------------------------------------+   ¦
¦   ¦                      Main Menu                        ¦   ¦
¦   +-------------------------------------------------------+   ¦
¦   ¦ Select one:                                           ¦   ¦
¦   ¦                                                       ¦   ¦
¦   ¦                                                       ¦   ¦
¦   +-------------------------------------------------------+   ¦
¦    1      Manage Your Bots    2      Debug Your Bots    3      Battle Arena    ¦
¦    4      Test Bench          5      Battle Stats              ¦
¦                                                                   ¦
¦                                                                   ¦
¦                                                                   ¦
¦                                                                   ¦
¦                                                                   ¦
¦                                                                   ¦
¦                                                                   ¦
¦                          ':c'=[Cancel]                            ¦
¦                  ':?' = [Colon Command Help]                      ¦
+-------------------------------------------------------------------+
(1/1):
```

On most screens you can enter ":c" to cancel the current menu and go to the next top level up. At this main menu you have several options:

1. Manage Your Bots - Lets you create and edit your bots
2. Debug Your Bots - Run your bot in the debugger
3. Battle Arena - Compete with up to 3 other bots and watch them fight
4. Test Bench - Test your bots
5. Battle Stats - see the stats of your and other bots

Manage Your Bots

```
2.1/UI/Dialog/Backend.pm line 862, <STDIN> line 2.
+------------------------------------------------------------------------------+
| CRobots Version v1.0                                                         |
+------------------------------------------------------------------------------+
|                                                                              |
|   +--------------------------------------------------------------------+     |
|   |                      Select Your Bot To Manage                     |     |
|   +--------------------------------------------------------------------+     |
| | Select a file: /sbbs/doors/crobots/robots/users/Marisag              |     |
| |                                                                      |     |
| |                                                                      |     |
| +--------------------------------------------------------------------+ |     |
|   1      [new file]        2      ./           3      ../               |
|   4      MyTestBot.r       5      test_file.r  6      testfile_test.r   |
|   7      testit2_test.r                                                 |
|                                                                         |
|                                                                         |
|                                                                         |
|                                                                         |
|                                                                         |
|                             ':c'=[Cancel]                               |
|                    ':?' = [Colon Command Help]                          |
+------------------------------------------------------------------------------+
(1/1): _
```

Here is where you manage your bots.

1. Choose [new file] to create a new bot file
2. Otherwise choose the number of the bot you want to edit.
3. Enter ":c" to go back to the main menu

Bot Edit

```
  GNU nano 2.5.3 File: ...rs/crobots/robots/users/Marisag/MyTestBot.r

/* Version: 1.0 */
/* BotName: MyTestBot.r */
/* Owner: Marisag */
/* rabbit */
/* rabbit runs around the field, randomly */
/* and never fires;  use as a target */


main()
{

  while(1) {
    go(rand(1000),rand(1000));  /* go somewhere in the field */
  }

} /* end of main */



/* go - go to the point specified */
                       [ Read 91 lines ]
^G Get Help   ^O Write Out ^W Where Is  ^K Cut Text  ^C Cur Pos   ^Y Prev Page
^X Exit       ^J Justify   ^\ Replace   ^U Uncut Text^_ Go To Line^V Next Page
```

CRobots uses the friendly Nano editor

Battle Screen

```
+----------------------------------------------------+ 1 /counter.r
|                                                    | ¦ D% 000    Sc 062
|                                                    | ¦ Sp 000    Hd 000
|                                                    | ¦
|                                             1      | ¦-------------------
|                                                    | ¦ 2 /MyTestBot.r
|                                                    | ¦ D% 000    Sc 000
|                                                    | ¦ Sp 025    Hd 099
|   3                                                | ¦
|                                                    | ¦-------------------
|                                                    | ¦ 3 /MyTestBot.r
|                                                    | ¦ D% 000    Sc 000
|                                                    | ¦ Sp 025    Hd 019
|                                                    | ¦
|                                                    | ¦-------------------
|                                                    | ¦ 4
|                                                    | ¦ D%         Sc
|                                        2           | ¦ Sp         Hd
|                                                    | ¦
|                                                    | ¦
|                                                    | ¦
|                                                    | ¦ Speed:            3
+-"SPACE"=go  "."=stop/step  "1-9"=select speed  "Q"=quit--+ CPU Cycle:   451
```

This is what a battle looks like. You can speed up or slowdown the game, or quit it early. The stats of each robot are:

1. D% - Damage %

2. Sc - Scan Angle
3. Sp - Speed
4. Hd - Heading

Stats Page

The stats page lists each battles results, and links to a HTML version of the chart.

```
              Welcome to the CRobots competition server

        There are currently 1 players and 1 robots in total.
          This data was last updated at 12-31-2017 00:22:20.


Player           ¦ Bot Name          ¦ Vers ¦ Wins ¦ Battles ¦ Game Date
==================================================================
Marisag          ¦ MyTestBot.r       ¦ 1.0  ¦ 2    ¦ 2       ¦ 12/29/2017


HTML version of this page available at: https://amigacity.xyz/stats.html
For more information on this game go to https://synchronetbbs.org/index.php/foru
m/crobots
--- Press Any Key To End ---
```