

AutoLISP for a door of 90 cm by 210 cm

Here's an example AutoLISP code that creates a simple door with dimensions of 90 cm by 210 cm:

```
less Copy code

(defun c:door ()
  (setq door_width 90.0) ; width of the door
  (setq door_height 210.0) ; height of the door
  (setq frame_thickness 5.0) ; thickness of the frame

  ; create door panel
  (command "rectang" "0,0" (strcat (rtos door_width) ",") (rtos door_height))

  ; create door frame
  (setq frame_width (1.5 * frame_thickness)) ; width of the frame
  (command "rectang" (strcat (rtos (- frame_thickness)) ",") (strcat (rtos door_height) ",") (strcat (rtos frame_thickness) ",") (strcat (rtos (- door_width frame_thickness)) ",") (strcat (rtos frame_thickness) ",") (strcat (rtos (+ door_width frame_thickness)) ",") (rtos door_height))

  (princ)
)
```

This code defines a function called "door" that creates a door by drawing rectangles of specified dimensions using the AutoCAD "rectang" command. The dimensions of the door, including the door width and height and the frame thickness, are defined using the "setq" command.

The code first creates the door panel by drawing a rectangle with the width and height specified in the "setq" command. It then creates the door frame by drawing rectangles of the specified dimensions using the "rectang" command.

This is a basic example of creating a door in AutoCAD using AutoLISP, and you can modify and expand the code to add more features, such as a doorknob or a window pane in the door panel. Keep in mind that AutoLISP is a powerful programming language that can automate many tasks in AutoCAD, so there are many possibilities for creating custom door designs.

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