# Design Documentation

**Release latest**

**Feb 09, 2023**

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# ONE

# COMMANDS

*Please note that all commands have prompts displayed on the CommandLine. If in doubt read the CommandLine.*

## 1.1 Commands Shortcut/Alias

Below is list of common, abreviated commands available in Design. Enter the Shortcut followed by SpaceBar or Enter.

| Icon | Short-cut | Command Description |
|---|---|---|
| | L | **Line** - Pick a start point followed by picking consecutive point(s) to draw line(s). |
| | P L | **PolyLine** - Pick a start point followed by picking consecutive point(s) to draw a continuos Poly-line. |
| | C | **Circle** - Pick a centre point followed by second point to define the radius. |
| | A | **Arc** - Pick a centre point, followed start of arc and end point. |
| | R E C | **Rectangle** - Pick a startpoint followed by oposite corner to draw a rectangle. |
| | M | **Move** - Moves selected objects from picked base point to destination point or distance (select first or during). |
| | C O | **Copy** - Copies selected objects from picked base point to destination point or distance (select first or during). |
| | R O | **Rotate** - Rotates selected objects about picked base point to a defined or selected angle (select first or during). |
| | T R | **Trim** - Select trim boundry object(s) followed by object(s) to trim. |
| | E X | **Extend** - Select boundry edge(s) followed by object(s) to extend. |
| | E | **Erase** - Select items to erase. (select first or during). |
| | DEL | **Delete** - Functions as per Erase Command. |
| | D T | **Text** - Pick start point, enter height and enter required test string. |
| | D I | **Distance** - Pick a centre point followed by second point to measure the distance. |
| | I D | **Identify** - Pick a single point to display the co-ordinates. |

*SpaceBar repeats last command*

# WHAT IS DESIGN

Design is an opensource 2D computer aided design application (CAD) application, created to meet the needs of makers and designers, hobbyists and professionals that require a first class CAD application.

## 2.1 Goals:

- Educate. Learn. Teach. Pay it forward!
- Encourge. We love CAD and we want to love CAD too!
- Be free. Zero cost and zero restrictions.
- Play Well With Others. Design uses industry standard DXF Files.

# THREE

# WHAT IS OPENSOURCE

Opensource software is a computer program for which the code is made assessible to allow inspection, modification and distribution under specific license terms. The sourcecode for Design is hosted on GitHub

# FOUR

# HOW CAN I HELP?

- Use Design, Enjoy Design and share it with your friends.

- Help others.

- Report any problems or suggest improvements on the Issue Tracker