Part Libraries and Symbols

Once installed, these Part Libraries can be viewed with the Library Browser so that parts can be inserted into your drawings (start LibreCAD, then select: "View > Toolbars > Library Browser"). On insertion, each part is converted into a block which can be re-inserted many times.

Read more about: Blocks

Read more about: Usage

WARNING: though these DXF files have been tested, scanned and re-worked in a Linux environment, we cannot guarantee that they will be entirely free from malicious code which could destroy your data or damage your computer system.

Installation

The easiest method of installation, which does not require Windows Administrator or Linux Root privileges, is to create a new folder named "library" on your Desktop or in your Documents. Download any of these Part Libraries and unzip (Extract) them into the new "library" folder, then go up a level, right-click on the folder's icon and select "Properties". The path to this folder (Location) should be something similar to "C:\Documents and Settings\User\Desktop" or "/home/user/Documents", therefore the full path to the unzipped Part Libraries within it would be "C:\Documents and Settings\User\Desktop\library\" or "/home/user/Documents/library/" (remember to include the final "\" or "/" after "library"). Make a note of this full path, restore LibreCAD, select: "Edit > Application Preferences > Paths", type the full path into the box marked "Part Libraries", select "OK", then re-start LibreCAD.

These Part Libraries are universal, that is, they have been tested on 32-bit and 64-bit systems, Windows and Linux:

Libraries

Architecture and Interior Design

Representing household furniture and fittings, the parts in this library can be used by Architects and Interior Designers.

AUTHOR **A Galley**
DATE **2006-Dec-24**
EDIT **2014-Jul-07**
KEY **architecture**

architect3-lcad.zip

Electrical Engineering

Representing electrical components, machines and controls, the parts in this library can be used by Electrical Engineers and Installers.

AUTHOR **Anand**
DATE **2014-Nov-30**
EDIT **2015-Feb-24**
KEY **electrical**

electrical1-lcad.zip

Electronics

Most of these electronic symbols (Electronic3-LCAD) are similar to the Philips-Mullard format that was in use from 1970 to 1990 and most are still in use today.

Files were originally created as part of a college project (Electronic1, 2006) using AutoCAD, but they have been re-worked and saved using LibreCAD to ensure compatibility with QCAD, LibreCAD, and FOSS (Free Open-Source Software).

AUTHOR **A Galley**
DATE **2006-Dec-24**
EDIT **2014-Jul-07**
KEY **electronics**

electronics3-lcad.zip

Mechanical

Nuts and bolts, DINs: 84, 85, 912, 929, 931, 933, 934, 963, 7991, M1 … M64

AUTHOR **Peter**
DATE **2020-Dec-17**
KEY **bolt nut**

nuts-bolts.zip

Model Railways

Various rails from Fleischmann, Märklin, Roco

AUTHOR **Peter**
DATE **2020-Dec-17**
KEY **model railway rails**

modelrails.zip

Plumbing

Symbols for plumbing plans

AUTHOR *Forum::***karantois**
DATE **2020-Jul-16**
KEY **plumbing**
REFS https://forum.librecad.org/Biblioteque-td5719225.html
NOTE French part names, probably needs an English translation

plumbing.zip

Symbols

Diverse

4-flames gas stove

AUTHOR **Arq Juan Olivera**
DATE **2022-Jun-15**
KEY **gas stove**

gas-stove-4-flames.dxf

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