OpenCNC Machines

An incomplete history of open source computed numerically controlled machines

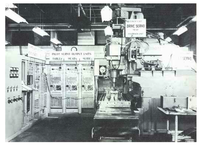
http://creativecommons.org/publicdomain/zero/1.0/

Before **2004** | 2005 | 2006 | 2007 | 2008 | 2009 | 2010

1952 MIT Machine

Gordon S. Brown Servo-Machine

http://libraries.mit.edu/archives/mithistory/histories-offices/servo.html
http://blog.modernmechanix.com/2006/04/05/an-automatic-machine-tool/



1979 RS274-D / G-Code

Standard EIA-274-D, February 1979. 3. Albus, J. S., "RCS: A Reference Model Architecture for Intelligent Control," IEEE Journal

http://en.wikipedia.org/wiki/G-code

1994 EMC

Enhanced Machine Controller project

http://www.mail-archive.com/emc-users@lists.sourceforge.net/msg05696.html

2003 FabClass

http://fab.cba.mit.edu/classes/MIT/

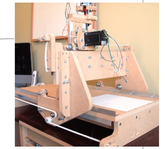
2003 EMC2

Enhanced Machine Controller Open Source Version

http://www.isd.mel.nist.gov/documents/shackleford/4191_05.pdf
http://www.linuxcnc.org/content/view/6/5/lang,english/

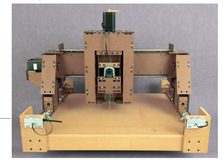
http://linuxcnc.org/

BuildYourCNC



http://buildyourcnc.com

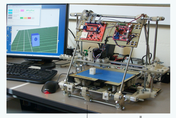
DiyLilCNC



http://diylilcnc.org/

Cam.Py

RepRap



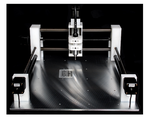
http://reprap.org

Edible Fabrication

CandyFab

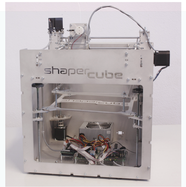
http://www.candyfab.org/

MicRo



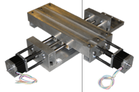
http://www.lumenlab.com/d/micro/

ShaperCube



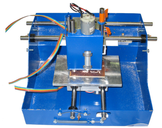
http://shapercube.com

Parametric XY



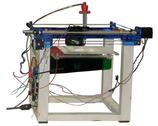
http://web.mit.edu/imoyer/www/portfolio/plaster/index.html

LowCost CNC



http://web.mit.edu/imoyer/www/portfolio/pcbmill/index.html

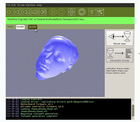
PlasterD



http://web.mit.edu/imoyer/www/portfolio/plaster/index.html

Cad.Py

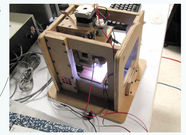
ReplicatorG



http://replicat.org/

MTM A-Z

300 dollars



http://mtm.cba.mit.edu/machines/mtm_az/index.html

Foamcore CNC

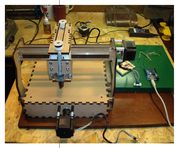
http://web.mit.edu/imoyer/www/portfolio/foamcore/index.html

Mantis

100 dollars

http://makeyourbot.org

ShapeOko



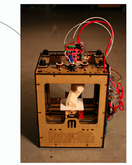
http://www.ponoko.com/showroom/edslifedaily/shapeoko-nest-3897

UCam

http://diybio.org/ucam

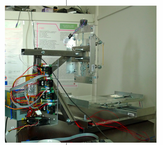
for diy bio apps

Cupcake



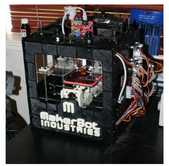
http://makerbot.com/

Usinette



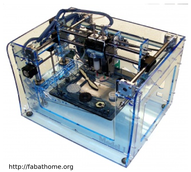
http://usinette.org/

MakerBot Replication



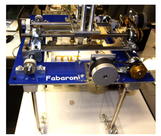
http://blog.makerbot.com/2010/06/04/a-makerbot-self-replicates/

Fab@Home



http://fabathome.org

Fabaroni

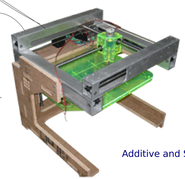


http://fab.cba.mit.edu/classes/MIT/863.07/11.05/fabaroni/

Internet 0

http://cba.mit.edu/projects/I0/

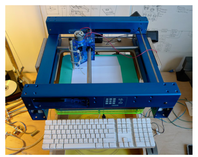
FabMate



Additive and Substractive

http://web.mit.edu/imoyer/www/portfolio/fabmate/index.html

Fab in a Box



http://mtm.cba.mit.edu/fabinabox/blog.html