Running an Open Source Hackerspace

KNOX MAKERS
community/workshop
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tracy@sfconservancy.org
Knox Makers
Knoxville, TN
knoxmakers.org
CORE VALUES

Opportunity
Focus
Volunteerism
Inclusivity
Non-commercialism
Privacy
Sharp & Electrified
Fun
Fully open

Proprietary but self contained

OR

Accessible via open tool chain

Proprietary
You are here!

Blacksmithing

Woodworking

Arts & Crafts

Hospitality

3D Printing

Fabric Arts

Electronics

Machining

Metalworking
3D Printing
Electronics
Electronics
Fiber Arts
Fiber Arts
Fiber Arts
Arts and Crafts
Arts and Crafts
Lasercutting
1: ( AXIS "splash g-code" Not intended for actual milling )
2: ( To run this code anyway you might have to Touch Off the Z axis)
3: ( depending on your setup. As if you had some material in your mill... )
4: ( Hint jog the Z axis down a bit then touch off )
5: ( Also press the Toggle Skip Lines with "/" to see that part )
6: ( If the program is too big or small for your machine, change the scale below )
7: ( LinuxCNC 19/1/2012 2:13:51 PM )
8: #<depth>=2.0
9: #<scale>=1.0
Lasercutting
### Material Library

#### Matching library entries
- **Gold**
  - #7.1 - 14K White, (All Lasertypes, 22 ops)
- **Granite**
  - #8.1 - Black, (All Lasertypes, 1 ops)
- **Knox Makers**
  - #9.1 - Metal Card, (Fibre-Laser, 6 ops)
  - #9.2 - Steel Coins, (Fibre-Laser, 6 ops)
- **Leather**
  - #10.1 - Standard, (All Lasertypes, 7 ops)
- **Polyster**
  - #11.1 - Cut, (All Lasertypes, 1 ops)
- **Powder Coat**

#### Information
- **Title**: Metal Card

#### Table
<table>
<thead>
<tr>
<th>Material</th>
<th>Knox Makers</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Image</td>
<td>Image</td>
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<tr>
<td>#2</td>
<td>Raster</td>
<td>Raster</td>
</tr>
<tr>
<td>#3</td>
<td>Engrave</td>
<td>Engrave</td>
</tr>
<tr>
<td>#4</td>
<td>Engrave</td>
<td>Hatch (0.05)</td>
</tr>
<tr>
<td>#5</td>
<td>Cut</td>
<td>Rough Cut (single pass)</td>
</tr>
<tr>
<td>#6</td>
<td>Cut</td>
<td>Multipass/Wobble Cut (0.1...</td>
</tr>
</tbody>
</table>
Main Page

Welcome to the Knox Makers Wiki!
Write Access to this wiki is limited to members.

About Knox Makers
Here is a history of Knox Makers
<table>
<thead>
<tr>
<th>PERSON</th>
<th>THUMBNAIL</th>
<th>PERMISSIONS</th>
<th>RFIDS</th>
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<tbody>
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<td></td>
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<tr>
<td>LAST NAME</td>
<td>HOMER</td>
<td></td>
<td></td>
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<tr>
<td>EMAIL</td>
<td><a href="mailto:tracy@knoxmakers.org">tracy@knoxmakers.org</a></td>
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<tr>
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<td>RENEW DEADLINE</td>
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<td>JOIN DATE</td>
<td>2016-07-11</td>
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<td>TRIAL ENDS</td>
<td>2016-08-11</td>
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</tbody>
</table>
haxbot

tracy /people PEOPLE_ID=144

NAME
TRACY HOMER

PEOPLE_ID
144

EMAIL
tracy@knoxxmakers.org

JOIN DATE
2016-07-11

MATTERMOST
tracy

MEMBERSHIP
MEMBER

PHONE

TRIAL ENDS
2016-08-11
SHARE
• show one project you made
• for three minutes
## Popular repositories

<table>
<thead>
<tr>
<th>Repository</th>
<th>Description</th>
<th>Language(s)</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>KM-Laser</td>
<td>Inkscape extension for Knox Makers Laser Cutter</td>
<td>Python</td>
<td>45</td>
</tr>
<tr>
<td>Electronics</td>
<td>Schematics, board files, firmware, slide decks, and the like</td>
<td>C++, Python</td>
<td>3</td>
</tr>
<tr>
<td>CodingWorkshops</td>
<td>Source code for coding workshops conducted by the Knoxville Hackerspace</td>
<td>Arduino</td>
<td>2</td>
</tr>
<tr>
<td>LaserCNC</td>
<td>Files related to Knox Makers laser cnc machine</td>
<td>JavaScript</td>
<td>1</td>
</tr>
<tr>
<td>cncfm</td>
<td>File Manager Web App for CNC</td>
<td>Python</td>
<td>2</td>
</tr>
<tr>
<td>3D_Printing</td>
<td>3D printing repo for Knoxmakers</td>
<td>C</td>
<td>1</td>
</tr>
</tbody>
</table>
Google <no-reply@accounts.google.com>
to me

Images are not displayed. Display images below. Always display images from no-reply@accounts.google.com

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Google
A new sign-in on Linux

tracy@knoxmakers.org

We noticed a new sign-in to your Google Account on a Linux device. If this was you, you don't need to do anything. If not, we'll help you protect your account.

Check activity

You can also see security activity at https://myaccount.google.com/notifications

You received this email to let you know about important changes to your Google Account and services.
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boo
Thank you!

knoxmakers.org

tracy@knoxmakers.org