Project Logbook: Source control commits

James Glanville (EM)

27th May 2013

This document lists the "commits" to version control of the files used by this project. It accompanies the written part of the project logbook.

```
commit be9773fd95359448ba6e1b0b9881eb9a851a26a7
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 06:15:57 2014 +0100

    added description of project files

commit 28ff3205dc246fd875f4cb3878c7ed79d1afa49c
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 03:01:59 2014 +0100

    updated images

commit 476ecbe7e7f1f283968c100f1ee979bc9f67e0e1
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 02:59:08 2014 +0100

    flake

commit e32a4bd9ff6db6cf4059d3faa9e53f1b95406e21
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 02:56:19 2014 +0100

    added dial

commit 616ecdbc339f8bf927f12ab760dc1f0b43402ae0
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 02:46:24 2014 +0100

    worm

commit 72672f258b2fcf44f7d100846fd0704006c909e7
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 02:40:41 2014 +0100

    added extruder pictures

commit e7970595bdd7b260f28a00d4215287a26ea9bf71
Merge: 58bbcb8 0511d8e
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 02:02:59 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 58bbcb8d9fd98e9d139f64d4f3de9cd00f90b198
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue May 27 02:01:08 2014 +0100

    added paste extrusion picture

commit 0511d8e939e501d34b8781562124ce1a2bca20e7
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Mon May 26 08:44:57 2014 +0100

    added automated inspection

commit 8de54763df7afcf1d26e6472f1e15ba3c3143124
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Mon May 26 08:05:45 2014 +0100

    moved software up in report

commit 4a7f587850cca424a8524f9275320fc2fe82cb78
Author: James Glanville <james.n.glanville@gmail.com>
```

```
Date:    Mon May 26 08:04:32 2014 +0100

    mostly finished rejigging of report

commit a97f863c943e20164e02c5c7e8743267b815f8b2
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 26 06:57:33 2014 +0100

    compiled

commit 203ca830efe49617a1706961417f2e3c89a27517
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 26 06:57:20 2014 +0100

    commited loads of report improvements

commit 3cf259b4cd249746ace46c3ec7bf40359cc838fe
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 26 03:45:46 2014 +0100

    rewrote axis design

commit 4d31fec4270bd1621447bab43c613ada1886aa69
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 26 01:48:11 2014 +0100

    rewritten intro

commit 66d4e6cdde2fb10fa00ef4ed94bb8608006e49be
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:34:25 2014 +0100

    added fuse comment

commit e3bc0cc851bd645197c29d3c5325652885c1fad7
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:32:45 2014 +0100

    neatened report, added worm extruder reference, explained usb serial choice

commit 1e831b2986c1fd2a3bdcdd91cb48a41b62d96aaa
Merge: a4ad5c4 d3171ec
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:28:03 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit a4ad5c429a81810bf6ad2ead2db8f36edb7dd5a9
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:27:41 2014 +0100

    added worm extruder placeholder

commit d3171ec8936d1d461cfe51ea6031ff6cb2dac292
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:17:27 2014 +0100

    added user interaction section

commit a1f12c71f88fea607e8d9774bea5166479b83729
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:14:20 2014 +0100

    added more evalution comments

commit c1b7b607e3a364a0dccd6bf65bfe79414a4e228f
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:05:41 2014 +0100

    compiled handbook

commit e3355d8447857030645731c2350ea6d7b86bafd4
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:05:24 2014 +0100

    mentioned handbook

commit b522dc28eaa77633fa11a85b3ac2e91a94aabcd3
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:03:17 2014 +0100

    added untracked breakout board files

commit ba433ed3ce99d598b5ac8b4de548c37e96060617
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:02:50 2014 +0100

    actually compile the report...

commit 9e93da7c5f4e92970121ae5def530fde1f812e15
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri May 23 04:02:31 2014 +0100

    added pronterface section
```

```
commit 85c41c7319bc6a8934fb4cb32eed78d3c5c5ad85
Merge: f436821 cbd1418
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:56:44 2014 +0100

    Merge branch 'master' of github.com:JamesGlanville/solderingmachine

commit cbd14187e11b4bf5369daa967be959ba6e89e8ee
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:55:42 2014 +0100

    added spindle photo

commit f43682134f939154fae1c43896d61b38c1136235
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:51:09 2014 +0100

    added lcd UI

commit 49f3991783dfdeecb39ee95a6a4f3768d4bc4dd5
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:42:07 2014 +0100

    moved heat calculations to appendix

commit 0d07de97507b127832cc0239fdccfd9346fd806e
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:36:32 2014 +0100

    added pictures of breakout board

commit 0412bffa3e5bea952975070e7549eac3c1fd925b
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:28:24 2014 +0100

    added breakout photos

commit a5dc4798a3e10d7496a0726b3b5f9d2d26393806
Merge: 7d7e808 35b980e
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:28:10 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 7d7e808927a195a16875be549ab1147f070852a0
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 03:27:25 2014 +0100

    added errors.svg

commit 35b980ec1b7423b2353f8e5350f772dd9ce1696a
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 02:08:56 2014 +0100

    technical abstract draft finished.

commit 8a1beb511428a30156d1ba1e9aa6f0312bc11391
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Fri May 23 02:01:36 2014 +0100

    added technical abstract pdf

commit 2f40e8bfa781e01af44ac7bf3dd144642e42f60f
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu May 22 15:49:14 2014 +0100

    added sample technical abstract, added risk assessment to the report and updated compile script

commit d4a779859c2188cc790e3c0d28d26c9f6520c456
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu May 22 13:56:20 2014 +0100

    compiled updated conclusion

commit 006f2bd7823ca2892cd49389e3d8a693e2cb48dd
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu May 22 13:50:16 2014 +0100

    project management section added

commit 079d2832cc88e67b81c26c107b5a8fb8b0b10ee1
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu May 22 13:38:10 2014 +0100

    added conclusions

commit 6a108d951b5270d891d28bf401e7a40dc0cb3b83
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu May 22 13:21:18 2014 +0100

    added conclusion section, needs work

commit ca13f70176eef75e5390e2d8dd90728513e91dbb
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu May 22 12:13:28 2014 +0100
```

```
    added handbook

commit cf1945bfe2ab65d7c7fad71bd334f011fe0f679c
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu May 22 12:12:38 2014 +0100

    added pictures, and fixed report

commit 2b3fb1fa7d50fe98ad7f8588141b3d3315fd3f7c
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu May 22 11:11:20 2014 +0100

    fixed handbook formatting for compilation

commit 618cfd3c311580fdb87df2ef2e190ec1576721f8
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu May 22 10:43:49 2014 +0100

    added some operating steps

commit fbffecc58c31d3f0134e111f67b9e107517c3bed
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue May 20 05:49:09 2014 +0100

    moved install instructions to handbook

commit 3b4688e24a0eeff2abe04dc419f119ab75937a57
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue May 20 05:48:33 2014 +0100

    Updated compilation script

commit d79154fd04b495797574b7da922594de38a830a5
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 15:06:21 2014 +0100

    improved report from feedback comments

commit c76163ba03a5387687effa5b3ee43cf089438768
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 14:28:26 2014 +0100

    added glossary

commit e89db8e494c88a2e6dee63557bc22b3d07df7af3
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 14:10:19 2014 +0100

    added compilation script, a lot of spelling errors fixed and a few more citations added

commit a251931ab1762315b1421c3b589faf6221faad96
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 02:56:46 2014 +0100

    started tidying up equations

commit eef4a8468600c7bfc24dcb5605e7fdbd6d555516
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 01:38:02 2014 +0100

    added error testing sketch

commit 304eccce41f63b2bf7874fe243c9382fc79cede0
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 01:30:57 2014 +0100

    added sketch of errors

commit a613c2290fa402f886735841eedf68a3b67d0be3
Merge: 6d3572c 413baf2
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 01:10:22 2014 +0100

    Merge branch 'master' of github.com:JamesGlanville/solderingmachine

commit 6d3572cea29c17fd0f7add2b1bd1b51d0da1a29e
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 01:10:06 2014 +0100

    adding report sections

commit 413baf239f36214d61e3466aee61b93bad3cd797
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 01:09:29 2014 +0100

    add placeholder dial gauge photo

commit ce4ff19cb3719f1cabce3f93bf2f33d76f32f741
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon May 12 01:02:14 2014 +0100

    added terminology section

commit 2b606287cb2c345ea5f0a73f5f2bd3110190aeef
```

```
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Sun May 11 23:34:39 2014 +0100

    microscope pics

commit 6b9476e21f310840f136928d2a7788ce0b658ccb
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Sun Apr 27 12:07:51 2014 +0100

    added microscope pictures for later use in report

commit feaa46bf5add809bbe41f1cd8ef11f675c2ced78
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Sun Apr 27 12:07:38 2014 +0100

    various boards and part updates

commit 1f6a0fe7b88d24762fab9ebfacc2ddb848be56c5
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Apr 4 02:55:34 2014 +0100

    added usb isolator stuff

commit c1d7159f5b995da61e6ad6ceaed02d56e41f4b9b
Merge: 2b94900 9cb561c
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Apr 4 02:42:43 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 2b9490062f7ec1a77effa032e1eb1e6ce5f708a3
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Apr 4 02:42:13 2014 +0100

    added usbisolator schem

commit 9cb561cf713c94b6086a79830c16756d2c1ffc4b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 09:08:35 2014 +0100

    added some speed stuff, need more

commit 39a06cd42f4d7dde3f992bbea79089458be64e4b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 08:36:49 2014 +0100

    added render of machine

commit ca871987b4c4e934171a2da9ce1b135ee693479d
Merge: a2ed30a aecdaf6
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 08:19:46 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit a2ed30a0d17c2f7cd74921aaca8ff509bce146fd
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 08:19:28 2014 +0100

    added sample render

commit aecdaf619c5698b2cbedcfca2310b85efd06970f
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 08:04:31 2014 +0100

    Rewrote a lot of the decision making part of the report

commit 64e9964a4a49196e9696ccb34e4201480461e552
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 08:03:56 2014 +0100

    added old breakout picture

commit ba1fb672a9f7494deb1cc488ec78a30a6c4ca82c
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 08:00:31 2014 +0100

    annotated hc-05 breakout

commit 213c948e1befb752ca86b38a3b0fc897f9150d1b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 07:55:47 2014 +0100

    added hc-05 breakout

commit 7914d034bc4462fe269a283aafa2ae2959b13bb5
Merge: b03a1bf 7fd0fe6
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 07:12:33 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit b03a1bf40ca6a9156e7c719f71aa5ed686c8211d
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 07:12:29 2014 +0100
```

```
    added soldering pictures

commit 7fd0fe6d1dbfbf937102e76e23691b2458226198
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 05:12:00 2014 +0100

    added some figures

commit 85ef3c34d211fac340e8363f88a43efbed0d1702
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 05:11:20 2014 +0100

    added example smd solder

commit 727d97c680497ac6f0ea81b4a4b6b7a8e2f05c86
Merge: 1995c10 0f5404a
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 05:04:19 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 1995c10c55fc432992f7e25e1d7d63b7479172d0
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 05:02:25 2014 +0100

    added example smd board

commit 0f5404a53d34854adae5df6f32065c38dfcef879
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 04:53:08 2014 +0100

    added i2c lcd backpack schem

commit 0af3886c2b1c009f7fd3cdeedfceea9076dbe31b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 04:45:27 2014 +0100

    redrew servo exceriser

commit 767ad3c8e54a992af75df8db46a9cc6539f3d338
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 04:15:29 2014 +0100

    added electronics folder

commit 212cf5ce064a38eac4a181e1c5b646e6e40f169a
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 04:14:56 2014 +0100

    added lcd_backpack schem

commit 37d6f7fb0bf62e9ad469130d11cb6d975c1f55c0
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 03:37:58 2014 +0100

    exported all drawings as pdfs

commit 072841141b5ca9eebe0a47c296fa42e98c8e5e78
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 02:33:07 2014 +0100

    started exporting drawings

commit cc394e398bfef7f910a55c81e5fc8eedc7815aaf
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Apr 3 02:32:57 2014 +0100

    started exporting drawings

commit c465eb2c03f916c359abcbec1561a64029786ac4
Merge: ef57b4b 7ee3419
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Apr 2 23:24:01 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 7ee3419902dd162c178f0bbdc626980d09970457
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Apr 2 22:22:56 2014 +0100

    added sample part list to report with instructions

commit ef57b4b872d4856eed4ecb1708bf2d5c8312d34d
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Apr 2 22:10:23 2014 +0100

    added part list

commit 4f5018dacff4a62981d91909c9b9601c9a48c1a6
Merge: d3443a3 078eb29
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Apr 2 03:39:04 2014 +0100

    Merge branch 'master' of github.com:JamesGlanville/solderingmachine
```

```
commit d3443a329b814df63e86c67b972e11d74accac33
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Wed Apr 2 03:38:58 2014 +0100

    added milling settings

commit 078eb2937f3ac4105ae0566ceb84c7d7c582deed
Merge: 264199b 6ec9bdb
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Wed Apr 2 02:57:54 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 6ec9bdb145909a4640336e932c95728d5be47c50
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Wed Apr 2 00:06:04 2014 +0100

    actually added gear photos

commit c937b8c52d916f70aeeaf111df390344a1c6d670
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Wed Apr 2 00:05:50 2014 +0100

    added milled gear photos

commit 264199bd74c4cb89a0102dab460ce60e21a26fe7
Merge: 1352f96 25e94a2
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Apr 1 23:54:10 2014 +0100

    Merge branch 'master' of https://github.com/JamesGlanville/solderingmachine

commit 1352f9601abcbaebe65abb4e5cd6cc59548017d3
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Apr 1 23:40:05 2014 +0100

    added xt60 panelmount and spindle updates

commit 9c2ed89c48e1be0418d418a591f5e7dfdf1e8c30
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Apr 1 23:39:54 2014 +0100

    Added milling gcode

commit 25e94a244e91335a4034e2efaadfad5df91625fb
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Apr 1 12:30:18 2014 +0100

    updated report

commit 1a7247ea6d4350585adab43c8ce28b0980be43a3
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Mon Mar 31 20:44:52 2014 +0100

    added test board

commit 5af473526038cf38707fde57f5b6acada2420617
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Sat Mar 29 04:58:22 2014 +0000

    update for backup

commit b03f2fbe5228414ce4c10733fdfd839c95752be2
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu Mar 27 07:32:48 2014 +0000

    added pcb2gcode improvements

commit 259ea119b03991260f2e3d9044925353466cb6df
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu Mar 27 07:32:44 2014 +0000

    added pcb2gcode improvements

commit 0de7cea95e0a1e5799b0b486c7e35454e71f7387
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Thu Mar 27 01:14:26 2014 +0000

    added hot air tool to report, as well as milling

commit 0b25339b404f890f1fa8c227de0df18592a31fa2
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Wed Mar 26 23:40:44 2014 +0000

    added milling andhotair

commit a60209a842c2cbff807938777e72cc80d0ebf685
Merge: 48d04f9 d7c54e4
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Wed Mar 26 02:26:30 2014 +0000

    Merge branch 'master' of github.com:JamesGlanville/solderingmachine

commit 48d04f9987a086ea6f2a8ff029ca999b55cc0db9
```

```
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Mar 26 02:26:21 2014 +0000

    remembered to track report resources

commit d7c54e4e5a834b1aa3498991676604d33ba61ff1
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Mar 26 02:16:08 2014 +0000

    started adding new improvements

commit 0915a81c481847fed21396b86eed042d216b8d98
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Mar 26 01:27:59 2014 +0000

    started double-sided board thoughts

commit ad9c52f55fa9de11ef6f2c7ce468a20278e7c6d1
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Mar 26 01:00:40 2014 +0000

    added section on hot air tool

commit 5e5aa922f6169703d9ec9c99e752722ba8775e5a
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 05:04:42 2014 +0000

    added brief text about newer extruders

commit 136d43fd59ee8eac9eaa1692a2fef18563956856
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 04:54:49 2014 +0000

    added zeroing

commit 560ceae18f4e5ac740c1104781b4d8d10957a7e2
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 04:44:31 2014 +0000

    added calliper mod

commit bd54b731dbf1b178aafecaa7e80c6e5a0e64ad2f
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 04:10:29 2014 +0000

    added example SMD sizes

commit 5a27fead53d157085e0dd23098bc6634fb8fc7b3
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 03:37:51 2014 +0000

    added servo tester stuff

commit 7244441d2854335681b8af89c23ce5e617f5663b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 02:43:52 2014 +0000

    redid solder methods

commit ec74cb442cc665ea6ccaec55702b5132bfddc9b2
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Mar 24 02:00:52 2014 +0000

    added bluetooth module details and usb serial stuff

commit 91d0b75b8d5105e181b609b9e2dd019ff96c9623
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Mar 11 02:18:25 2014 +0000

    lots of creo updates

commit 78b99e37022ec90172d33f83652f04e9852f9aaa
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Feb 7 05:32:28 2014 +0000

    parts drawing

commit ad10d73a66347ca155ff32fb754a0b8c858a150d
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Feb 6 13:11:26 2014 +0000

    added drawing for meeting

commit 3f9ecf50705048f4fb529493a464ea41a931297e
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Feb 6 11:24:38 2014 +0000

    gahg

commit 6889c5fd28da512f8e373a499b2822e64ba0551a
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Feb 6 01:59:23 2014 +0000

    Lots of creo updates
```

```
commit f36dc4aedd5b1acf776d62424101660d98bf7ee2
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Sat Dec 21 14:04:21 2013 +0000

    new design

commit 11e46ab9fe18899f90091d495350d12311ef1d2b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Dec 6 03:18:37 2013 +0000

    added mounting z blocks

commit e293275a3b50f3734729fb3946270197da9b7c57
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Dec 6 02:17:27 2013 +0000

    added dimensioned drawings

commit 1a92d773227dd1d32aa5eea4f738a52e85f69185
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Nov 20 20:03:54 2013 +0000

    new design

commit 3863ca0f691c599abbbc39ae92a2541552aca6e4
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Nov 13 15:36:19 2013 +0000

    drew z axis

commit db8a031faed4d26dc56d767c6a47c4428376eeca
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Nov 12 19:04:57 2013 +0000

    added zip

commit 648e0bb36c235c3b0fc9f06beb646555b59f1da0
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Nov 12 17:23:13 2013 +0000

    added creo parts

commit 5eb41ef7fd0e03b9dafab3e72ca3dbbe1cbdfc3a
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Nov 12 04:11:20 2013 +0000

    added rules+pdf

commit aedaf89cafdc827e4cf2fa69869580058c834b53
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Nov 12 04:11:14 2013 +0000

    added rules

commit c4975c9fa71d72f1f46a79c48d0dddfe251375cc
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Nov 12 03:58:46 2013 +0000

    added solder paste extrusion section

commit 966450451b30f18176a93f2584b4d3c14b8938d4
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Nov 12 03:11:12 2013 +0000

    added some new parts

commit 00d08af5d5c47f771799bf693ee3d5379cbdf927
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Fri Nov 1 13:57:06 2013 +0000

    improved corner.scad to reduce height

commit 40c1fc93e21f56e2e2cb881131f6b12d90484834
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Nov 4 16:45:11 2013 +0000

    added testing notes

commit e4582495e609ef54304441d01e1b62c521d32966
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Nov 4 16:40:09 2013 +0000

    added section on host software

commit ea528e57aff970bb4940372d6bfa913c05bda992
Merge: a0487f2 5d02d67
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Nov 4 16:22:10 2013 +0000

    Merge branch 'master' of github.com:JamesGlanville/solderingmachine

commit a0487f238f614c7c9bc2bd01cae3bb28b988fad0
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Mon Nov 4 16:21:58 2013 +0000
```

```
    added section on heating solder paste

commit 5d02d679339fea788f9c524c9ecf487aaedb8998
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Oct 24 20:03:00 2013 +0100

    added a bit more to the new axes design

commit 30c9604535660280b6d38be67deb8addef95d4f7
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Thu Oct 24 14:48:29 2013 +0100

    added new design

commit 6dc26074ee9204b9d7c7d808612b26897c3579b5
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 22 16:57:07 2013 +0100

    tex->pdf, and added line about host pc

commit 73314f430c00afda991f0f91ca93c2d8ca4e80c8
Merge: 5eb1dd3 dfbd73d
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 22 16:56:42 2013 +0100

    Merge branch 'master' of github.com:JamesGlanville/solderingmachine

commit 5eb1dd374b9a21a3422756d3e1cc7c642e398596
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 22 16:52:56 2013 +0100

    added isolation routing to report

commit dfbd73d5ce2b40ad09d4ee8b3fbd29ddc2ec3754
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Oct 16 16:30:12 2013 +0100

    added design renders

commit 58537b08411651220cd0a6d16b6a5683380b1f9e
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Wed Oct 16 16:19:43 2013 +0100

    added design sketch

commit bb2eeecc2ec3841b2c8ea8936952e26ccdf8e848
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 23:00:46 2013 +0100

    tidied up report.tex

commit fc3708a89d70b917f48943102fd79b574d35ce59
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 23:00:42 2013 +0100

    tidied up report.tex

commit 677069188d5c4397c44d98691b1eb2c9a555692b
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 23:00:18 2013 +0100

    tidied up report.tex

commit 3077b319bc52e9c2ae9b2a5185e157c3be68eaac
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 21:10:20 2013 +0100

    added .gitignore for latex

commit 736c48e145c3b2971ccb5778597896a2c191b241
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 20:48:55 2013 +0100

    added photos + requirements

commit ed8ab29ea90f96413ae85cb95efe12673eb7b667
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 19:09:48 2013 +0100

    Added photos

commit cc219b5ae430d8bb9c8d63d77a3c5918aaa930fe
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 17:53:30 2013 +0100

    Added driven corner stl

commit 0a278f4fea8670b4b886ca9b7fa5f14d42bd8dc4
Author: James Glanville <james.n.glanville@gmail.com>
Date:    Tue Oct 15 17:52:32 2013 +0100

    Added prototype part designs

commit 21e62bd672b965d0cc58bee7af8a667e70a3de97
Author: James Glanville <james.n.glanville@gmail.com>
```

```
Date:   Tue Sep 10 22:45:32 2013 +0100

    started adding info about vacuum pump

commit 2a54d57bae07dee31ac218bf5d75b6f36aabdc2d
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Jun 11 16:25:49 2013 +0100

    added design subsections

commit 5e8ed99ada07b41216d7b6d73360ba16cb37341f
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Jun 11 15:35:54 2013 +0100

    Started report

commit fc72ba47fe29fec48c7edab8aada2aa4b8a57510
Author: James Glanville <james.n.glanville@gmail.com>
Date:   Tue Jun 11 06:47:46 2013 -0700

    Initial commit
```