

SOFTWARE ENGINEERING

IN THE MARIOKART SYSTEM

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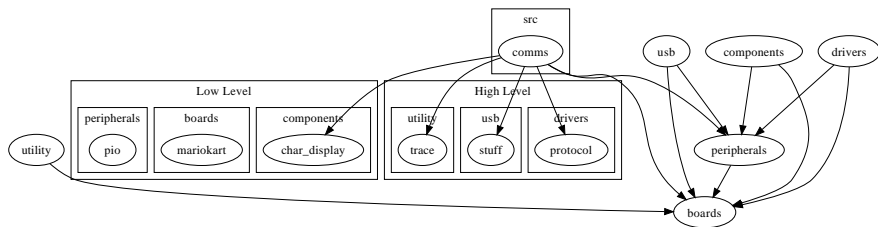
1 SOFTWARE LAYOUT

- Logical
- Directories

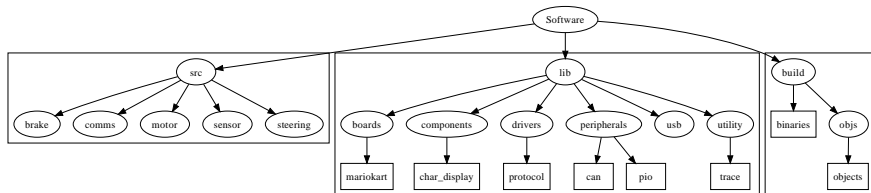
2 CONTINUOUS INTEGRATION

- What is it?
- CI Joe
- Examples

SOFTWARE LAYOUT - LOGICAL



SOFTWARE LAYOUT - DIRECTORIES



CONTINUOUS INTEGRATION - WHAT IS IT?

CONTINUOUS INTEGRATION - CI JOE

CONTINUOUS INTEGRATION - EXAMPLE 1

CI Joe because knowing is half the battle

mariokart

Build

2011-09-18 01:28 » Built master at [b464a16](#) (worked) in 135.826144 seconds.

CONTINUOUS INTEGRATION - EXAMPLE 1

CI Joe because knowing is half the battle

mariokart

2011-09-18 03:20 » Build starting...

2011-09-18 01:28 » Built master at [b464a16](#) (worked) in 135.826144 seconds.

CONTINUOUS INTEGRATION - EXAMPLE 1

CI Joe because knowing is half the battle

mariokart

Build

2011-09-18 03:20 » Built master at [fc2a97c](#) (failed) in 4.422625 seconds.

```
make: Entering directory `/var/www/cijoe-repos/mariokart/app/Software'
make[1]: Entering directory `/var/www/cijoe-repos/mariokart/app/Software'
src/brake/main.c: In function 'main':
src/brake/main.c:102:27: error: expected expression before ';' token
src/brake/main.c:135:5: error: expected ';' before '}' token
src/brake/main.c:97:15: error: unused variable 'msg' [-Werror=unused-variable]
cc1: all warnings being treated as errors

make[1]: *** [build/objs/src/brake/main.o] Error 1
make[1]: Target `rebuild' not remade because of errors.
make[1]: Leaving directory `/var/www/cijoe-repos/mariokart/app/Software'
make: *** [test] Error 2
make: Leaving directory `/var/www/cijoe-repos/mariokart/app/Software'
```

From: CI Joe <cijoe@nemo157.com>
Subject: Building mariokart Failed
Date: 18 September 2011 3:21:23 PM NZST
To: ag@henryjenkins.name

Hide

1 Duplicate **2**

Building [mariokart](#) failed

Latest commit info:

- fc2a97c: Breaking the build for my presentation - Wim Looman <[ghostunderscore@gmail.com](#)>

Build Output

```
make: Entering directory `/var/www/cijoe-repos/mariokart/app/Software'
make[1]: Entering directory `/var/www/cijoe-repos/mariokart/app/Software'
src/brake/main.c: In function 'main':
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```

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CI Joe
Because knowing is half the battle.