



# **the story of cyber-dojō (so far)**

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**charity : <http://cyber-dojō.org>**

**late 2009**



**THE  
SCOTS  
MAN**

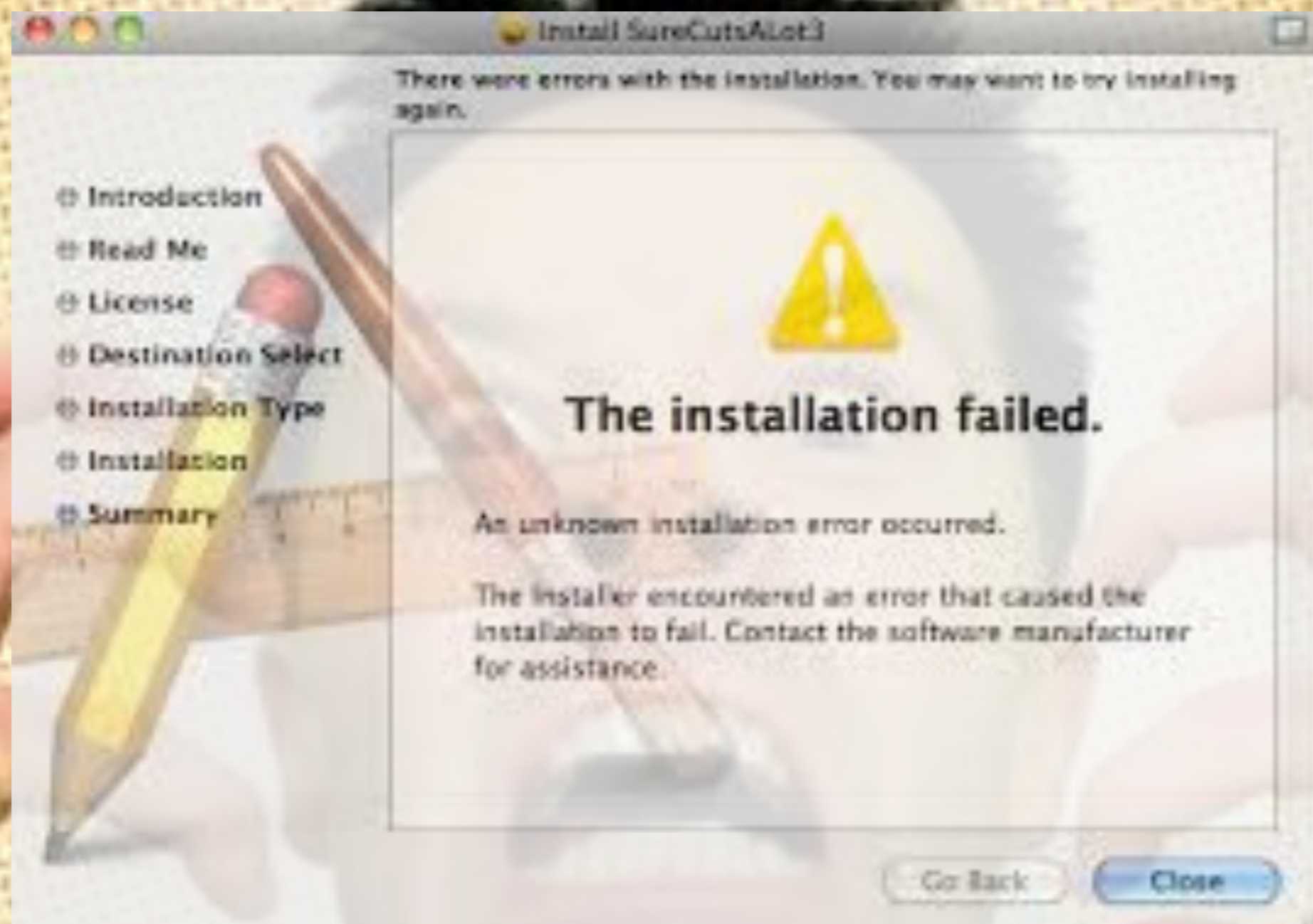
**RESTAURANT  
PUB**



PROJECTOR ID	ALL
PROJECTION METHOD	FRONT/FLOOR
COOLING CONDITION	AUTO
HIGH ALTITUDE MODE	UNDER 2700m
OPERATION SETTING	
OPERATING MODE	NORMAL
MAX LIGHT OUTPUT LEVEL	100.0%
LIGHT OUTPUT	100.0%
BRIGHTNESS CONTROL	OFF
STANDBY MODE	NORMAL
SCHEDULE	OFF
STARTUP INPUT SELECT	LAST USED

▲  
▼ MENU SELECT

◀ ▶ CHANGE









# https://github.com/JonJagger/cyber-dojo

JonJagger / cyber-dojo

Unwatch 26

Unstar 185

Fork 76

Code

Issues 2

Pull requests 0

Wiki

Pulse

Graphs

Settings

cyber-dojo Foundation's free in-browser coding-dojō, running live at <http://cyber-dojo.org/> — Edit

7,367 commits

3 branches

0 releases

22 contributors

Branch: master

New pull request

New file

Upload files

Find file

HTTPS

<https://github.com/JonJagger/cyber-dojo>



Download ZIP

JonJagger moving cyber-dojo script and associated install scripts to master so ... Latest commit 8b392e6 3 hours ago

<a href="#">admin_scripts</a>	fixed docker-machine-runner.installed? so it only reports true if doc...	a month ago
<a href="#">app</a>	refactoring	a month ago
<a href="#">caches</a>	uncomment docker-machine-refresh in caches; default should not be to ...	8 days ago
<a href="#">config</a>	check tests all pass after merging docker-compose branch	a month ago
<a href="#">db</a>	misc yak-like alterations as I move my main development environment f...	a year ago
<a href="#">doc</a>	rake doc:app update	6 months ago
<a href="#">docker</a>	moving cyber-dojo script and associated install scripts to master so ...	3 hours ago
<a href="#">exercises</a>	create readonly docker-data-containers for l	
<a href="#">katas</a>	refactoring	
<a href="#">languages</a>	create readonly docker-data-containers for l	
<a href="#">languages_offline</a>	languages_offline<->Dockerfile folder separ	
<a href="#">lib</a>	set docker_runner.sh back to running when cyber dojo app server reem...	20 days ago

 **cyber-dojo.org**  
the place to practice programming

**DEMO**

cyber-dojo is free for *non-commercial* use.  
commercial use requires a license.  
need a license? simply make a donation.

100% of your donation buys  
Raspberry Pi computers for  
children :-)

**please  
donate**

Scottish Charitable  
Incorporated Organisation  
magic number SC045890

**cyber-dojo  
foundation**



# thank yous



**Byran Wills-Heath**



**Nadya Sivers**



**Seb Rose**



**Olve Maudal**



**Dymtro Mindra**



**Mike Long**

# **PRINCIPLES**

# **Interactive Dojo Environment**

- **team based**
- **learning focused**
- **test driven?**
- **work slower**
- **no time pressure**
- **repeat work**
- **have fun**

# **Integrated Development Environment**

- **individual based**
- **finish focused**
- **test driven?**
- **work faster**
- **time pressure**
- **don't repeat work**
- **make money**

- **work slower**

- **work faster**

## FAQ

# Why don't you add ...?

No. Listen.

Stop trying to go faster; start trying to go *slower*.

Don't think about finishing; think about improving.

Think about practising as a team.

That's what cyber-dojos are built for.



- team based**

- individual based**



- **learning focused**

- **finish focused**

```
diff?  ●●●●●●●●●●
◀ [img alt="bear icon"] ▶
◀ 10 ▶
fizzbuzz.tests.c 0 3
fizzbuzz.c 0 0
fizzbuzz.h 0 0
instructions 0 0
output 0 2
cyber-doho.sh 0 0
makefile 0 0
22 = }
23 =
24 = static void multiple_of_5_returns_buzz(void)
25 = {
26 =     char str[32];
27 =     fizzbuzz(5, str, sizeof str);
28 -     if(strcmp(str, "Buzz") == 0)
29 -         assert(true);
30 -     else
31 -         assert(false);
28+     assert_if_strings_match(5, str, "Buzz");
29 = }
30 =
31 = static void multiple_of_3_and_5_returns_fizzbuzz(void)
32 = {
33 =     char str[32];
34 =     fizzbuzz(15, str, sizeof str);
35 -     if(strcmp(str, "FizzBuzz") == 0)
36 -         assert(true);
37 -     else
38 -         assert(false);
35+     assert_if_strings_match(15, str, "FizzBuzz");
36 = }
37 =
38 =
39 = int main(void)
40 = {
41 =     multiple_of_3_returns_fizz();
```

**how did it work first?**



# how did it work next?



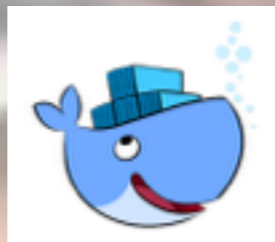
[cyberdojofoundation/java\\_cucumber](https://github.com/cyberdojofoundation/java_cucumber)



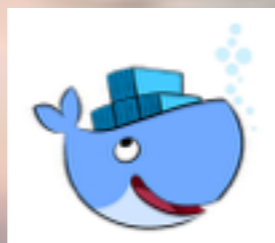
[cyberdojofoundation/ruby\\_minitest](https://github.com/cyberdojofoundation/ruby_minitest)



[cyberdojofoundation/gcc\\_assert](https://github.com/cyberdojofoundation/gcc_assert)



[cyberdojofoundation/gpp\\_googlemock](https://github.com/cyberdojofoundation/gpp_googlemock)



[cyberdojofoundation/csharp\\_nunit](https://github.com/cyberdojofoundation/csharp_nunit)



**server**

# how does it work now?



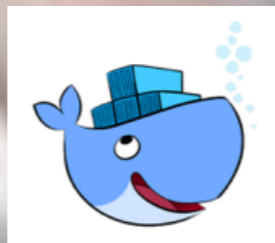
**server**



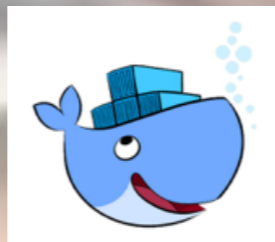
**cyberdojofoundation/java\_cucumber**



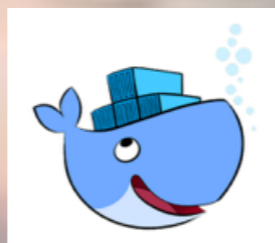
**cyberdojofoundation/ruby\_minitest**



**cyberdojofoundation/gcc\_assert**



**cyberdojofoundation/gpp\_googlemock**



**cyberdojofoundation/csharp\_nunit**

**CODE**

The background of the slide is a vibrant sunburst pattern. It features a central white point from which numerous thin, bright yellow rays radiate outwards, creating a sense of energy and brightness. The overall color palette is dominated by warm yellows and oranges.

**summary**