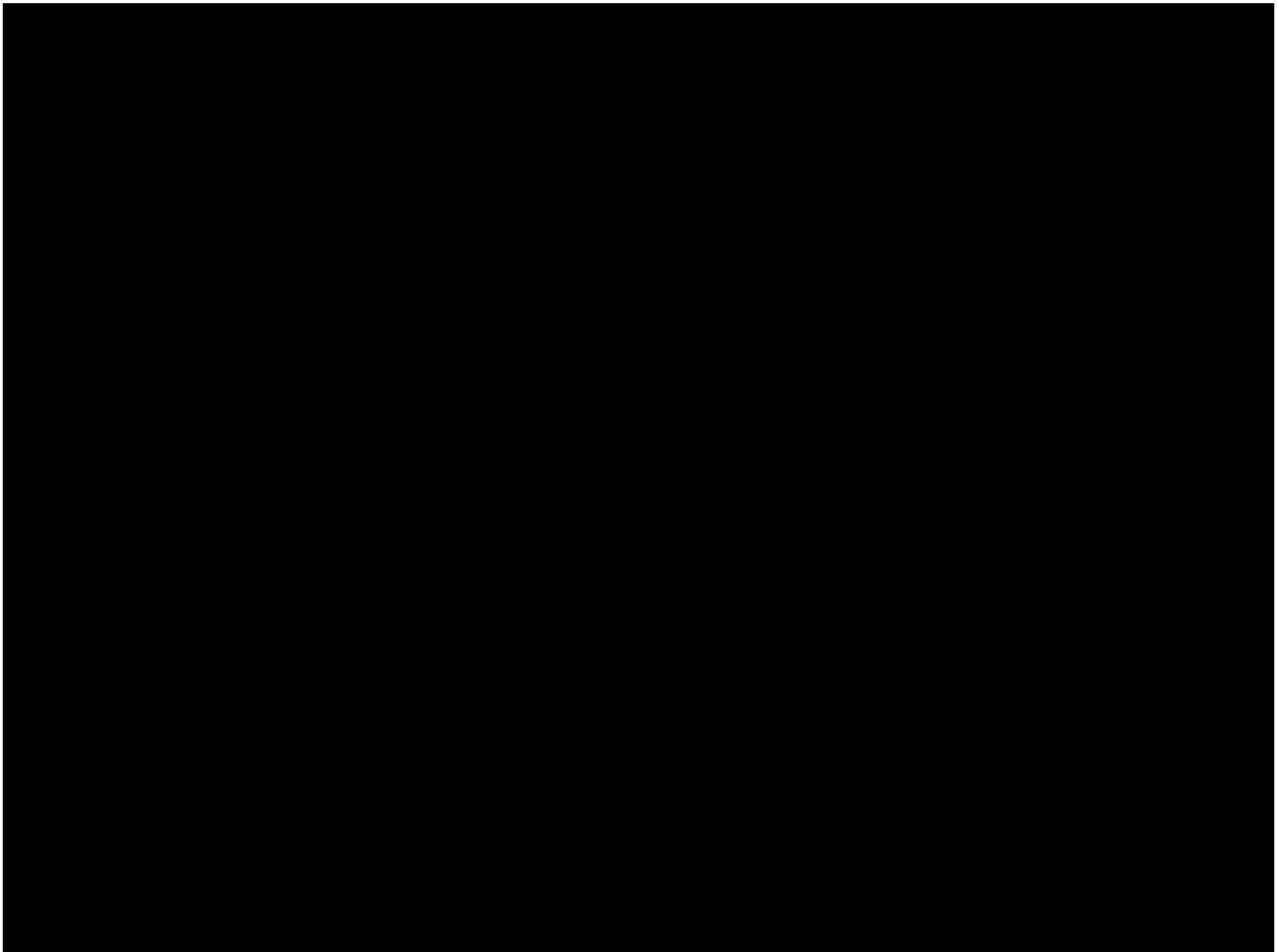
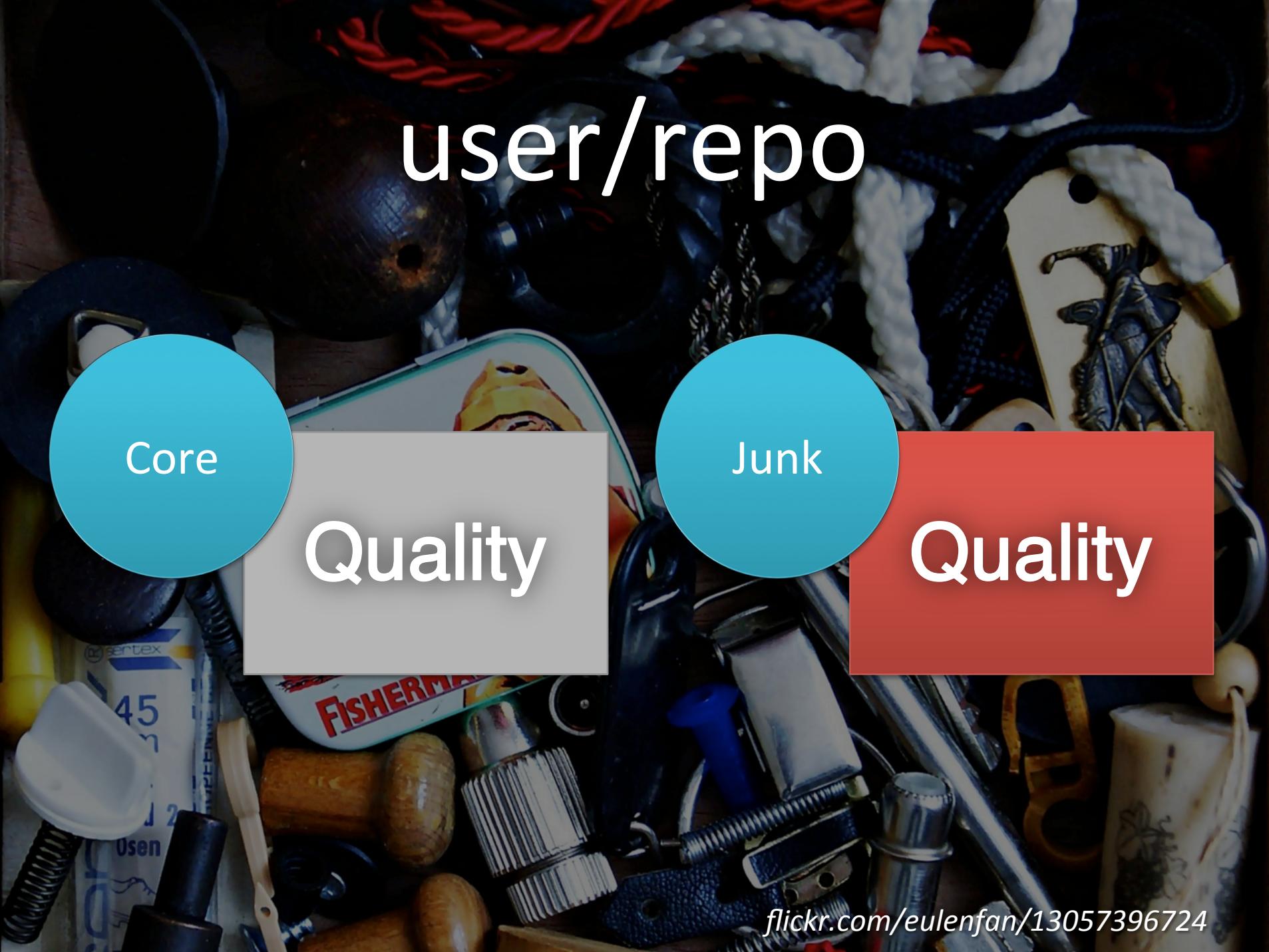


# JUNK

[flickr.com/calliope/9070783026](https://flickr.com/photos/calliope/9070783026)



~ 50 projects



# user/repo

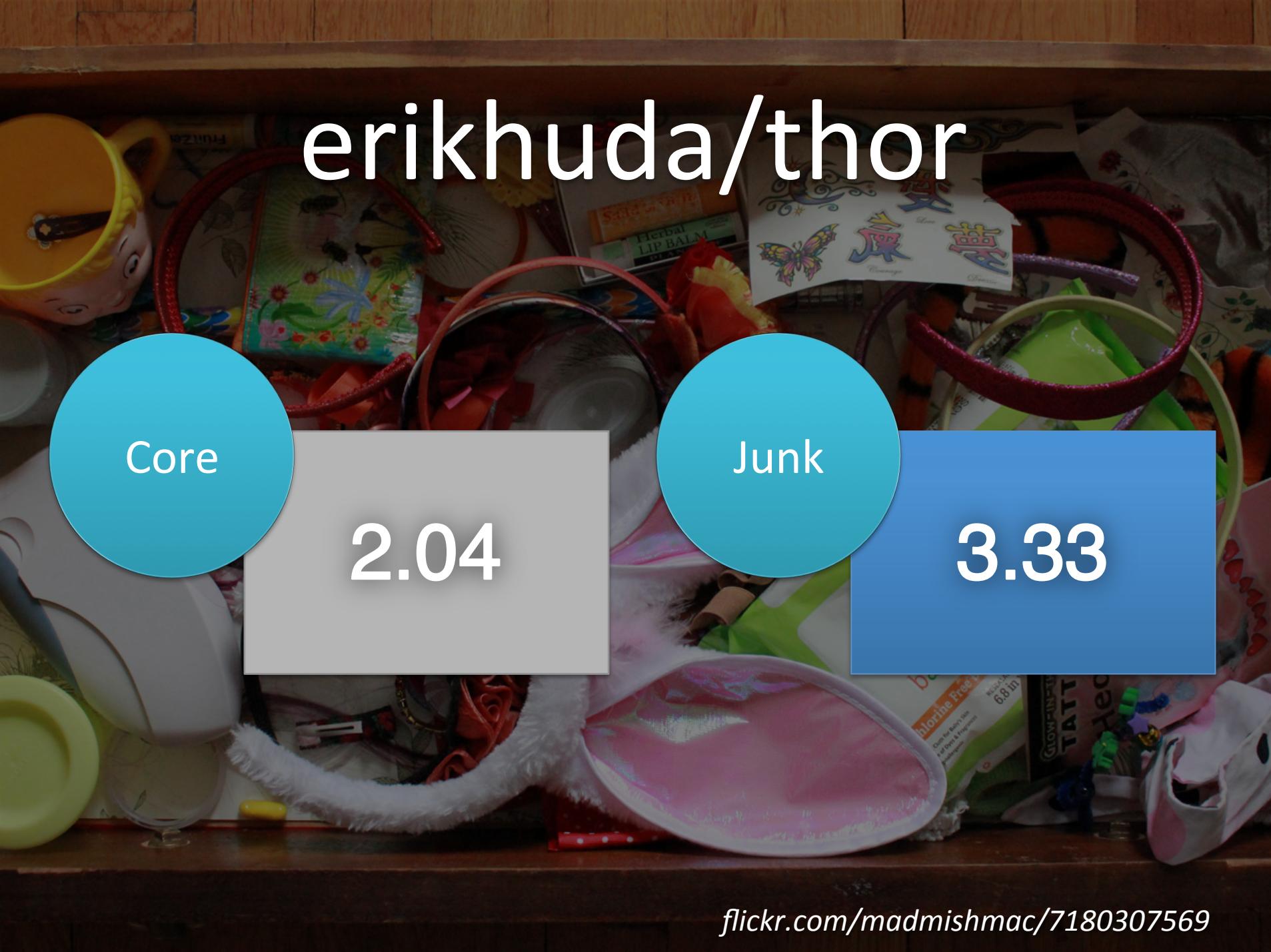
Core

Junk

Quality

Quality

# erikhuda/thor



Core

2.04

Junk

3.33

[flickr.com/madmishmac/7180307569](https://flickr.com/madmishmac/7180307569)

# sass/sass

Core

2.37

Junk

2.5

[flickr.com/madmishmac/7180306927](https://flickr.com/photos/madmishmac/7180306927)

# mitchellh/vagrant

Core

3.62

Junk

3.21

*flickr.com/11746801@N04/12761961524*

# test-kitchen/test-kitchen

Core

3.44

Junk

3.28

[flickr.com/willowherb/2482229479](https://flickr.com/willowherb/2482229479)

# Average All Repos

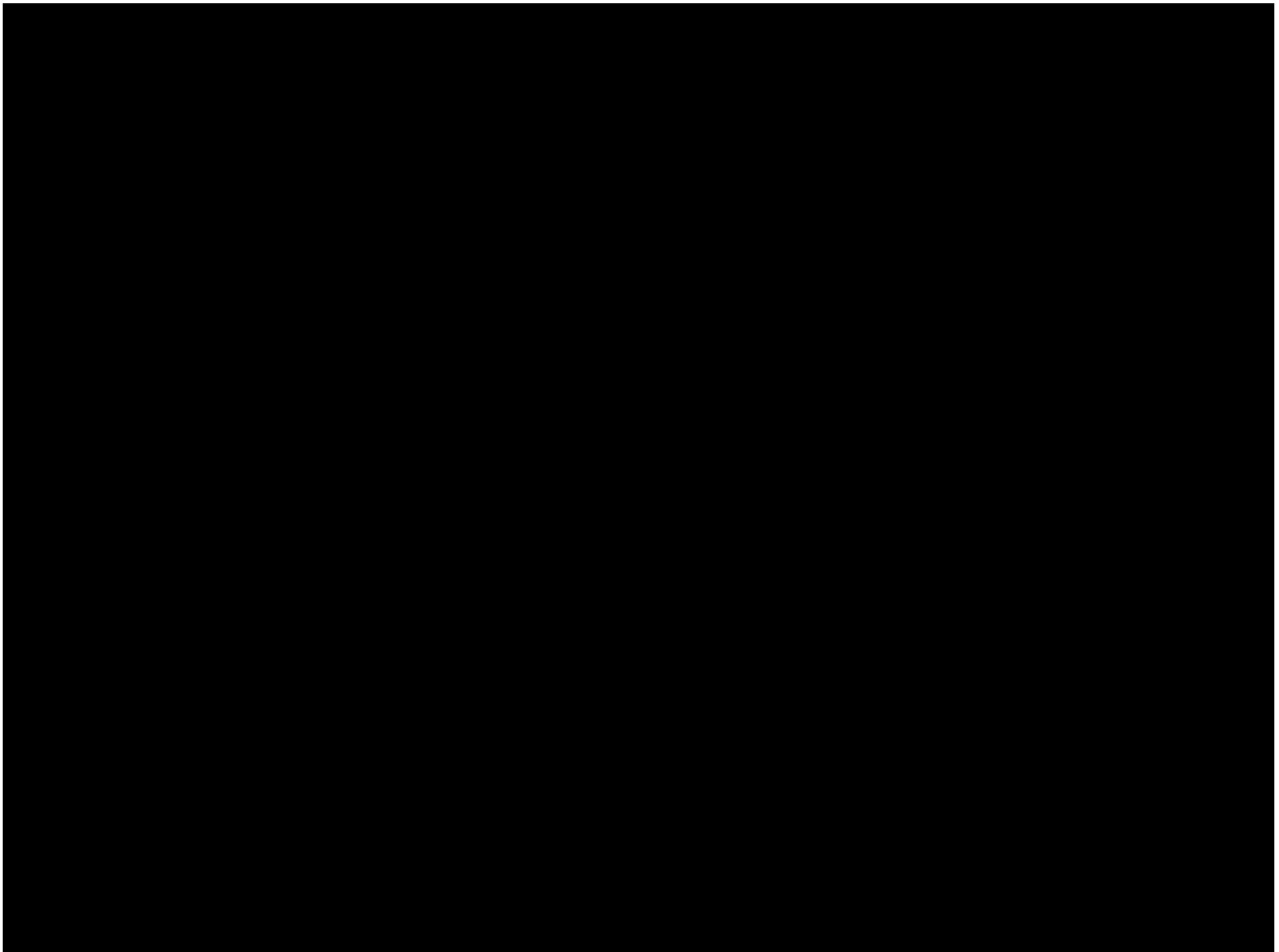
Core

3.11

Junk

3.47

*flickr.com/madmishmac/7365534566*





# Treasure

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# Core Extensions

*flickr.com/19779889@N00/11672311463*



# Backwards Compatibility

*flickr.com/19779889@N00/12593276135*

# HashWithIndifferentAccess

*flickr.com/19779889@N00/13087691523*

# Thor::Util.user\_home

```
1 def user_home # rubocop:disable MethodLength
2   @@user_home ||= if ENV["HOME"]
3     ENV["HOME"]
4   elsif ENV["USERPROFILE"]
5     ENV["USERPROFILE"]
6   elsif ENV["HOMEDRIVE"] && ENV["HOMEPATH"]
7     File.join(ENV["HOMEDRIVE"], ENV["HOMEPATH"])
8   elsif ENV["APPDATA"]
9     ENV["APPDATA"]
10 else
...end
```

# Thor::Util.user\_home

```
...
11 begin
12   File.expand_path("~")
13 rescue
14   if File::ALT_SEPARATOR
15     "C:/"
16   else
17     "/"
18   end
19 end
20 end
21 end
22
```

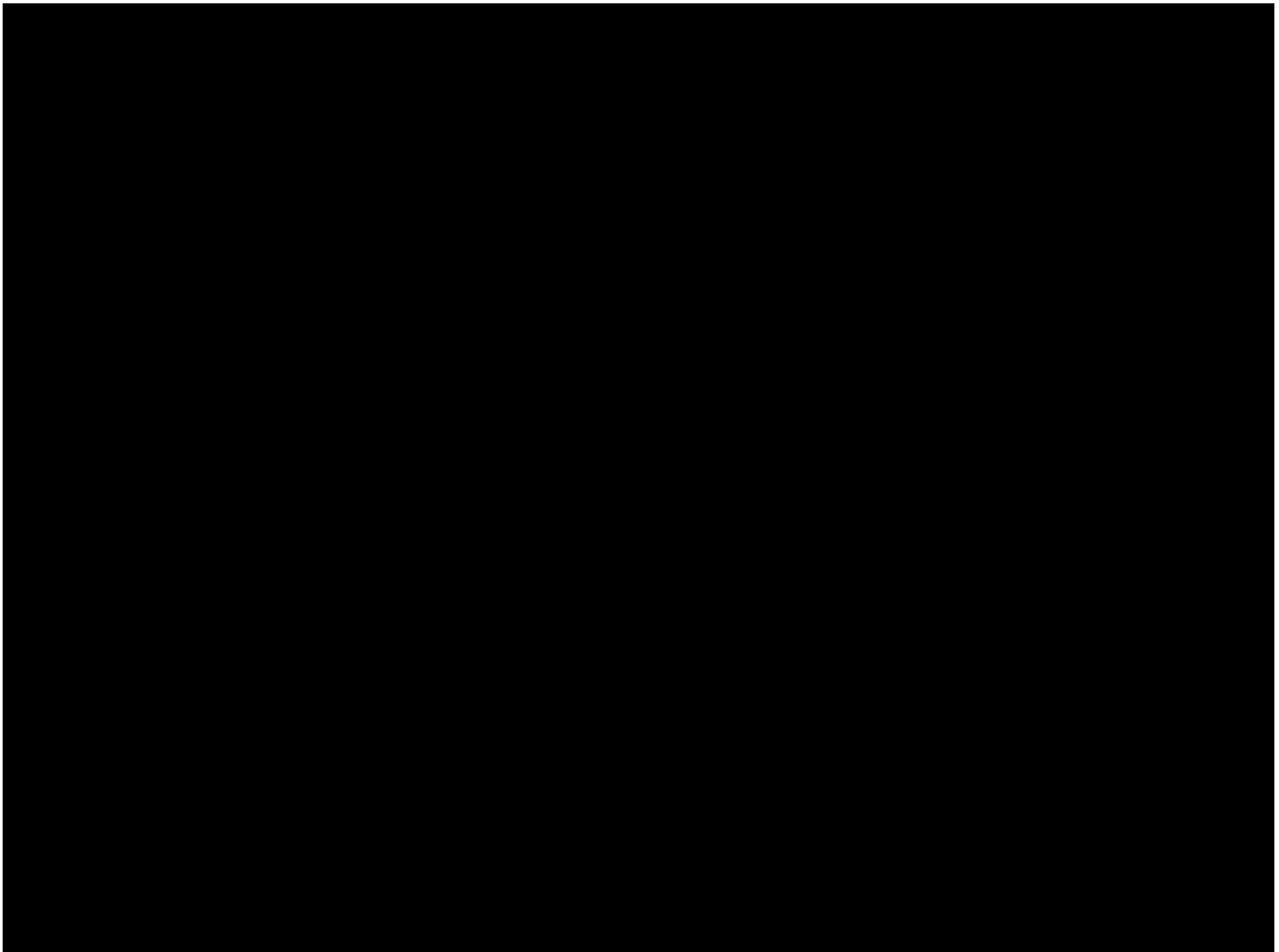
# jimweirich/rake

```
1 class Module
2
3   def rake_extension(method)
4     if instance_methods.include?(method)
5       $stderr.puts "WARNING: Possible conflict with ...
6   else
7     yield
8   end
9 end
10
11 end
```

# jimweirich/rake

```
1 class String
2
3   rake_extension("ext") do
4     def ext(newext=' ')
5       # ... implementation
6     end
7   end
8
9 end
```

# Question



# Kitchen::LazyHash

# Kitchen::LazyHash

```
1 context = "any object"
2 lazy = Kitchen::LazyHash.new({}, context)
3
4
5
```

# Kitchen::LazyHash

```
1 context = "any object"
2 lazy = Kitchen::LazyHash.new({}, context)
3
4 lazy[:length] = ->(c) { c.length }
5
```

# Kitchen::LazyHash

```
1 context = "any object"
2 lazy = Kitchen::LazyHash.new({}, context)
3
4 lazy[:length] = ->(c) { c.length }
5 puts lazy[:length] # => 10
```

Vagrant::Util::Busy

# Vagrant::Util::Busy

```
1
2
3
4  open_connection!
5  while connected
6    print "> "
7    input = STDIN.gets
8    execute(input)
9
10 end
```

# Vagrant::Util::Busy

```
1 closer = lambda { close_connection! ; exit }
2
3
4 open_connection!
5 while connected
6   print "> "
7   input = STDIN.gets
8   execute(input)
9 end
10
```

# Vagrant::Util::Busy

```
1 closer = lambda { close_connection! ; exit }
2
3 Vagrant::Util::Busy.busy(closer) do
4   open_connection!
5   while connected
6     print "> "
7     input = STDIN.gets
8     execute(input)
9   end
10 end
```

`ActiveSupport::Dependencies::WatchStack`

# ActiveSupport::Dependencies::WatchStack

- ① Prepare the Watcher
- ② Load the Files
- ③ Mark Constants as Unloadable

# ① Prepare the Watcher

```
1 def watcher
2   @watcher ||==
  ActiveSupport::Dependencies::WatchStack.new
3 end
4
5 def prepare_watcher!
6   ActiveSupport::Dependencies.clear
7   watcher.watch_namespaces([ Object ])
8 end
9
```

# ② Load the Files

```
1 def load_files
2   files = Dir["lib/**/*.rb"]
3   files.each { |file| require_or_load file }
4 end
```

③

# Mark Constants as Unloadable

```
1 def mark_constants_as_unloadable
2   watcher.new_constants.each { |constant| unloadable
  constant }
3 end
```

# ActiveSupport::Dependencies::WatchStack

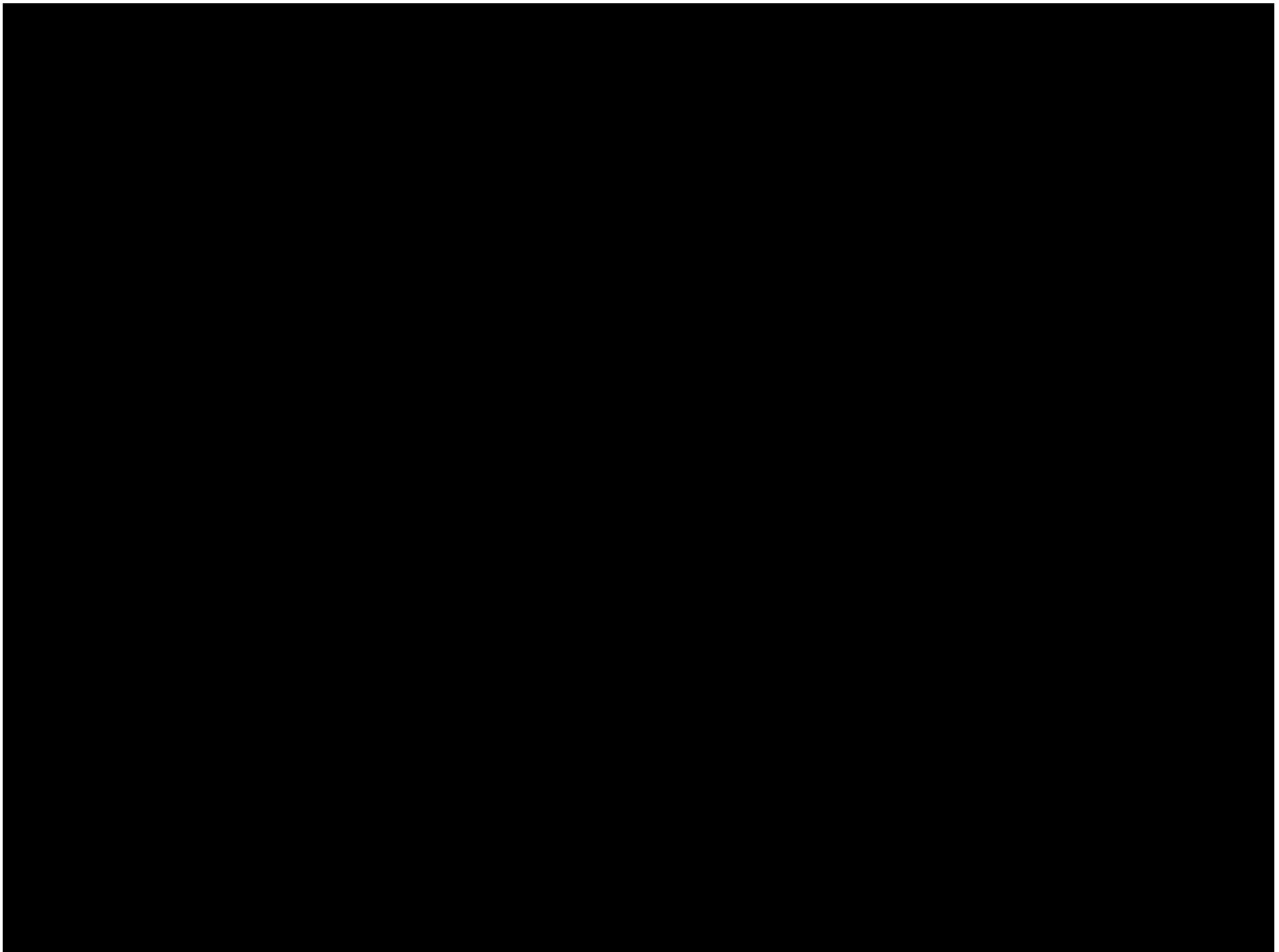
```
1
2
3 def reload!
4   prepare_watcher!
5   load_files
6   mark_constants_as_unloadable
7 end
8
9
10
11
12
13
14
15
```

# ActiveSupport::Dependencies::WatchStack

```
1 require 'listen'  
2  
3 def reload!  
4   prepare_watcher!  
5   load_files  
6   mark_constants_as_unloadable  
7 end  
8  
9 def watch_filepaths(filepaths)  
10   listener = Listen.to(*filepaths) do |mod, add, rem|  
11     reload!  
12   end  
13   listener.start  
14 end  
15
```

# ActiveSupport::Dependencies::WatchStack

```
1 require 'listen'
2
3 def reload!
4   prepare_watcher!
5   load_files
6   mark_constants_as_unloadable
7 end
8
9 def watch_filepaths(filepaths)
10   listener = Listen.to(*filepaths) do |mod, add, rem|
11     reload!
12   end
13   listener.start
14 end
15 Thread.new { watch_filepaths("lib") }
```



# Question

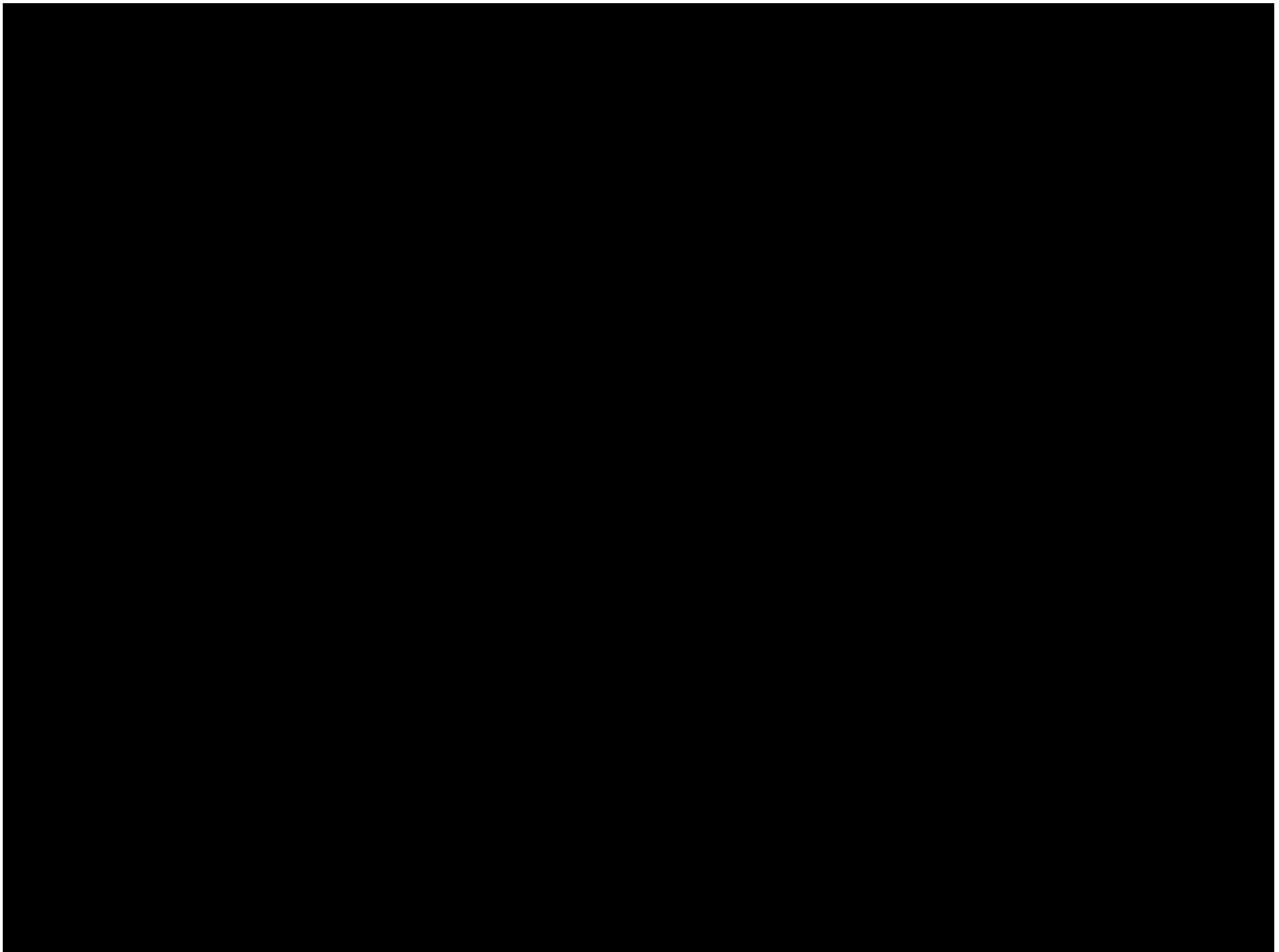
**DRY**

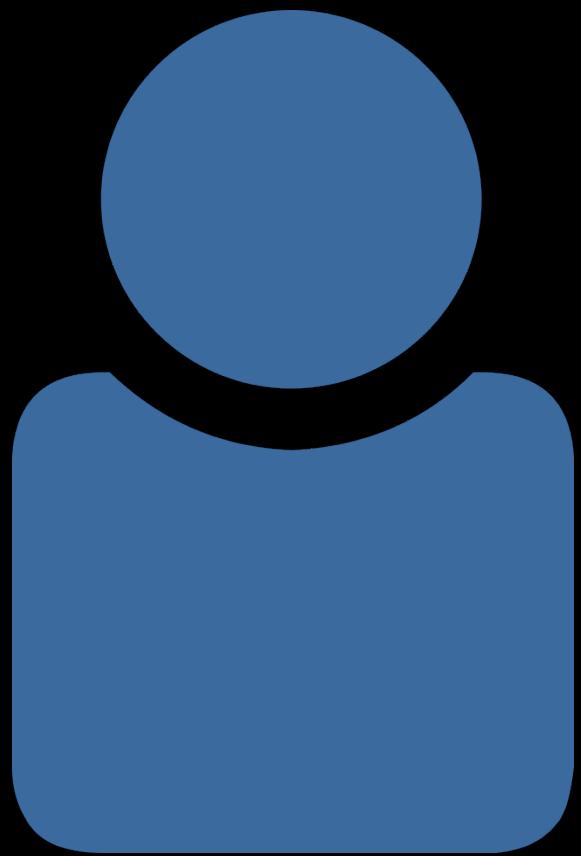
DRY\*

\* DOES NOT APPLY WHEN WORKING IN A DIFFERENT PROJECT

DRO

DON'T REPEAT OURSELVES

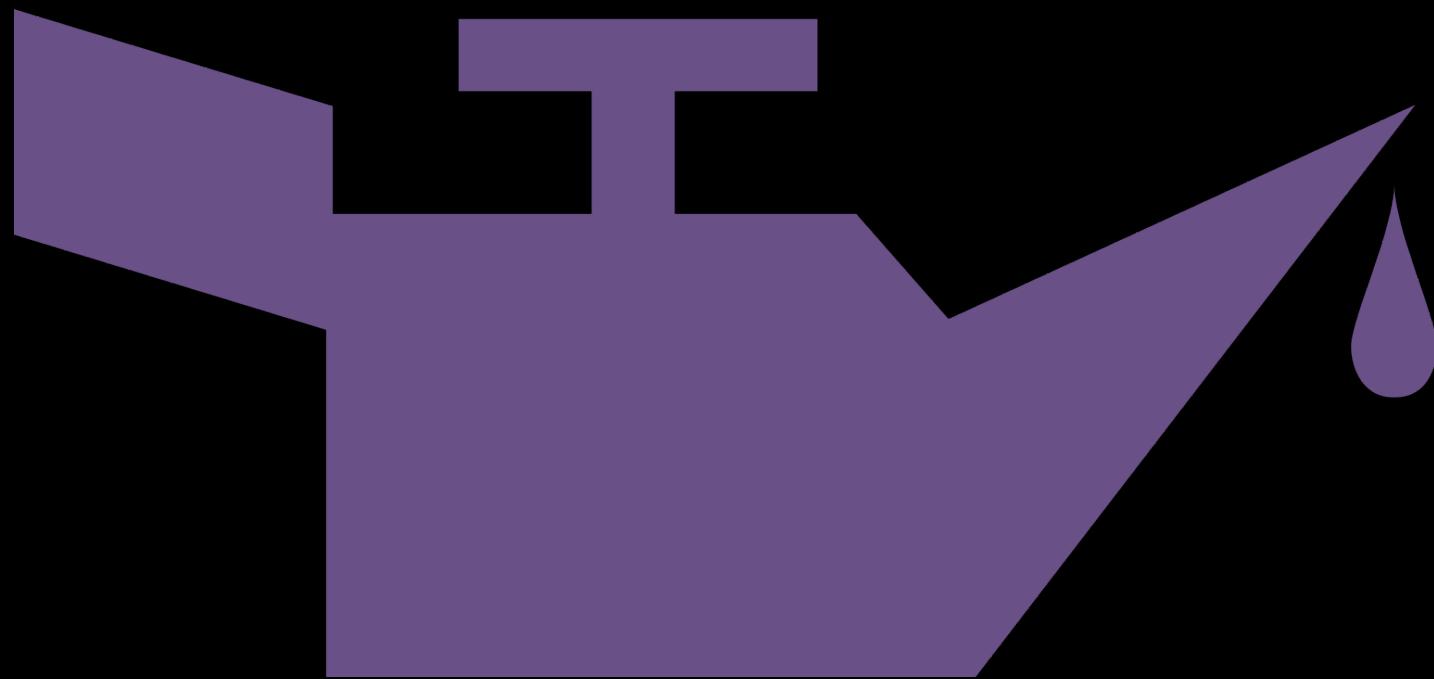




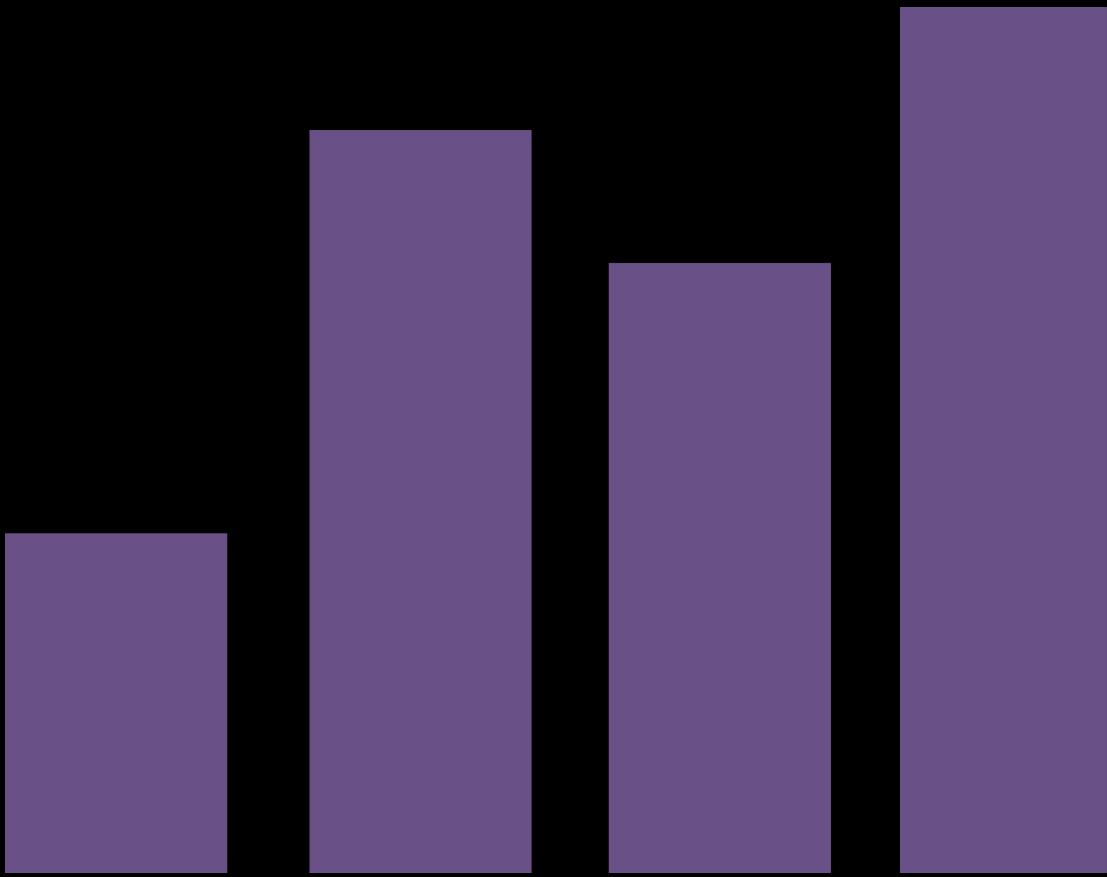




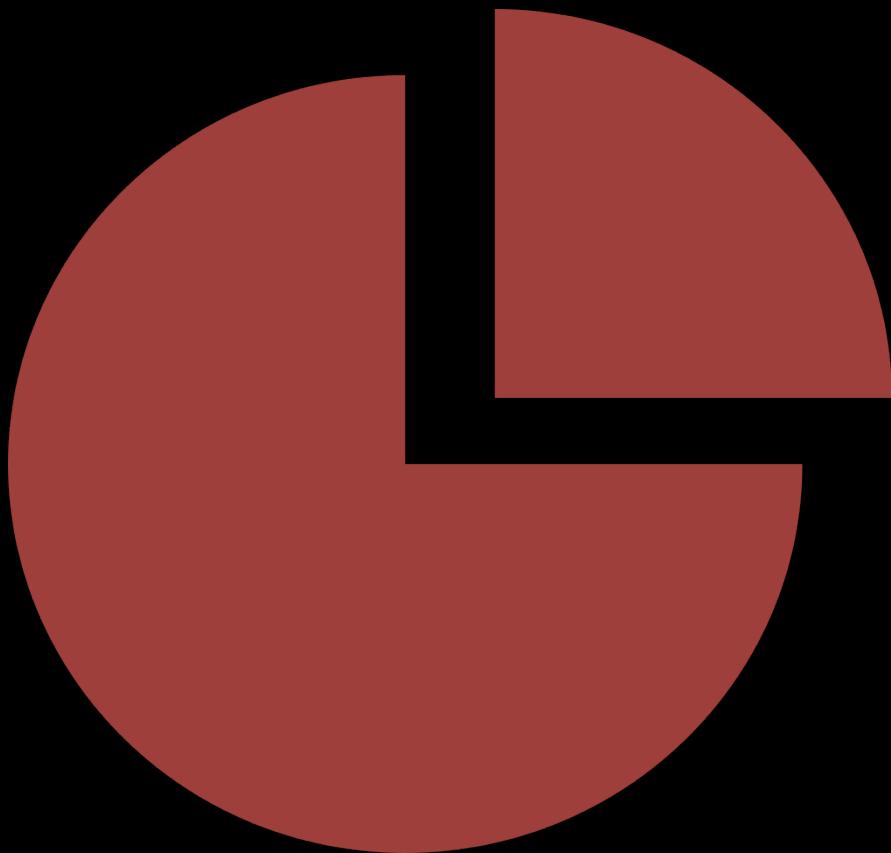






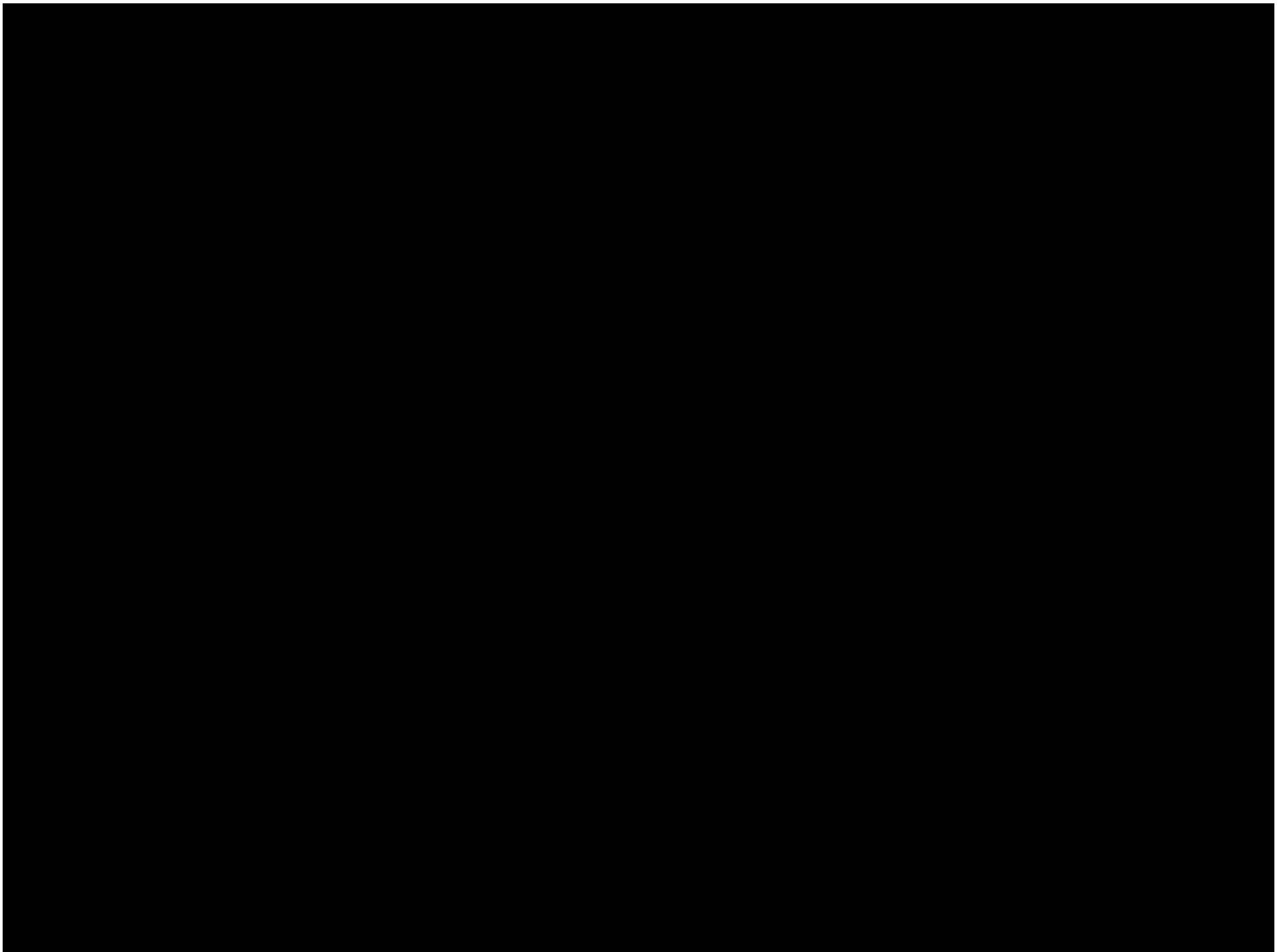






microrb

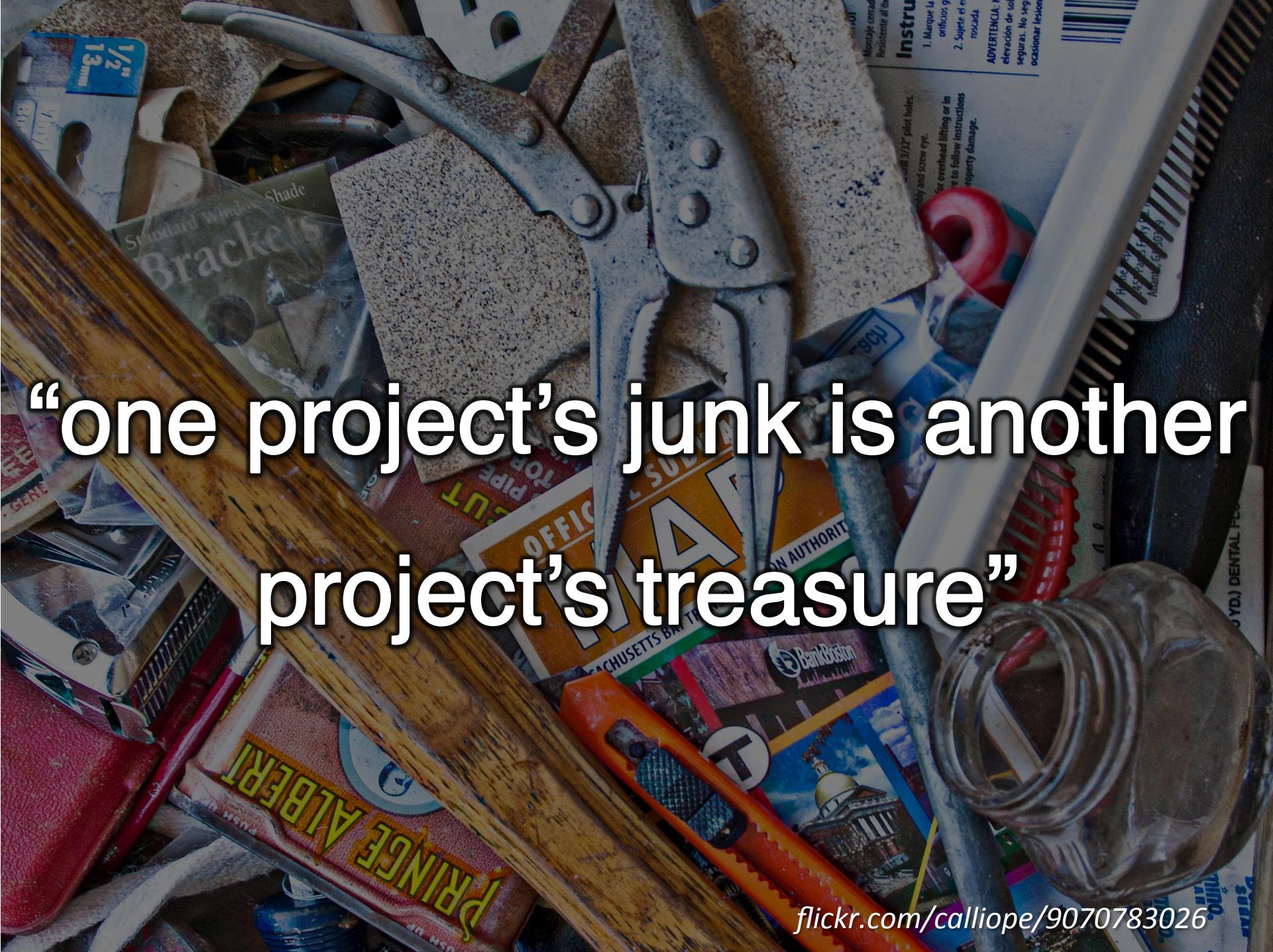
no gem too small



A black and white photograph of a metal door. The door features vertical bars across the top half and a textured keypad area at the bottom. The text is overlaid on this keypad area.

better || worse

[flickr.com/19779889@N00/12910103635](https://flickr.com/photos/19779889@N00/12910103635)



“one project’s junk is another  
project’s treasure”

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# JUNK

@franklinwebber

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