

A Holistic View of Testing

PyCon 2009

TiP BOF - Lightning Talks

2006

CITCON

Saturday, March 28, 2009

I went to CITCON

Continuous Integration and Testing Conference

ThoughtWorks®

Saturday, March 28, 2009

Sponsored by ThoughtWorks

Kumar McMillian

Saturday, March 28, 2009

... with Kumar McMillan author of such packages as ...

fudge

nose

noseJS

fixture

wikir

Jason Huggins

Saturday, March 28, 2009

And it was the first time I ran into Jason Huggins from ...

selenium

Titus Brown

Saturday, March 28, 2009

and I heard about this crazy guy named Titus author of ...

twill

Saturday, March 28, 2009

who was putting together twill

figleaf

pinnochio

Grig Gheorghiu

Saturday, March 28, 2009

and ... this other guy name Grig

agiletesting.blogspot.com

Saturday, March 28, 2009

who ran this blog

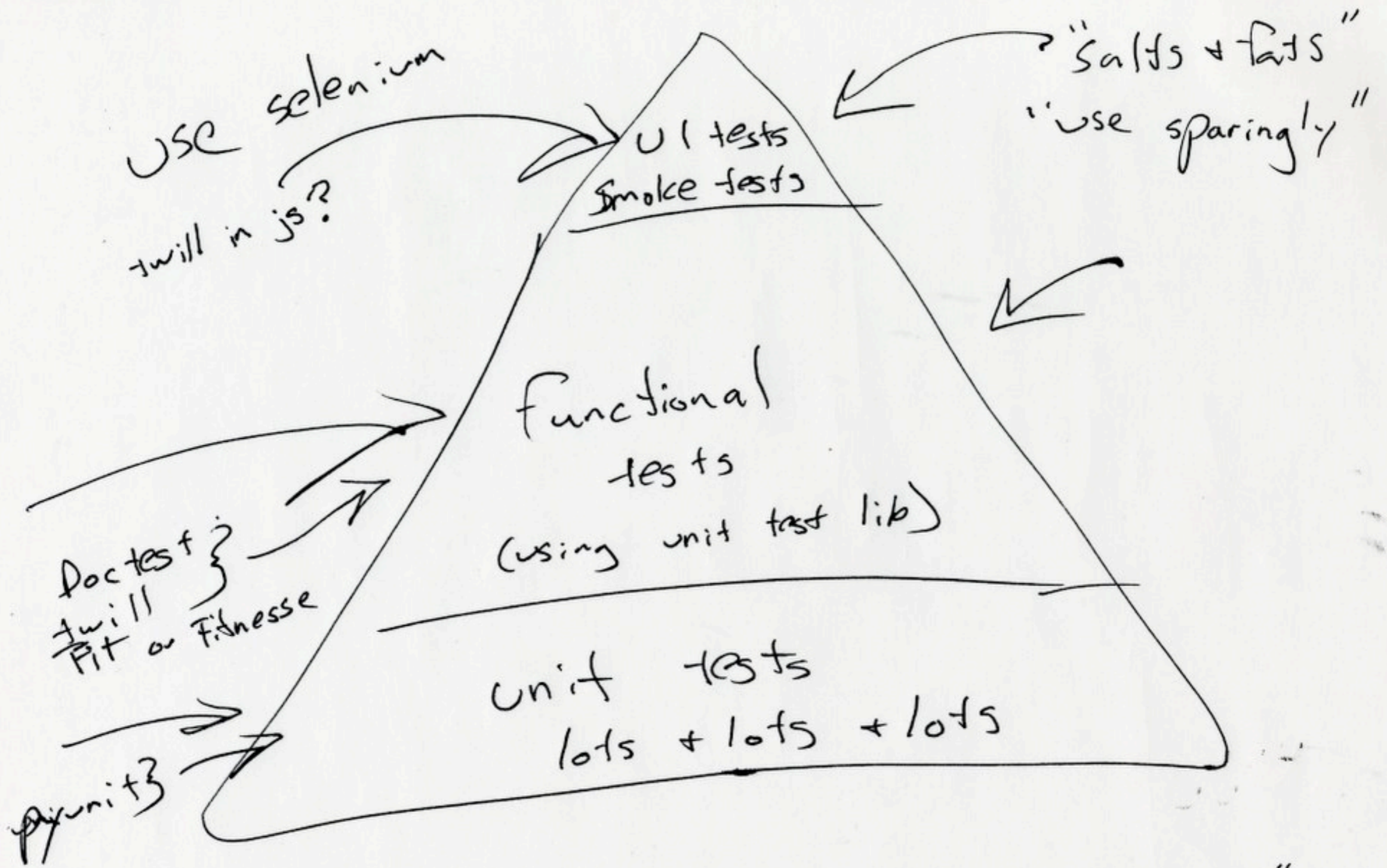
**I like name
dropping.**

**I like module
dropping, better.**

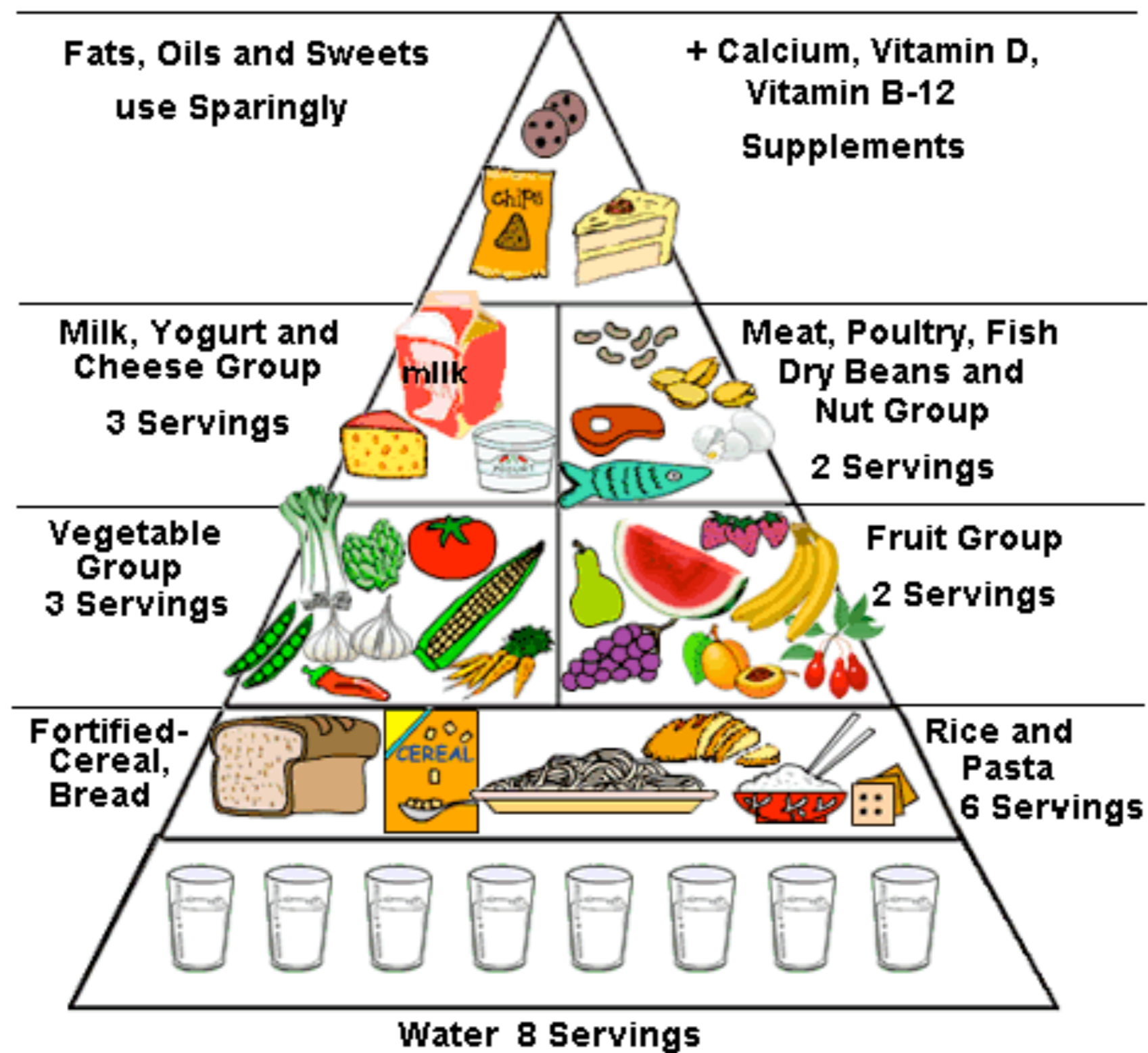
Testing Pyramid

Saturday, March 28, 2009

and we talking about testing in the context of a pyramid



[Handwritten signature]





Pyramid of Needs (After Abraham Maslow)

Confidence

WARGAMES

MOVIEWALLPAPERS.NET



Saturday, March 28, 2009







“Turn your key.”

“Turn your key!”



Confidence

Development

Production

QA

Pointy Haired Beings

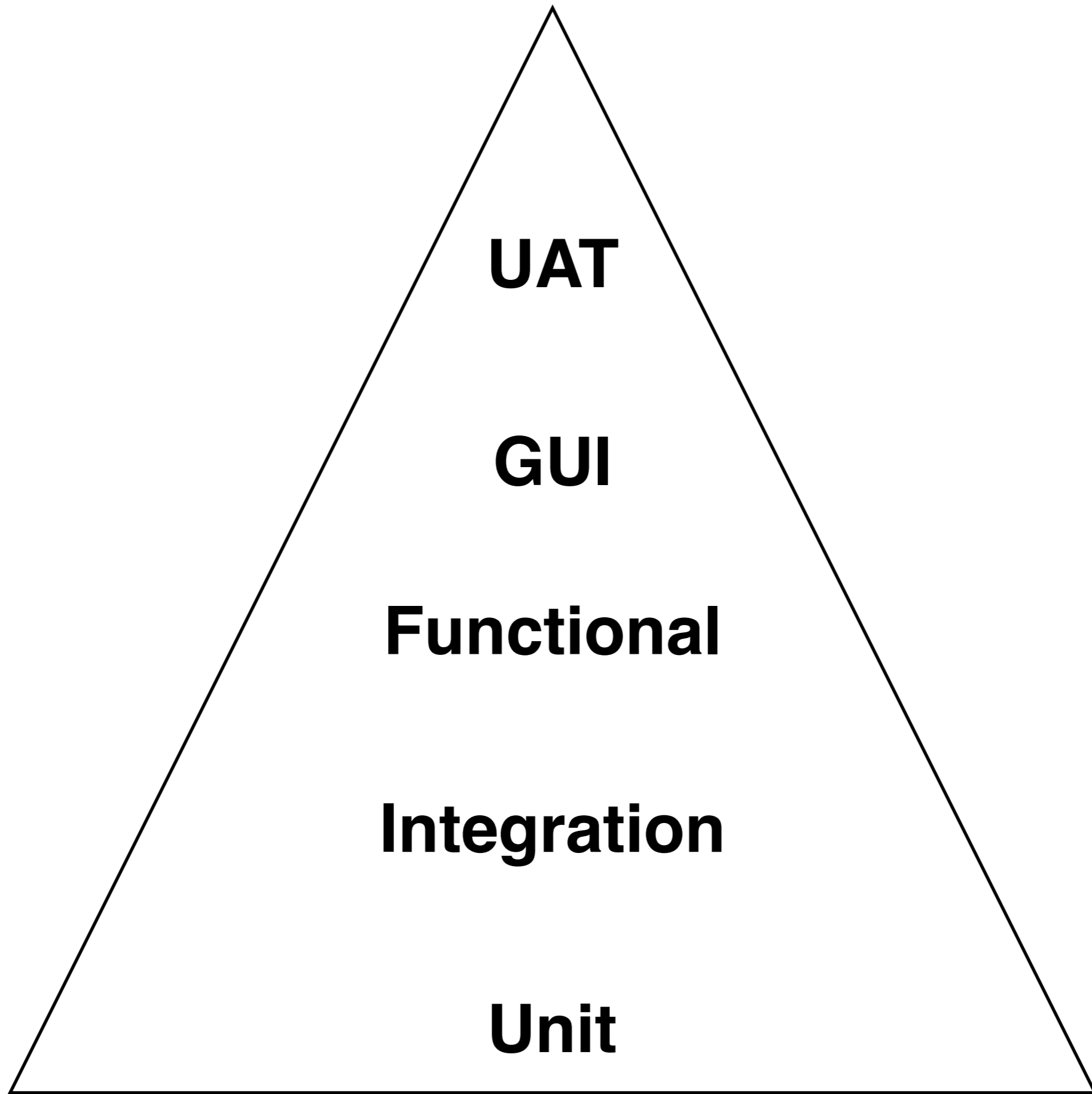
“Turn your key!”



**Are you feeling
lucky, punk?**

Are you?!





Unit tests

Fast

**Focus is on small
pieces of code.**

**Doesn't code live in
a system?**

Integration tests

**Tests code and
systems.**

**Did the database
end up in the
correct state?**

Functional tests

Simulating user actions.

Pick your spots.

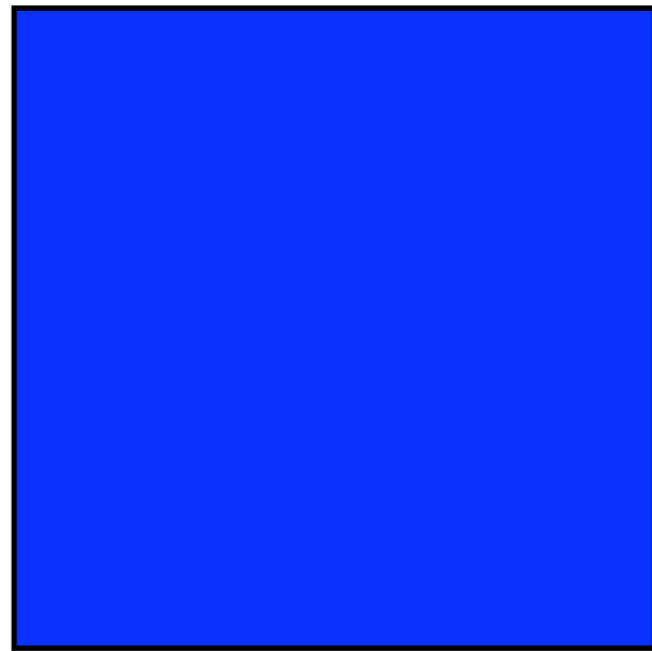
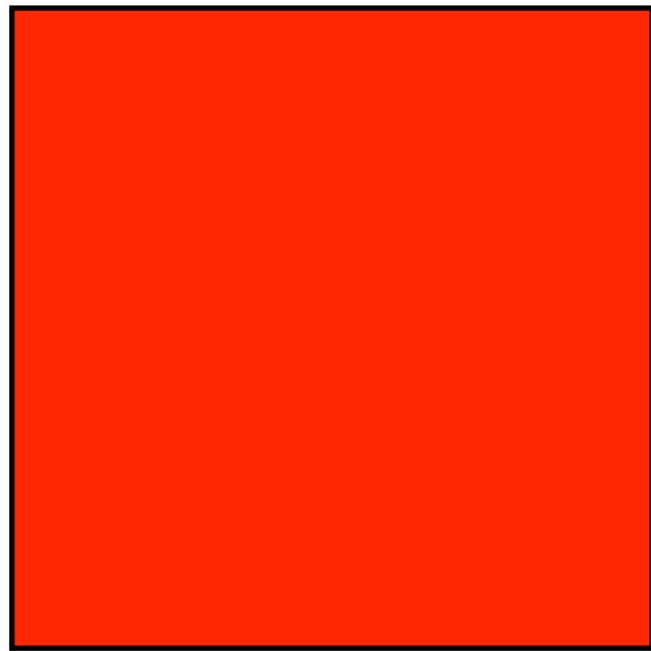
**Does everything
need to be tested
with browser
overhead?**

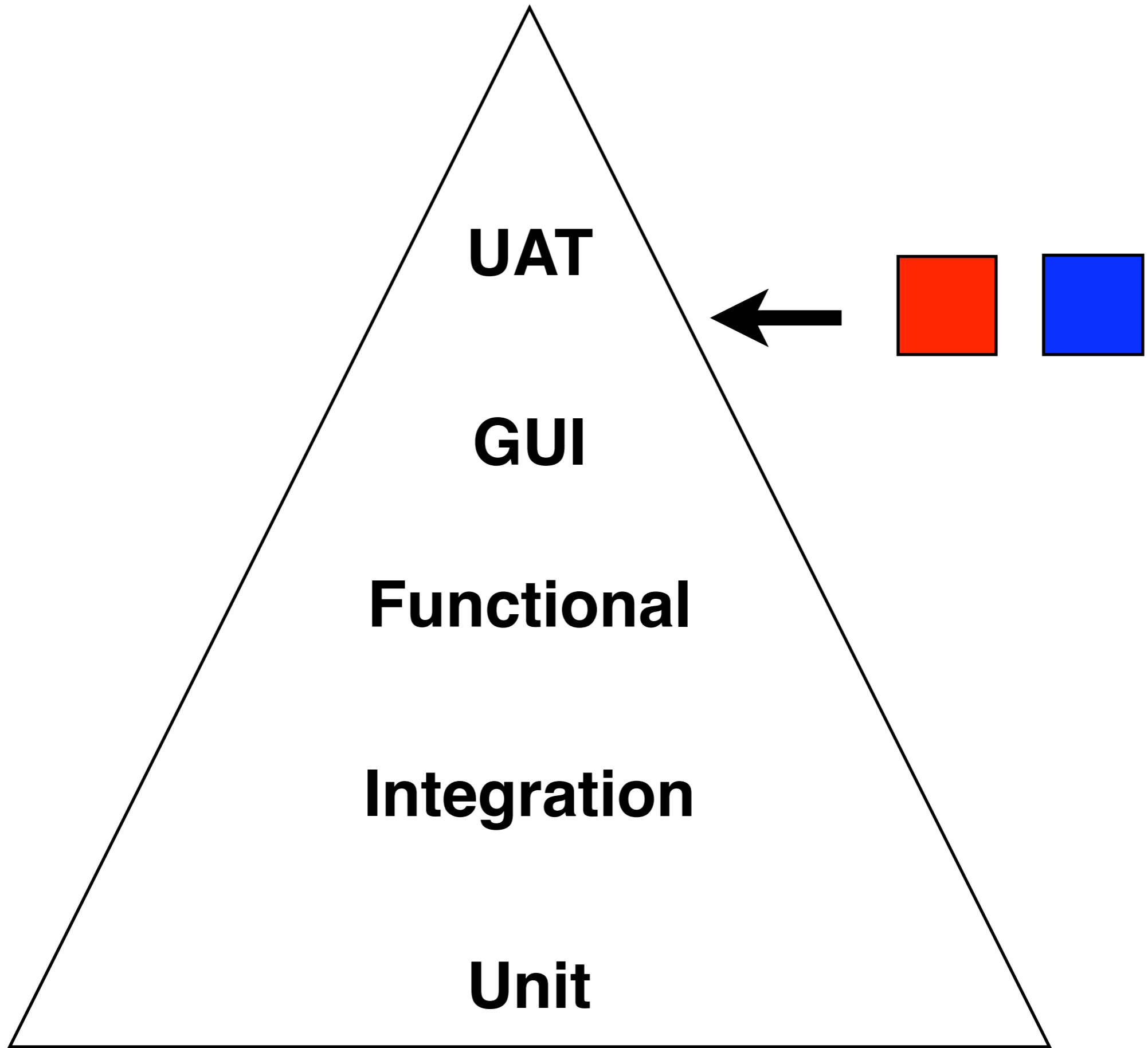
GUI Testing

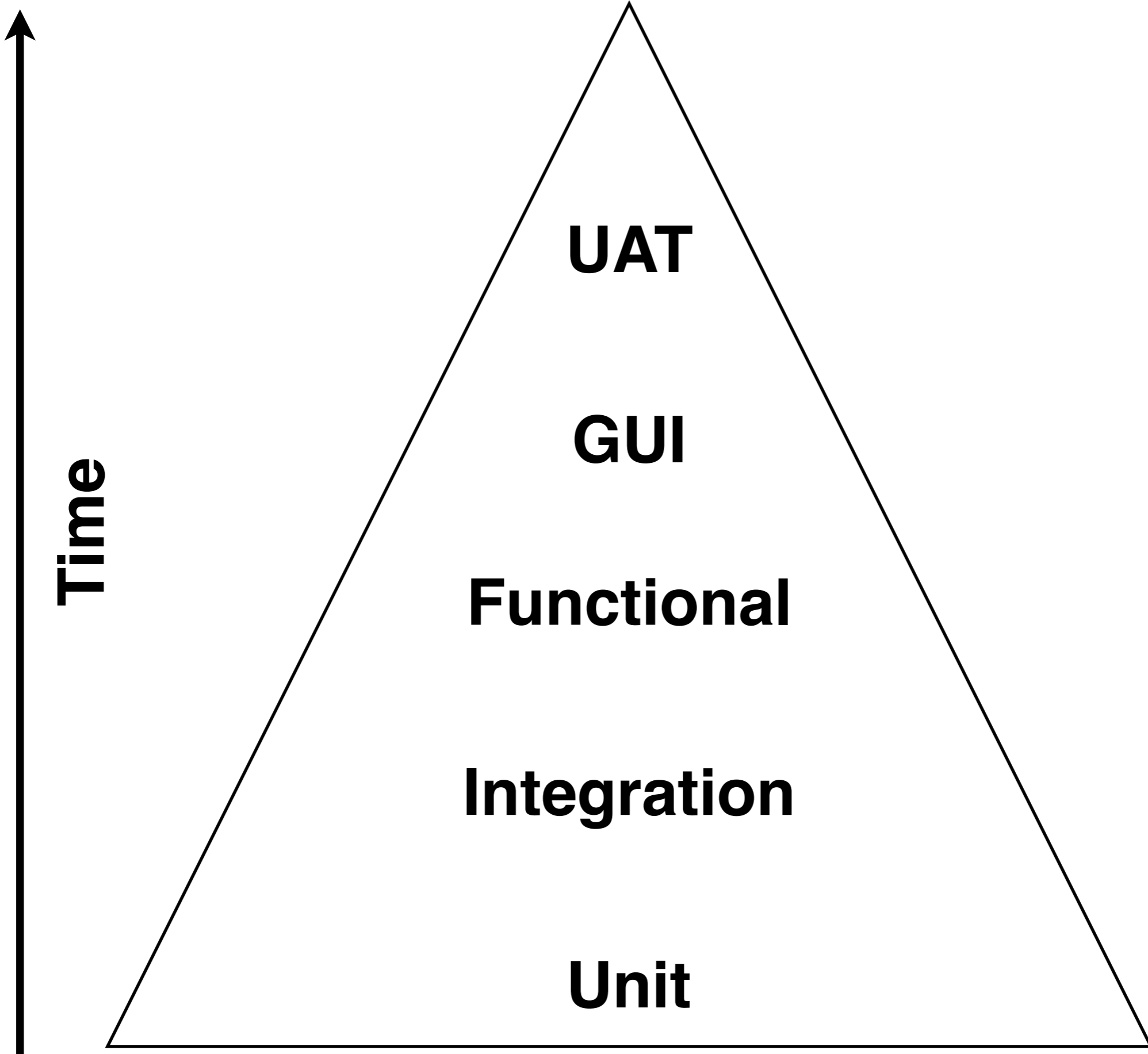
Production

Acceptance Testing

I'm done.







UAT

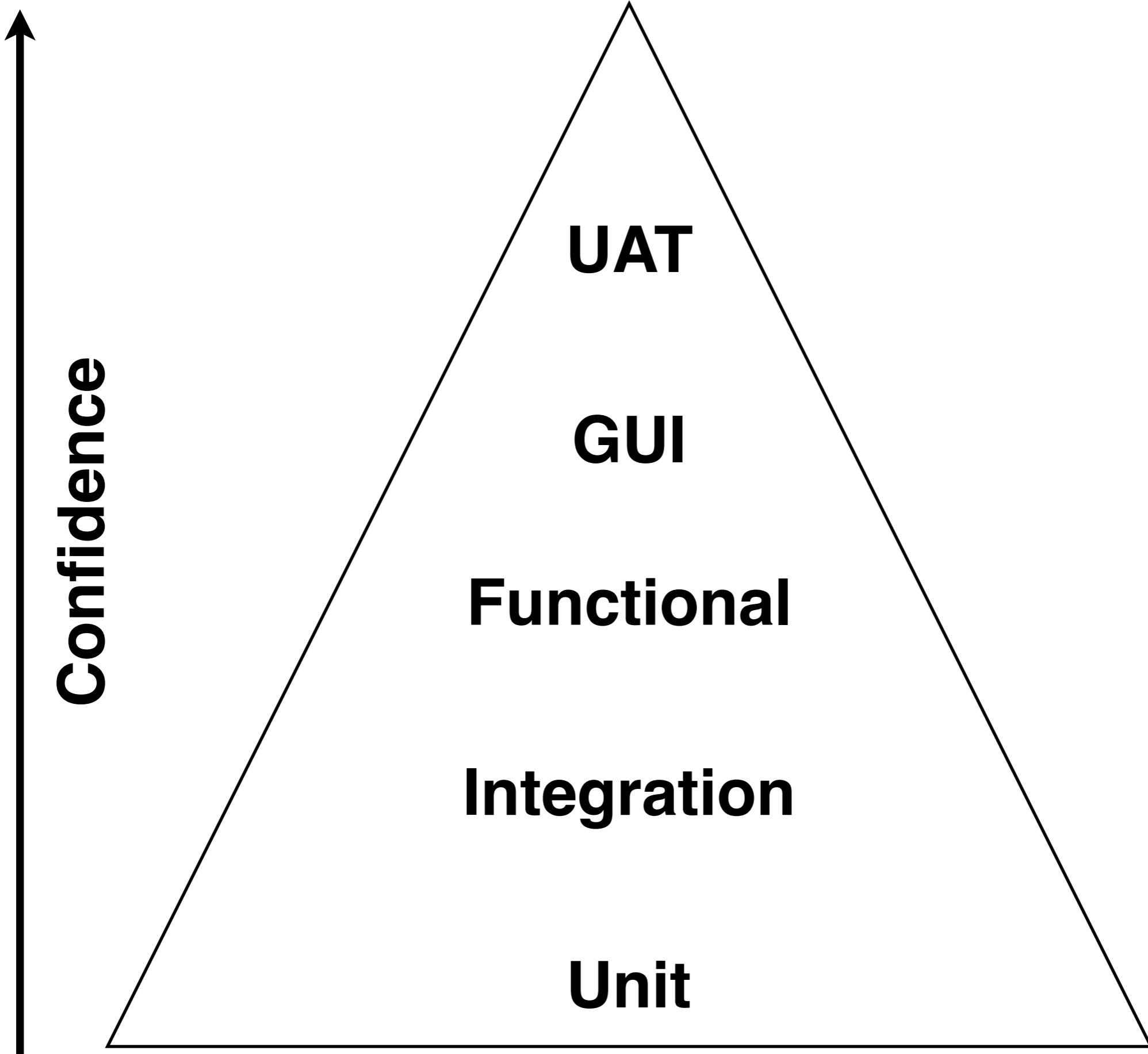
GUI

Functional

Integration

Unit

Time



Confidence

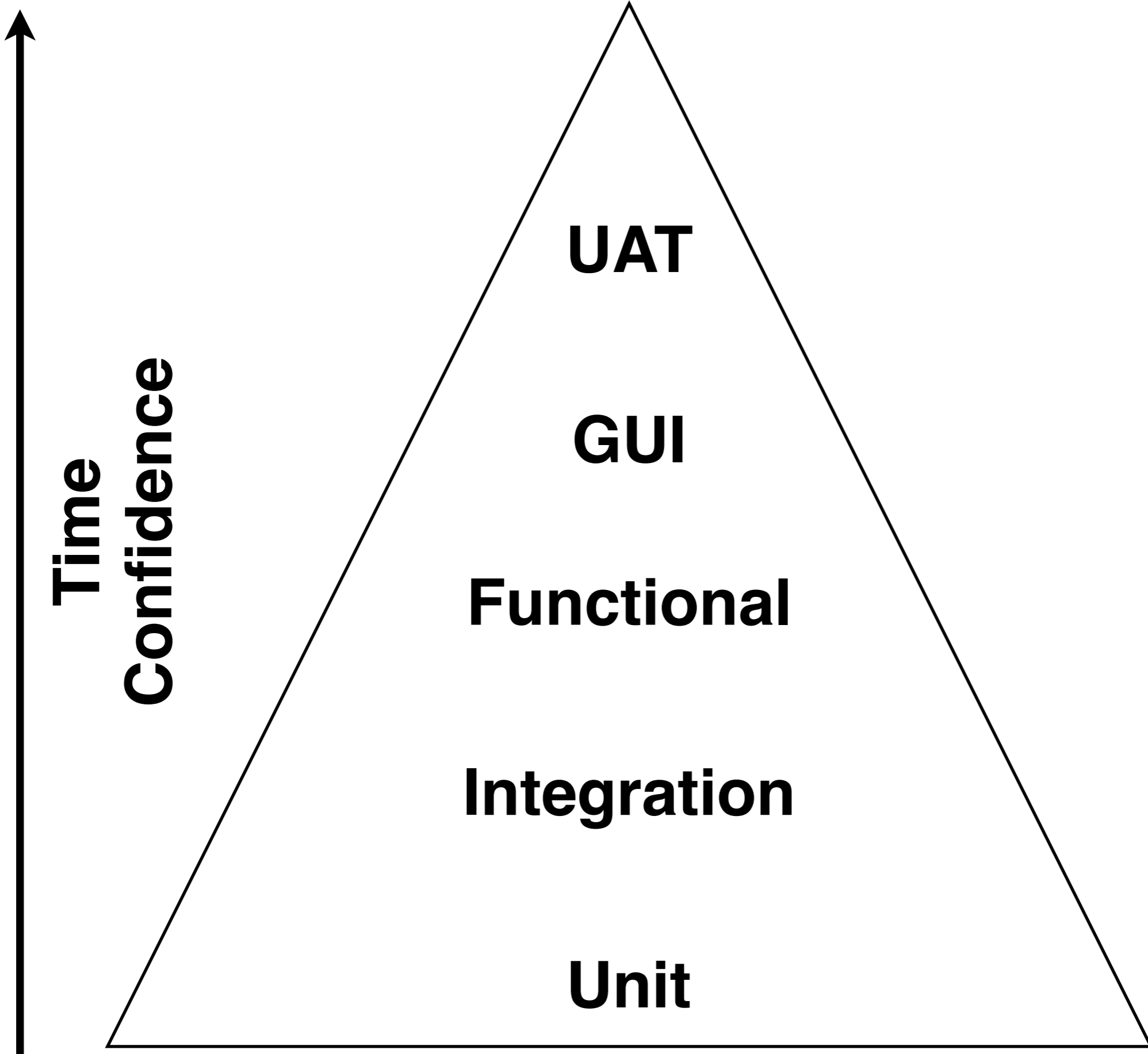
UAT

GUI

Functional

Integration

Unit



Time
Confidence

UAT

GUI

Functional

Integration

Unit

Conclusion

Testing Pyramid

Testing is good!

**Do as much as you
can in the different
layers of the
pyramid.**

Thanks