

# Overview of Agile Testing



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Check <http://idiacomputing.com/publications.html>  
for an updated copy of these slides



# Make Balloons Like This:





# The Testers' Place in Software Development



# Why so many rejects?

- What does “Like this” really mean?
- How can we measure “Like this” earlier?



# This time, no rejects!



# The Three Amigos

- Business people
- Programmers
- Testers

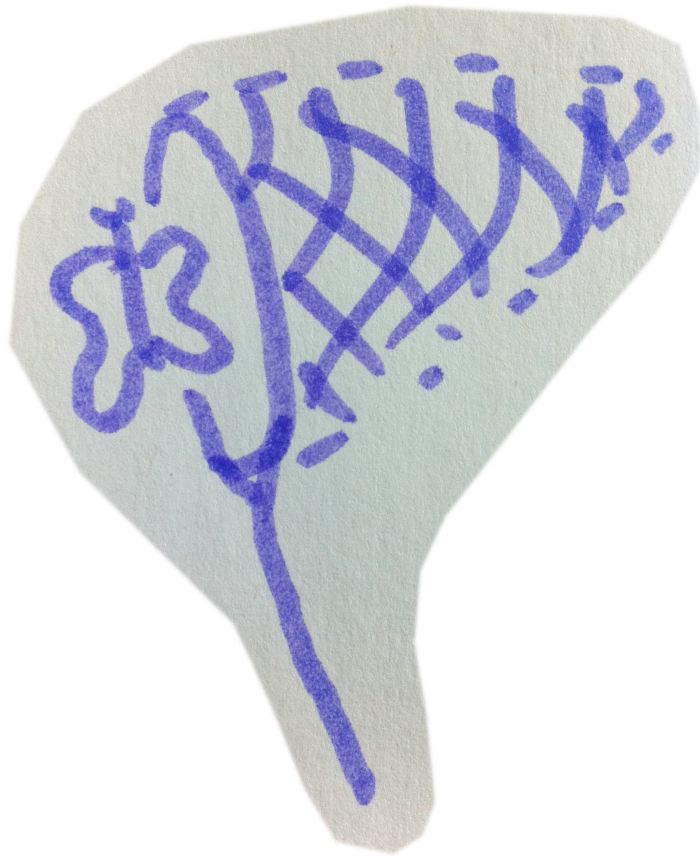
working together to  
produce the best  
possible outcome.





# Bugs

Still netting a few



But not swatting swarms



# Not collecting, counting, and classifying bugs!

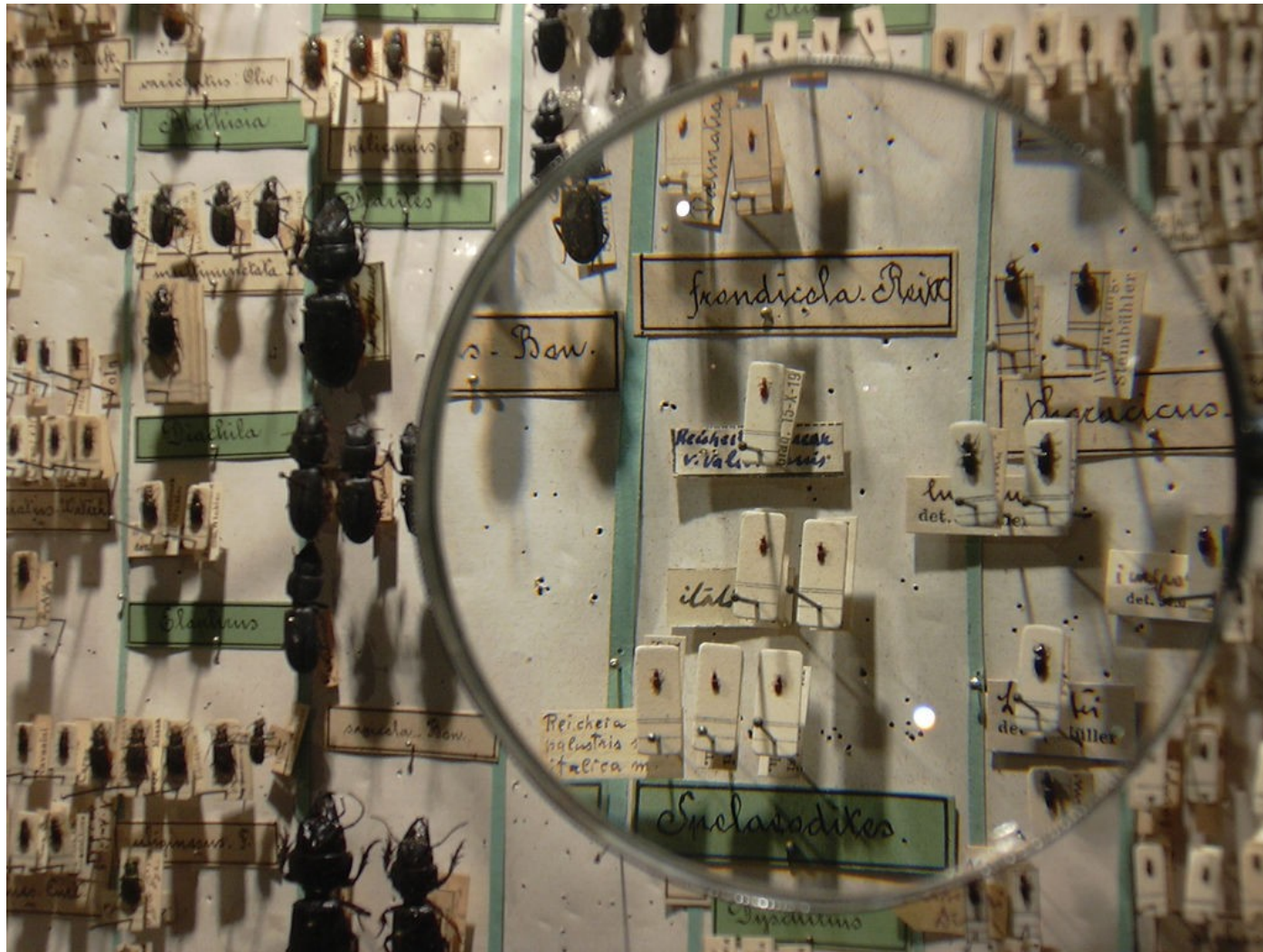
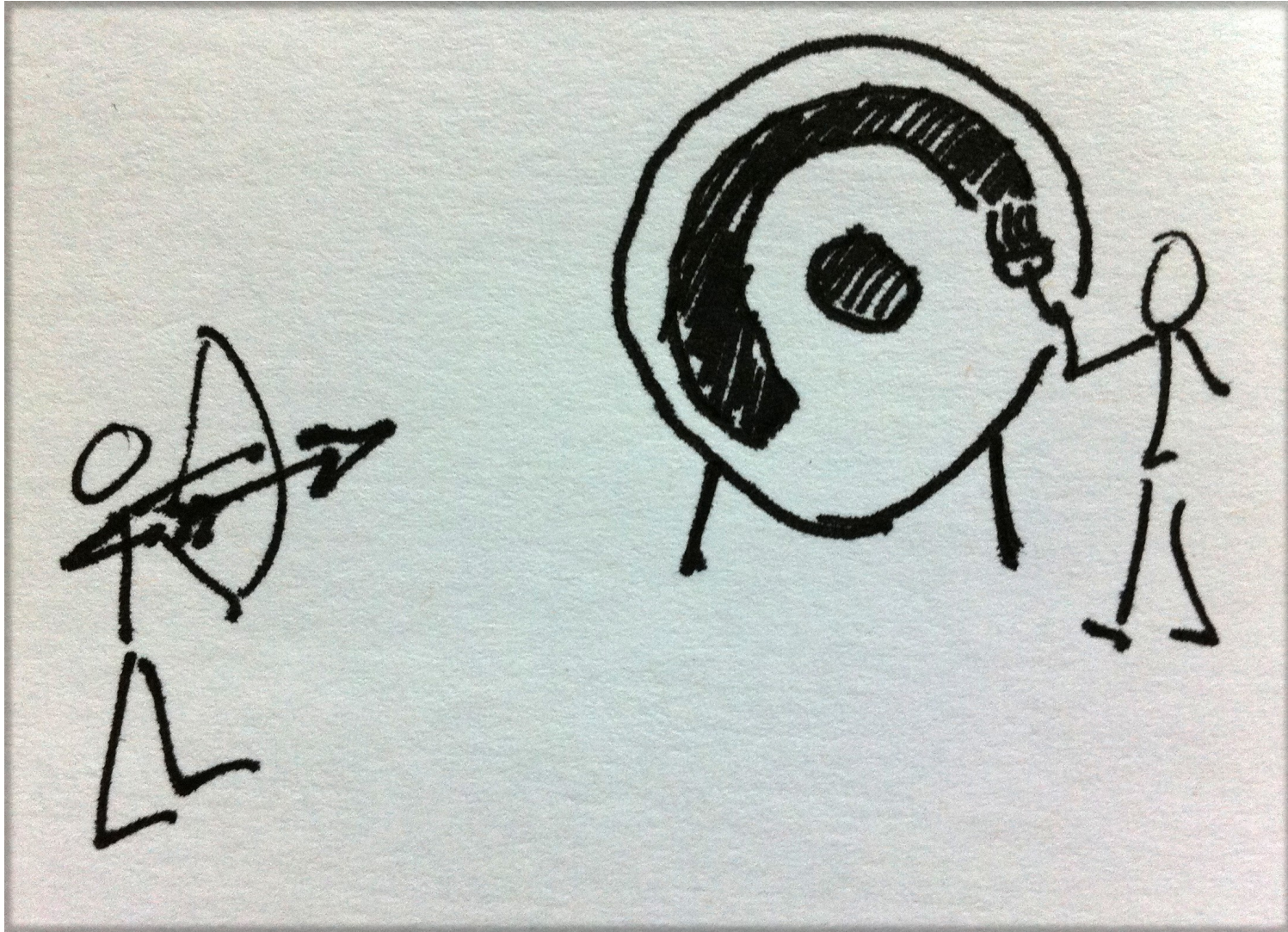


Photo by Mike Scoltock





# Helping the programmer make a system that works right



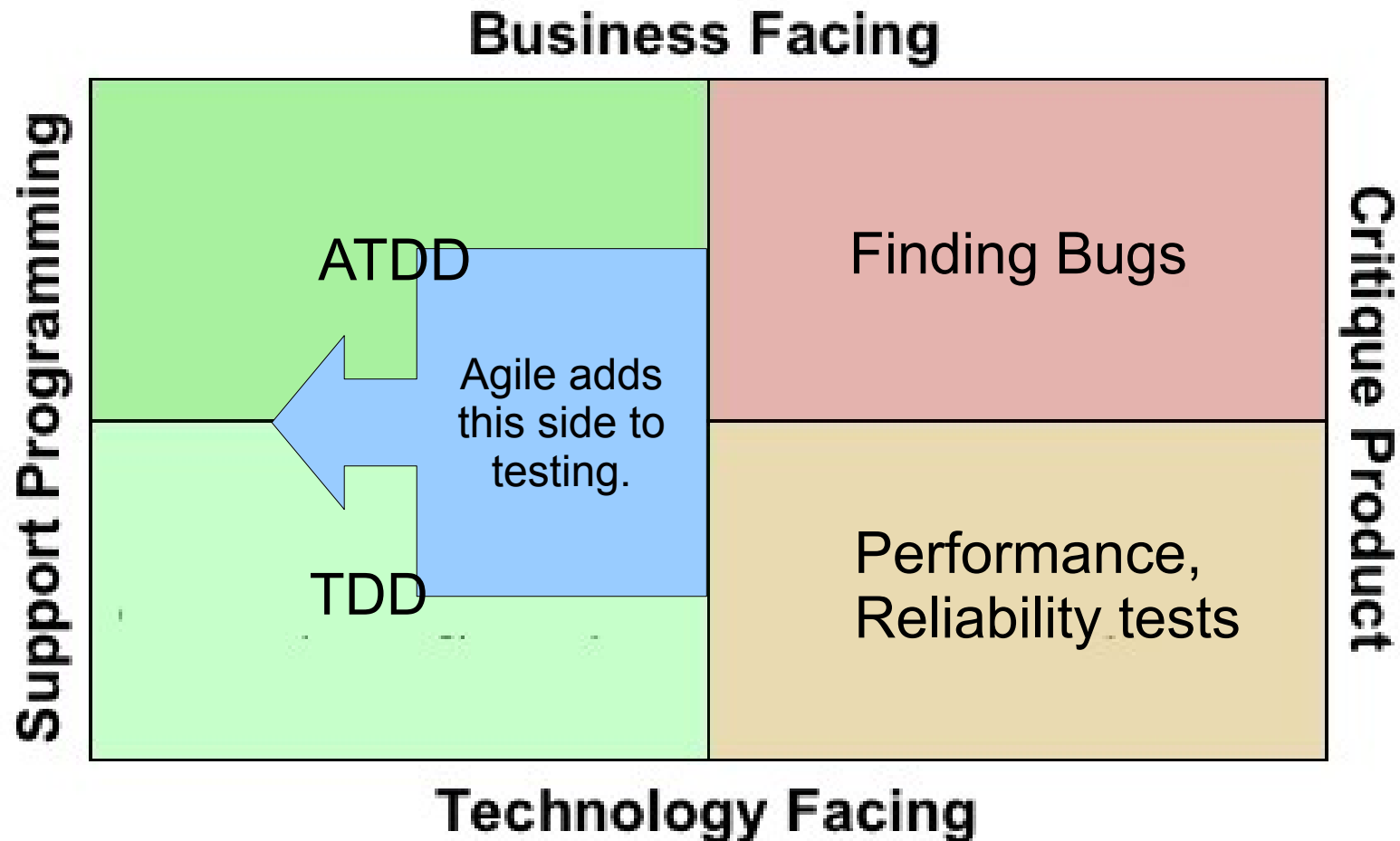
# Helping the business make the right system



drawing from <http://pictofigo.com>



# Agile Testing Quadrants



from Brian Marick, <http://www.exampler.com/old-blog/2003/08/21/#agile-testing-project-1>





# What about your current practices?

- Which practices should we **keep**?
- Which practices should we **discard**?
- Which practices should we **keep for awhile** and then phase out?
- Which practices should we **modify**?
- Which practices should we **replace** with a different practice?



# Waiting for Development before Testing

- Purpose:
  - Reducing testing effort by testing in a single pass
- But...
  - If tests find bugs after “Dev Complete” then it requires time-costly rework
  - If tests are automated, then re-running them is cheap and easy
  - Untested code leaves uncertainty about how much functionality is really “done”



# Pre-Release Regression Testing

- Purpose:
  - Checking against specifications
- But...
  - If specifications are expressed with automated tests,
  - Consider investing this time doing exploratory testing
- Considerations
  - Don't drop until your automated tests give you confidence
  - Work toward making these tests find zero bugs





# Requirements Documents

- Purpose:
  - Carrying specifications from analysts to programmers and testers
- But...
  - If the Three Amigos have direct conversations,
  - Consider combining with automated tests
- Considerations
  - Provides the ultimate in traceability
  - Who else reads these documents?

