

# The Ongoing Evolution of Testing in Agile Development

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Created for:



Agile  
**TESTING DAYS**

By:

**Scott Barber**  
Chief Technologist  
PerfTestPlus, Inc.





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## Scott Barber

Chief Technologist, PerfTestPlus, Inc.

[sbarber@perftestplus.com](mailto:sbarber@perftestplus.com)

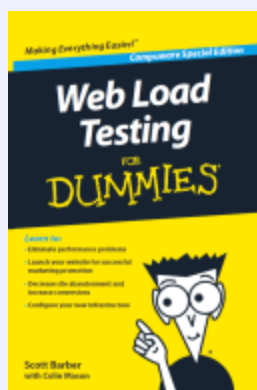
[www.perftestplus.com](http://www.perftestplus.com)

[@sbarber](#)

Co-Founder: Workshop On Performance and Reliability

[www.performance-workshop.org](http://www.performance-workshop.org)

### Author:



### Co-Author:



### Contributing Author:



Books: [www.perftestplus.com/pubs](http://www.perftestplus.com/pubs)

About me: [about.me/scott.barber](http://about.me/scott.barber)

# Me, Agile & Context

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I have no “certifications” or “official” training

The “most” Agile/Context-Driven team I was ever part of was before the manifesto/principles were written

I am an Agile Manifesto signatory & a central figure in the Context-Driven school of software testing

I am fully compliant with both Agile & Context-Driven principles;

- by nature
- in all I do
- throughout my life



In Other Words...

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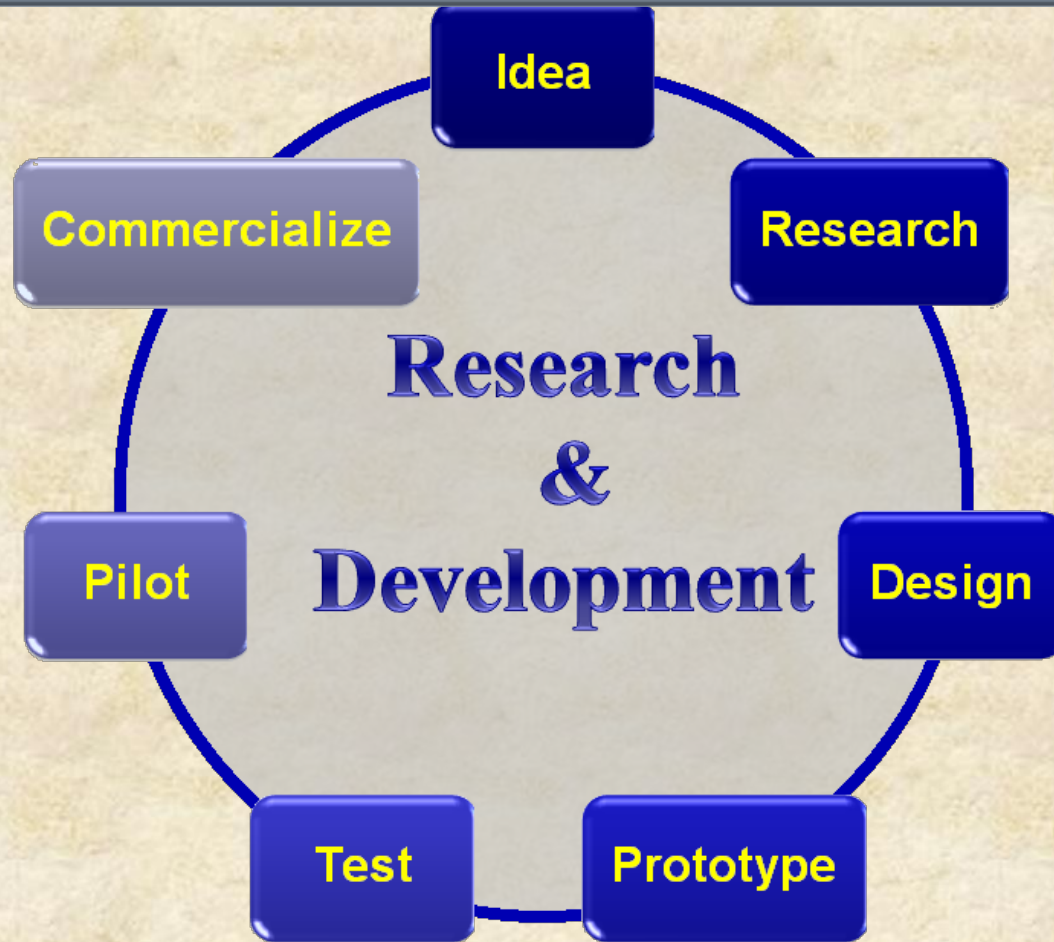
**Agile & Context-Driven  
are not things I “do”...**

*They are who I \*am\**

**Which is why I think of them  
as more *culture* than *practice***

# Neither Agile, nor Context-Driven are new

They are consistent with culture & methods embodied by:



...models for new product development that have been in use since long before software had been imagined.



# Which is why...

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My first reaction to both the Agile Manifesto & the principles of Context-Driven Testing was...

*Duh!*

With more experience, I realized that...

- I'm an outlier
- I didn't understand how "non-outliers" operated
- I had some personal research to do

Here is what I learned...

# **Prior to Commercial & Retail Software**

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Software production was largely thought of as:

## **Research & Development**

(and it was largely Agile & Context-Driven compliant)

**Then 2 things happened that  
changed Tester-land forever!**



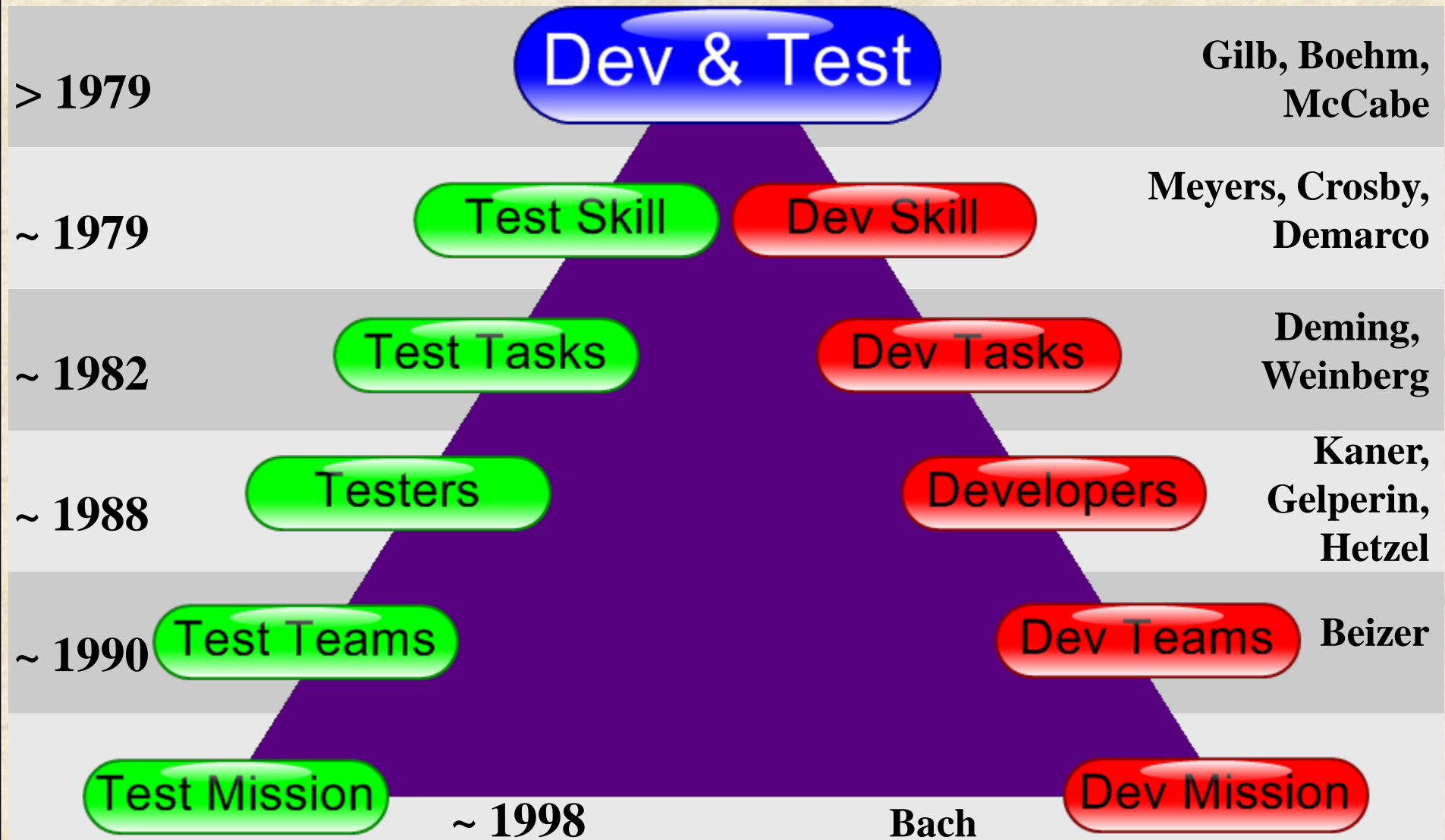
# 1) Software became a product

(prior to 1985, selling software was illegal in most countries)

**... and businesses began applying Manufacturing practices to software production.**



## 2) Testing & Developing diverged

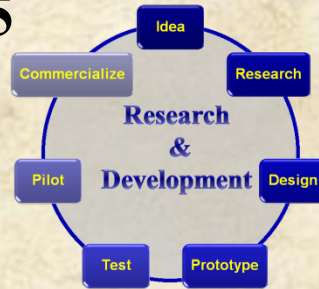




**Resulting in...**

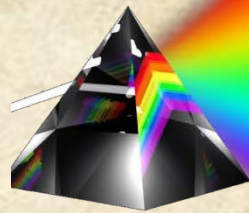
# Many Development & Testing Models

~ 1985



~ 2010

DevOps  
Agile  
Lean  
Incremental  
Spiral  
Iterative  
W-Model  
V-Model  
Waterfall





# I Predict...

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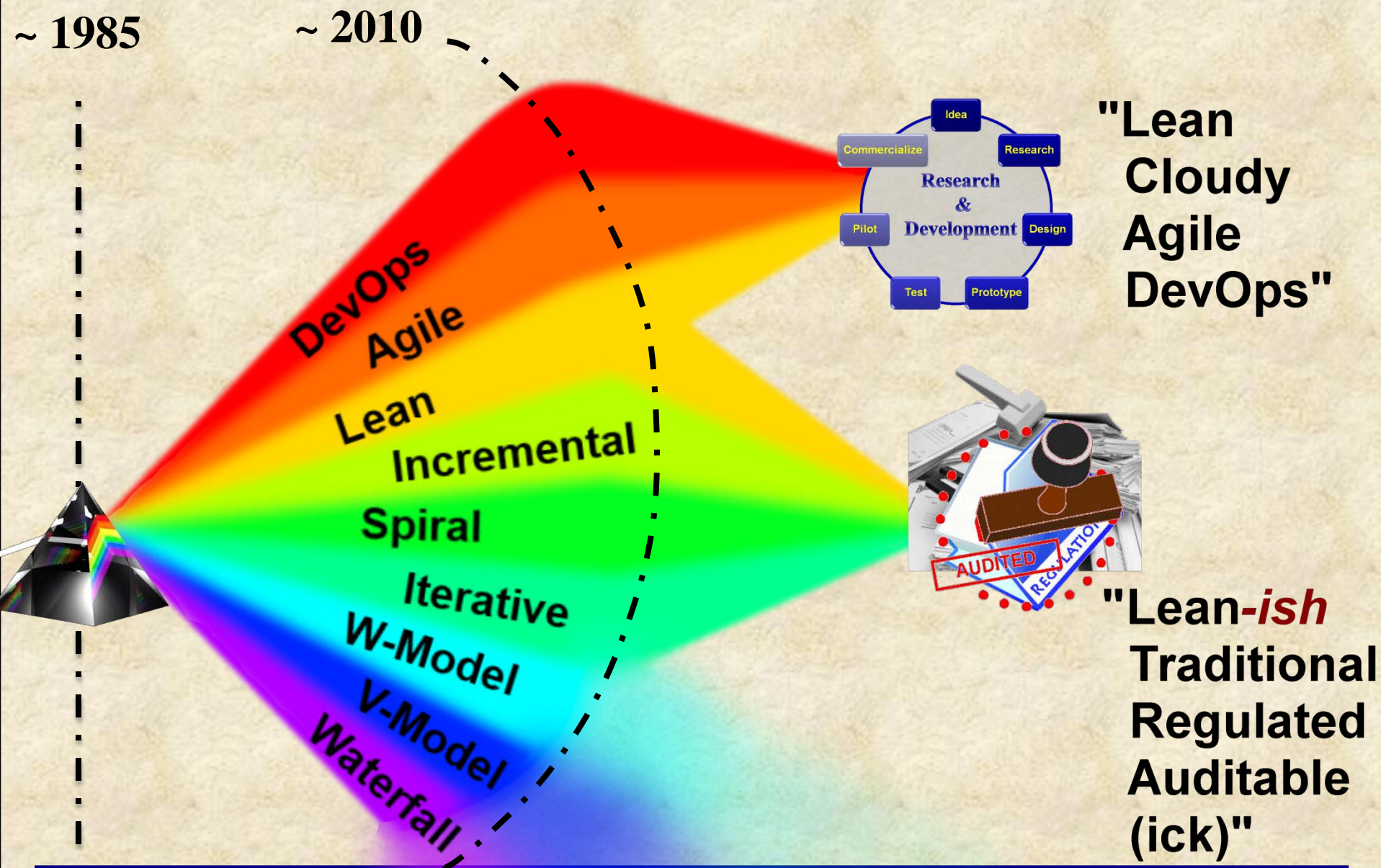
Future software historians will list:

**~2010**

as the time when:

**Software production methods  
experienced a permanent  
fork in the evolution of cultures,  
practices & perceived.**

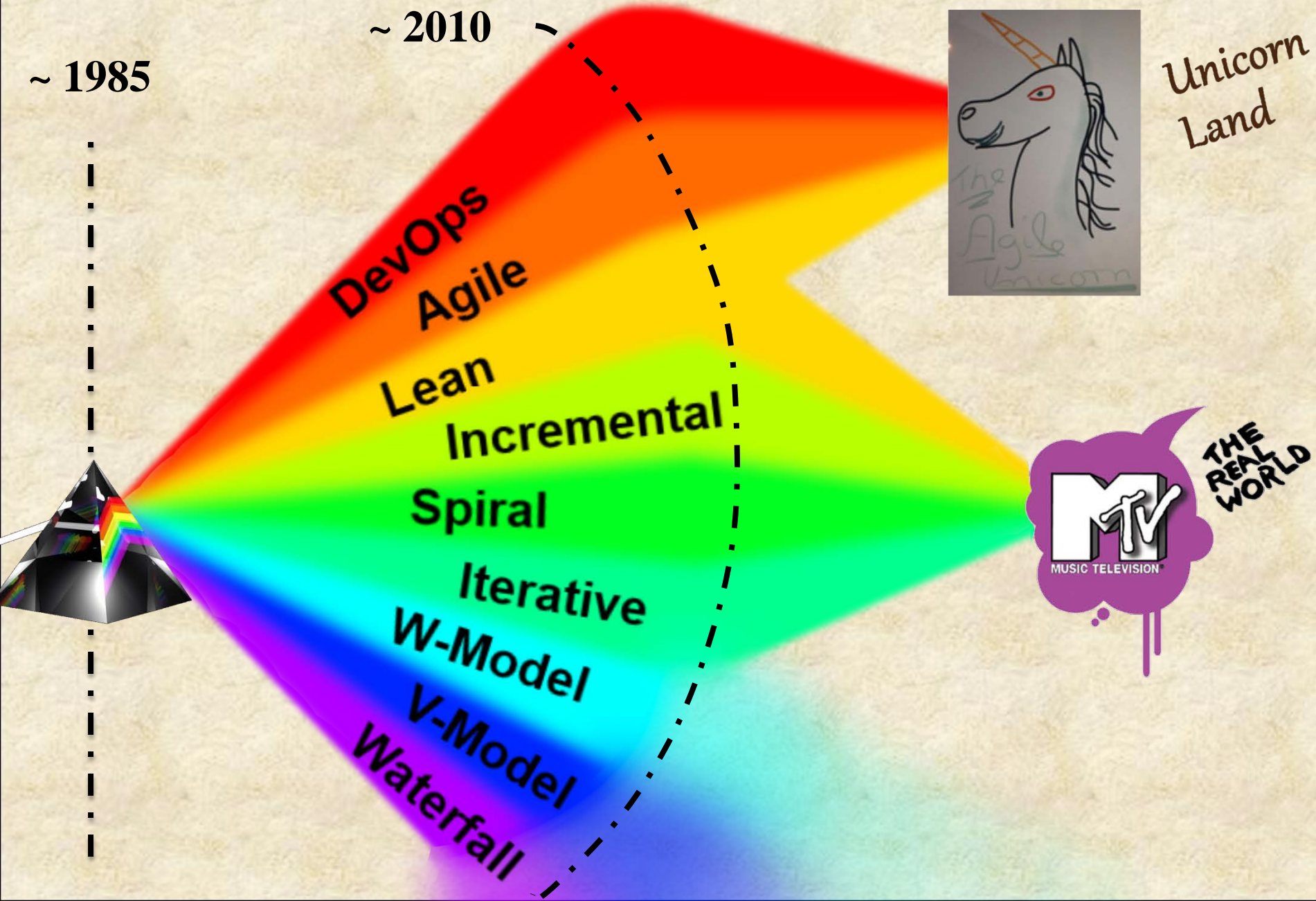
# SDLC Spectrum; Ongoing Evolution





**Also Known As...**

# Unicorn Land vs. The Real World





**But what does  
that mean for  
Testing/Testers?!?**



**Whichever fork  
you are on, one  
truth will trump  
all...**



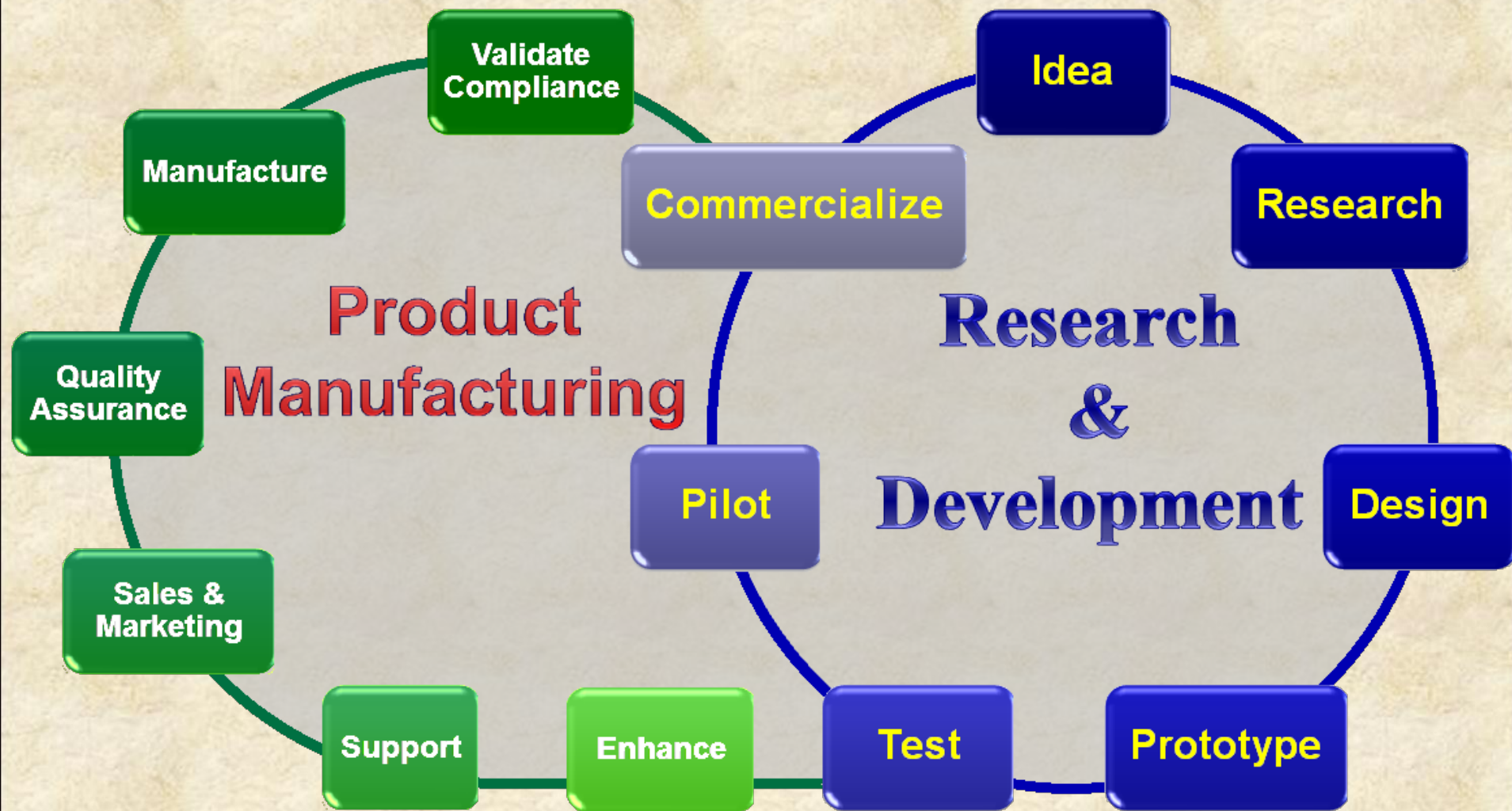
# Contributing to Business Success

Skilled, intelligent  
testing that  
contributes to  
business success will  
be needed for the  
foreseeable future.





**In —Land, some  
flavor of R&D will  
return to center  
stage**





If you think you  
can convince an  
executive that s/he  
*\*wants\** to pay for  
testing...

... you are

*\*wrong\**



My

**Recommendations**

Be an invaluable project team member – not an arrogant tester who acts like your bug is more important than \$13M in lost revenue if it doesn't ship on time.

Help your team produce business valuable \*systems\*, faster and cheaper.

Be a testing expert \*and\* a project “jack-of-all-trades” – reject the “testing union” mentality.

Do \*not\* assume that you \*can\* know the entire context of business decisions.

Above all else, remember...



**The only reason you  
get paid to test is  
because an  
executive thinks  
it will...**



... reduce their  
time to





# Questions

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# Contact Info

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***Scott Barber***  
***Chief Technologist***  
***PerfTestPlus, Inc.***

*E-mail:*

[\*sbarber@perftestplus.com\*](mailto:sbarber@perftestplus.com)

*Web Site:*

[\*www.PerfTestPlus.com\*](http://www.PerfTestPlus.com)

*Blog:*

[\*scott-barber.blogspot.com\*](http://scott-barber.blogspot.com)

*Twitter:*

[\*@sbarber\*](https://twitter.com/sbarber)



Please evaluate my  
presentation by using the  
evaluation booklets which  
you can find in your  
conference bag.

Thank you!