How do you know that your product works? Colombo Agile Conf, June 2014

Consultant crisp.se

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Agile & Lean coach

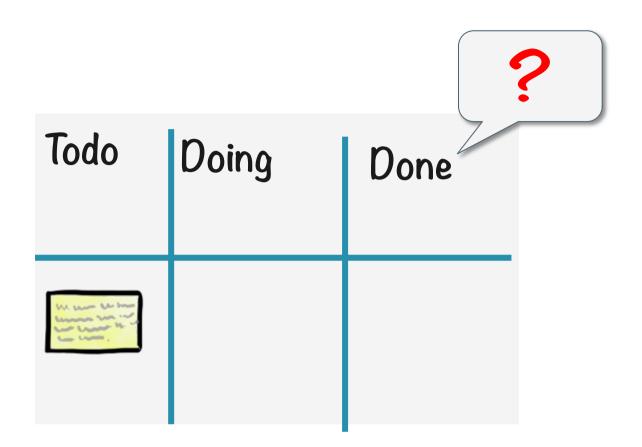


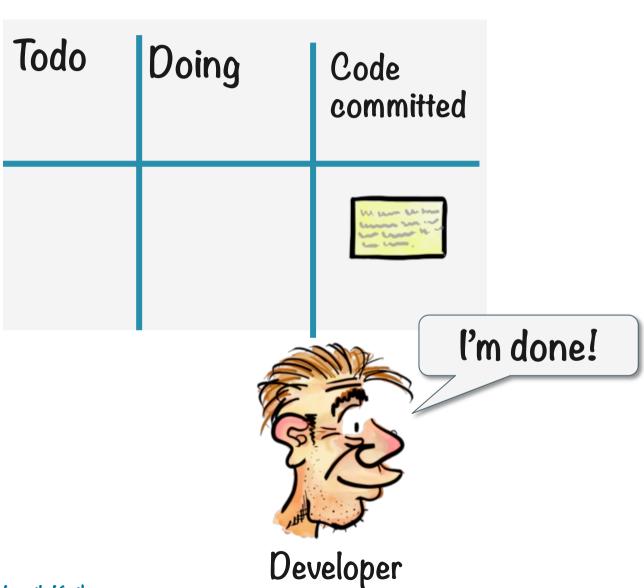


Author









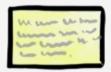
Where's my product?



Where's my product?

Code committed

Tested

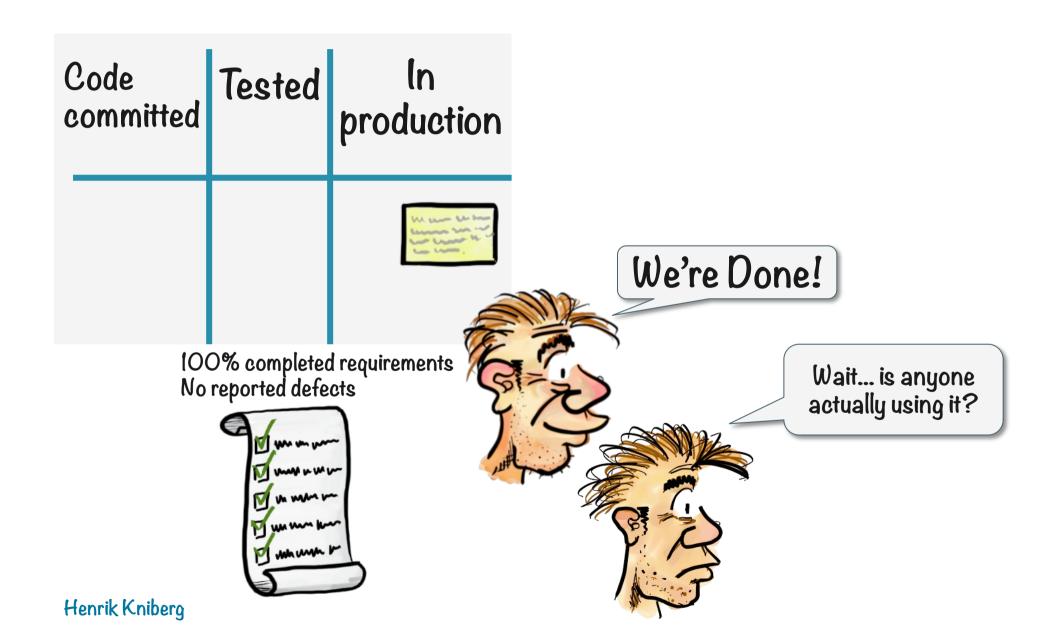


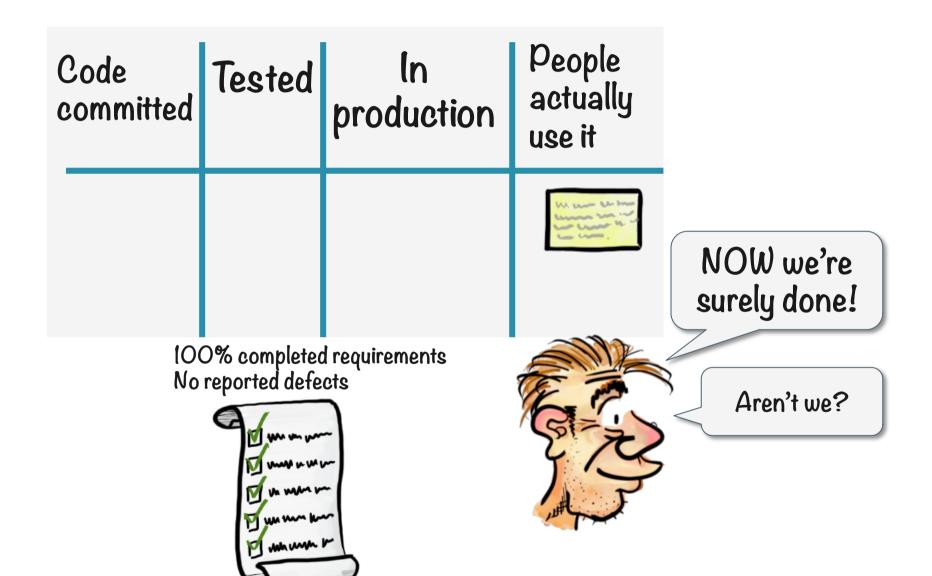


We're Done!



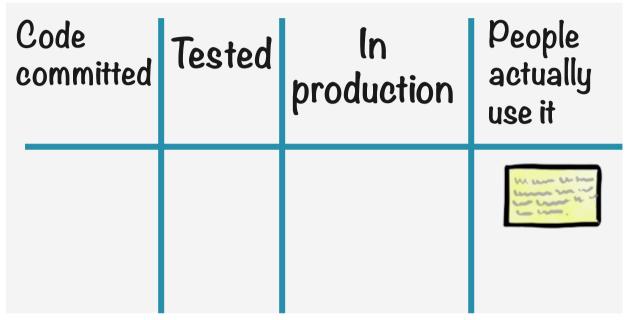
Developer





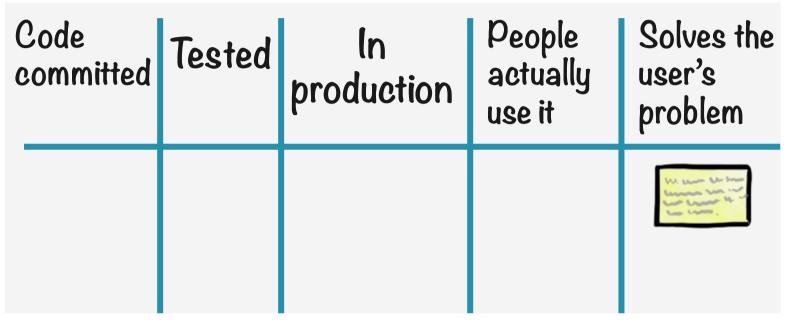
Henrik Kniberg





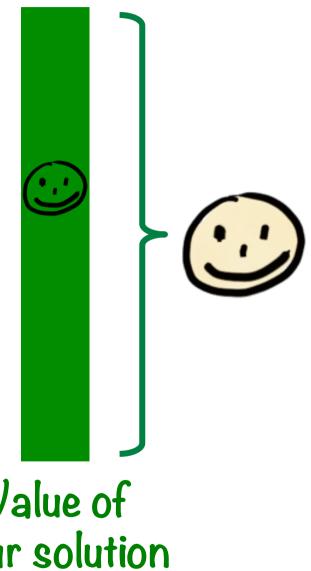
100% completed requirements No reported defects



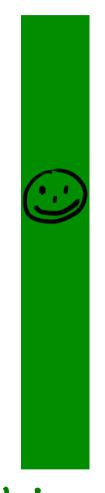


100% completed requirements No reported defects

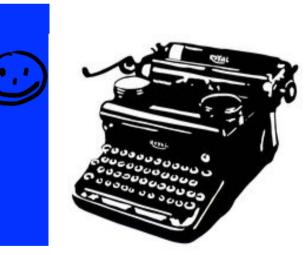


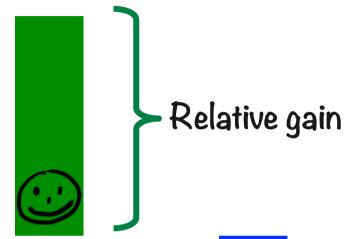


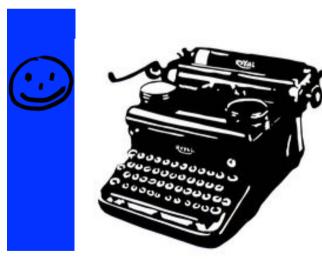
Value of your solution





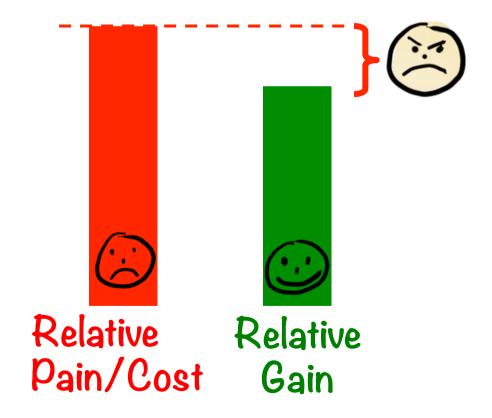




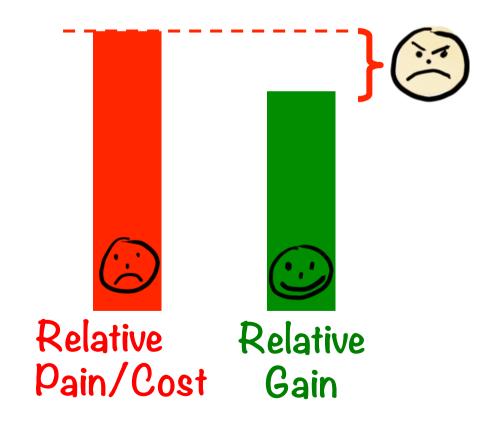


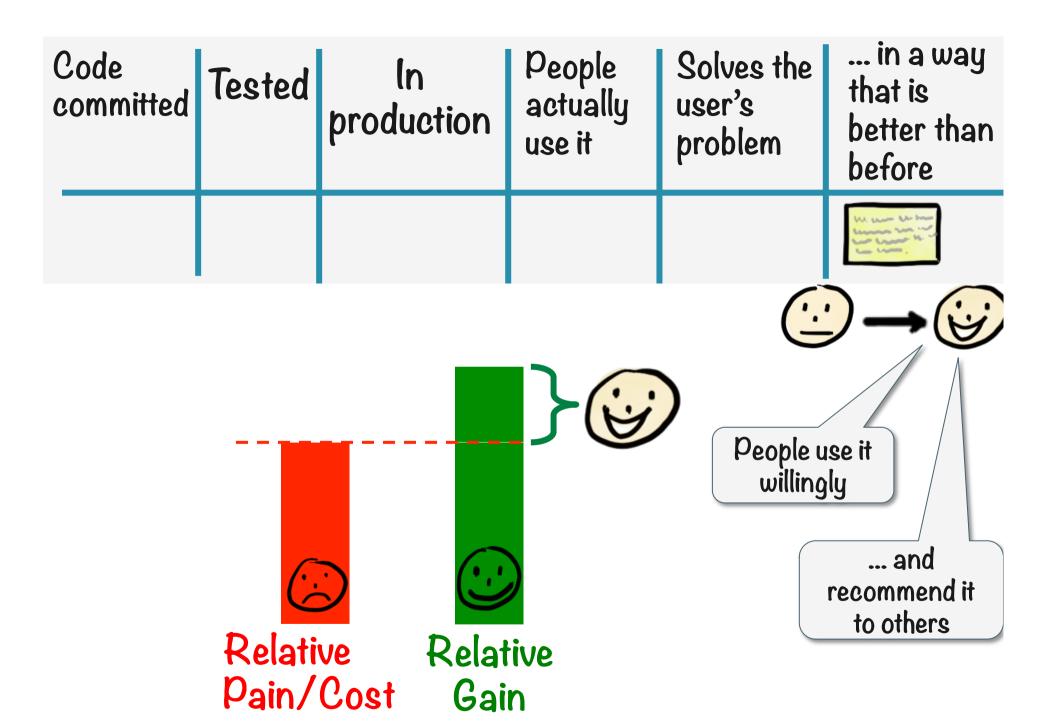
your solution solution

Value of Value of old

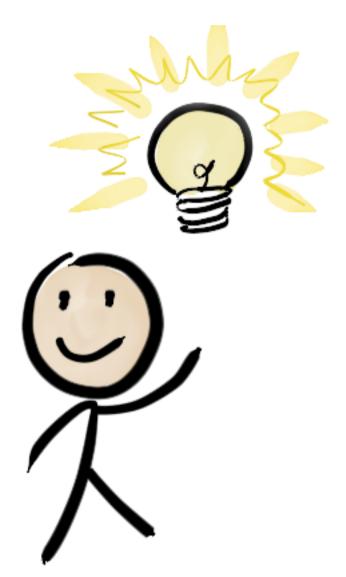


C	Pode ommitted	Tested	In production	People actually use it	Solves the user's problem	in a way that is better than before
					We work to be	

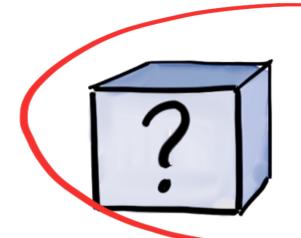




All products start with a Great Idea!



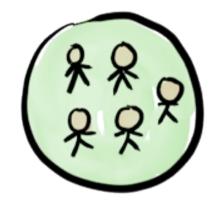
Risk



Business risk



Technical risk



Social risk



Cost & schedule risk



Search Buzz. Search the Web.

907pm M.Connect. #









Gmail

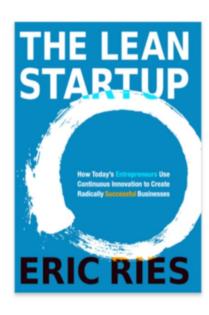
- Chat Search, add, or invite

Mr Tad Taco
Del status have *

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Cation* Add.Cacinol

Assume you are building the WRONG thing!





- List your hypotheses
- Build an MVP to validate/invalidate it
 - "Minimum Viable Product" the fastest & cheapest thing you can build to field-test your hypothesis



Hypotheses

1. File sync is a problem for people

2. Our product will solve the problem

3. People will want to use our product

Demo video





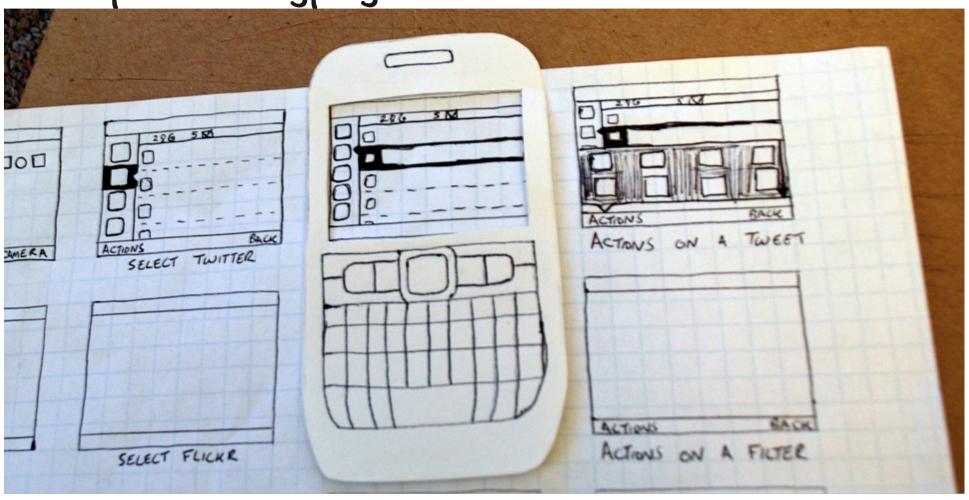
Drew Houston beta@getdropbox.com

Dropbox MVP





Paper Prototyping = Lo-tech MVP



Pirate metrics



AARRR!

Do people come?

Aquisition

Activation

Do they use the product?

Retention

Do they come back?

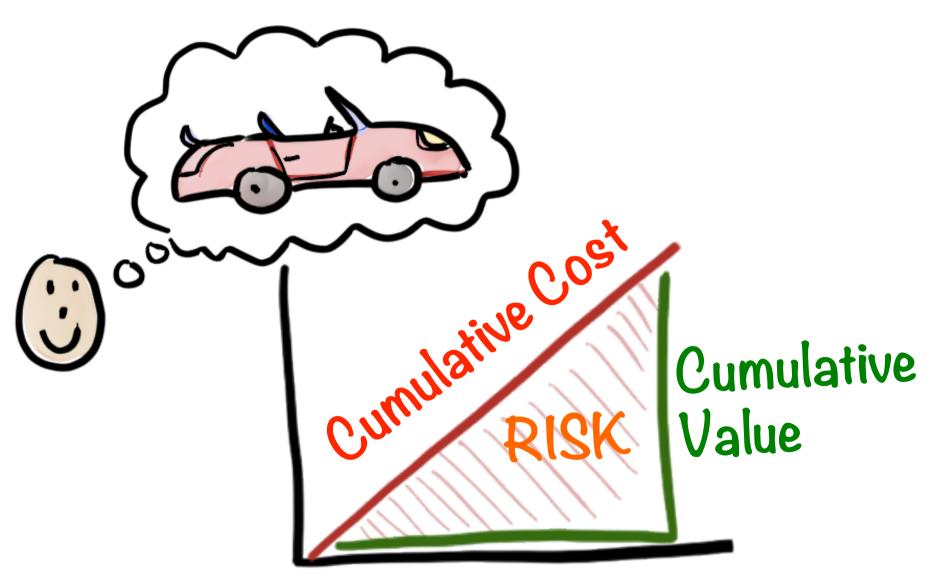
Referral

Do they recommend it to others?

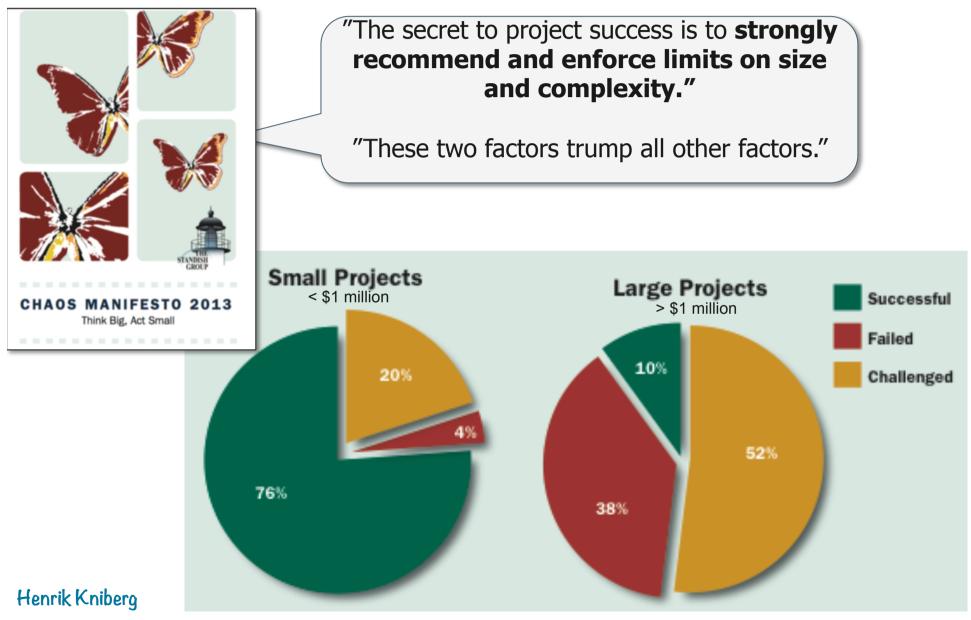
Revenue

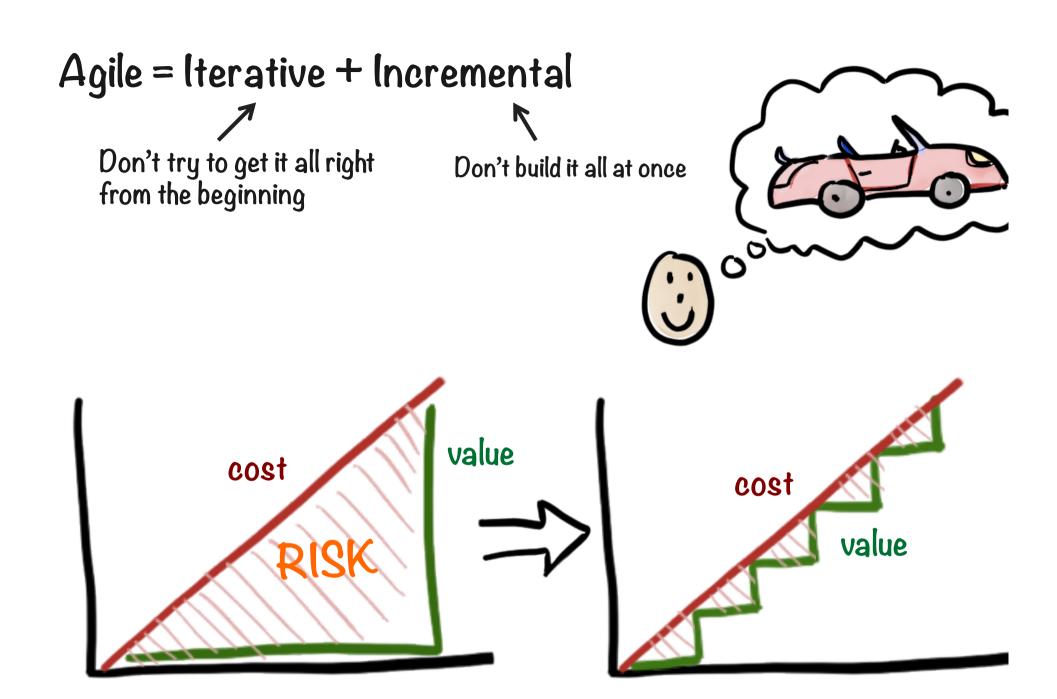
Do they pay?

Big Bang = Big Risk



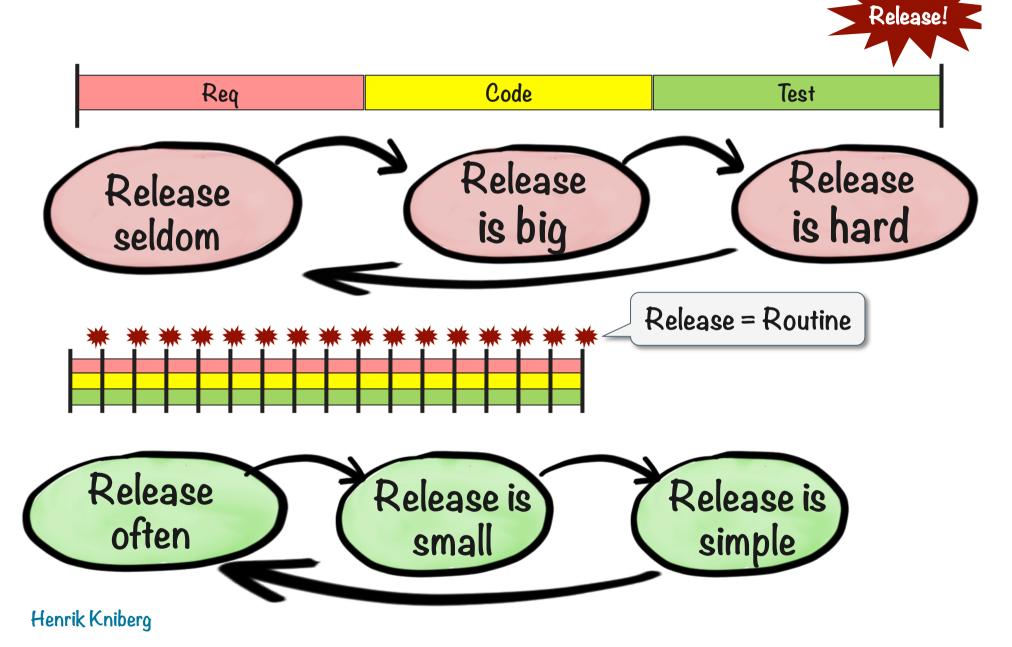
Big Projects usually fail. Regardless of process.





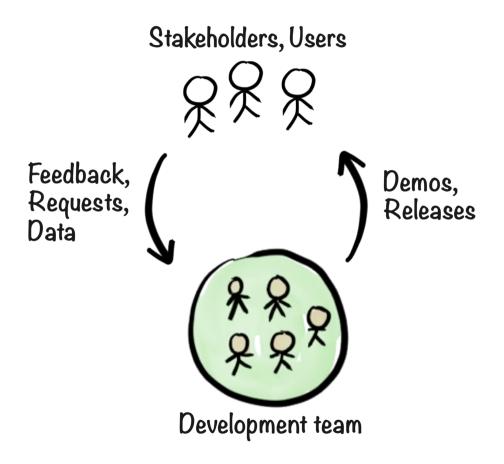
Release must be REALLY easy!



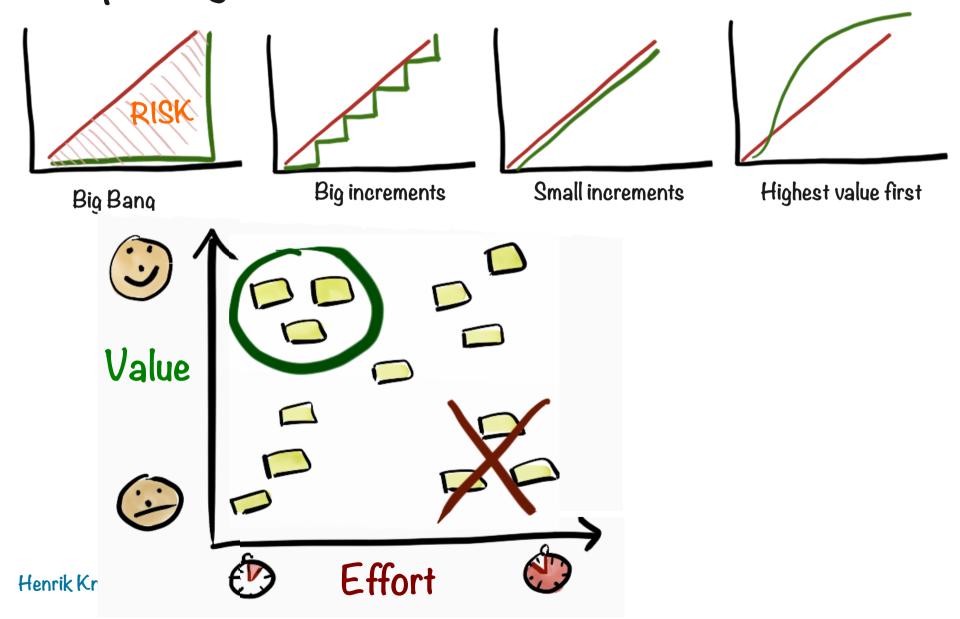


Fastest learner wins!

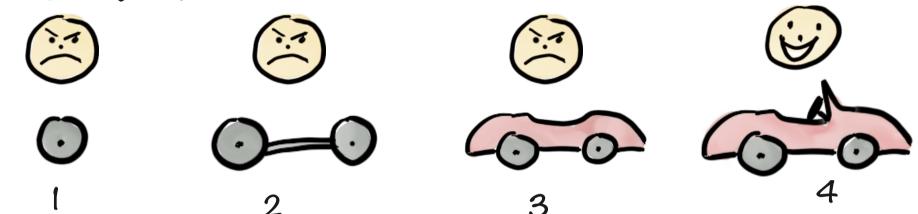
Delivery frequency = Speed of learning



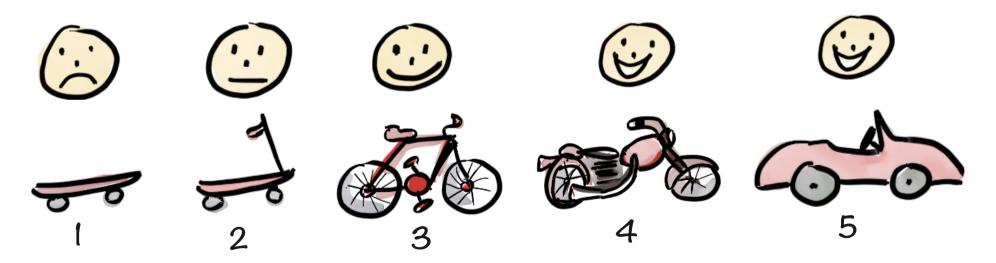
Improving the Value Curve

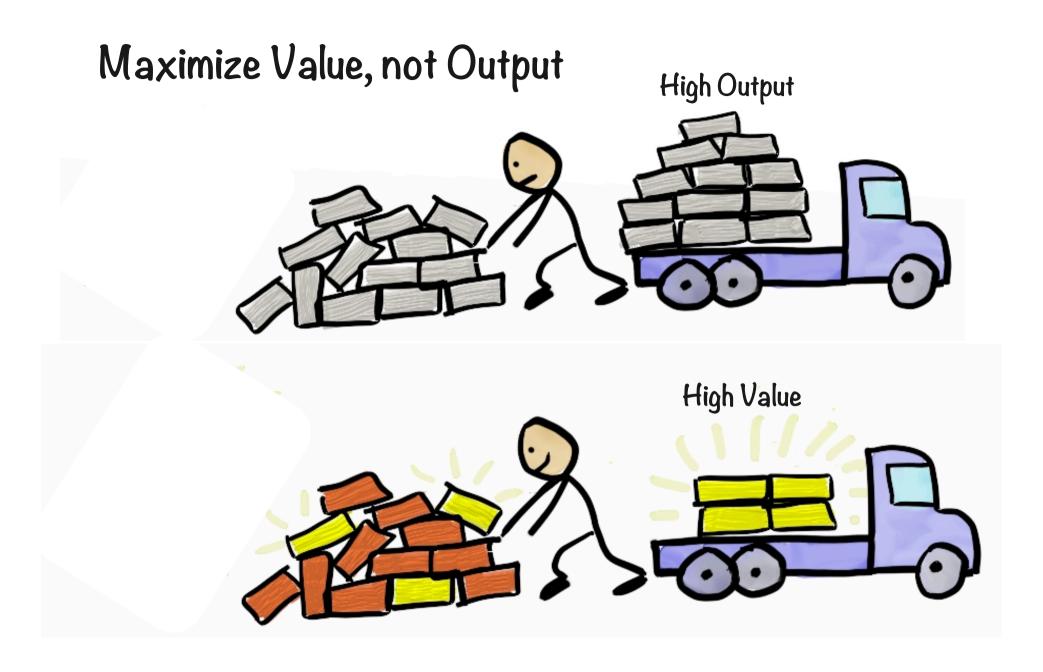


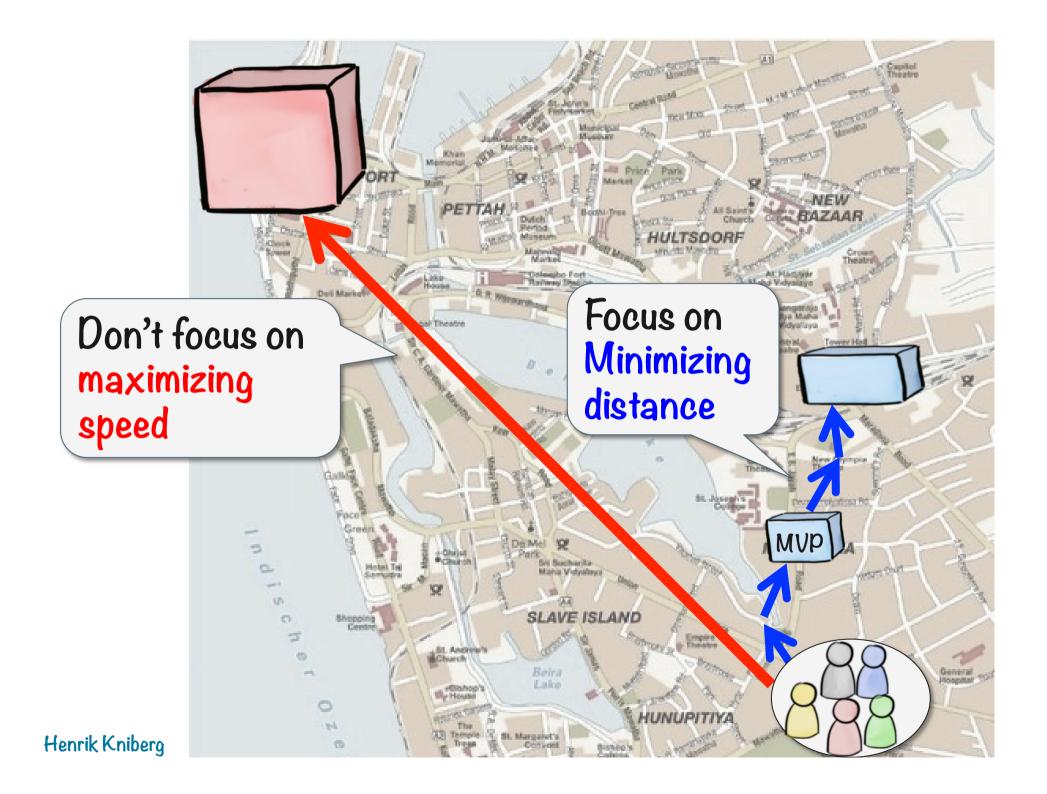
Not like this....



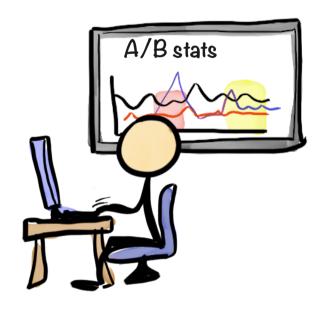
Like this!

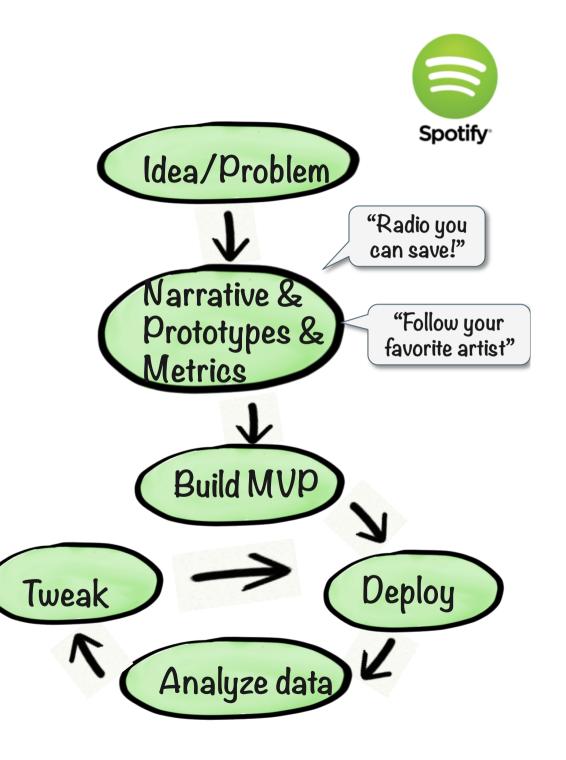












Manifesto for Agile Software Development

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

Individuals and interactions over processes and tools
Working Product over comprehensive documentation
User collaboration over contract negotiation
Responding to Feedback over following a plan

That is, while there is value in the items on the right, we value the items on the left more.

ensure How do you know that your product works?

1. Understand the problem

Who are the stakeholders?

What need do they have, that we want to solve?

How will we know when we've solved it?

How will we know if we're moving in the right direction?

2. Iterate until you've solved it

Minimize the distance to MVP

Deliver, measure, adjust continuously