How to do Kick-Ass Software Development

@svenpet
better software
less overhead
faster development
happy customer
happy developers

Agile
What's the state of Agile 2013?
Compiles? == Ship it!
We are uncovering better the only ways of developing software by doing it and helping teaching others do it. Through this work we have come to value:

- Individuals and interactions over and not processes and tools
- Working software over and not comprehensive documentation
- Customer collaboration over and not contract negotiation
- Responding to change over and not following a plan

That is, while since there is no value in the items on the right, we value only the items on the left more.
Programming, Motherfucker
Do you speak it?
Is Agile dead?
The Gartner Hype Curve

Visibility

Technology Trigger → Peak of Inflated Expectations → Trough of Disillusionment → Slope of Enlightenment → Plateau of Productivity

Time

Agile?
We need some smart people!
Stop following the next guru and kick-ass again
Deliver Kick-Ass Software
One Kick-Ass Team
Kick-Ass Collaboration
Deliver Kick-Ass Software
Feedback
Nurds is not spelled right. Please fix it!
You get feedback.
You want feedback
THE CROWD
Generate a kick-ass Feedback Experience
How was your security experience today?

Easy to find
Make it simple
Fast to submit
GOT FEEDBACK?
Opt in for a Better GreenHopper

Help us make GreenHopper better! We’re continuously working to optimise the GreenHopper experience for the needs of users like you. Anonymous usage data helps us do just that.

Would you like to turn on the collection of anonymous usage data for this GreenHopper instance? View details about information that will be collected, read our Privacy Policy for the data and our End User Agreement.

Yes, please  No, thanks

Getting Started with GreenHopper

GreenHopper has two primary modes, Kanban for constraint-based task management, and Scrum for iteration planning. If you’re not sure which one is right for your needs you can check out the learning links we’ve provided.

Scrum  Kanban  DIY
Got Feedback?

Rate the page  •  😎 Awesome  🌟 Good  😞 Meh!  😞 Bad  😞 Horrible

What do you like?  •  Good tools, but this talk doesn't kick ass at all!

What needs to be improved?  •  Add more jokes!

Upload a screenshot

Name  Freddy Eedback

Email  f.feedback@complain.com

Submit  Cancel
Got Feedback?

Rate the page:
- 🌟 Awesome
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What do you like?
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Name: Freddy Feedback
Email: f.feedback@complain.com

Submit  Cancel
Protect your Developers
The Sh*t umbrella

425 million user

100 developer
We're not doing Google Mail.
Everyone On The Front Line
Close the Loop

Feedback

and get personal
Care about your customers!
Have an effective feedback loop

Keep improving!
One Kick-Ass Team
Different Roles Responsibilities
Bottlenecks: Accountability: Scalability
Developer on Test
So the developers are doing all the work?
Quality Assistance [kwəl-ə-tē] [uh-sis-tuhn]

Quality is everybody’s responsibility. QA employees help and train developers to become better testers, testing the more complicated stuff, creating test data, investigating new test tools, and working on test strategies.
6 Tips for kick-ass DoTing
2. Pairing
3. Blitz Test
4. Test Recipe*

*advanced doting
5. Split Sessions*
6. Bug Hunter

* advanced doting
Quality is everybody's responsibility
Department barriers slows you down! Work together as one team!

Keep improving!
Kick-Ass Collaboration
The trouble starts with the team.
Traffic Rules are protecting us from accidents
Development Rules are protecting us from making mistakes.
Branch  Pull  Merge
A branch for every task
Branches have short lives, average 2 days.
we use Pull Requests

what do you think?
Why do you want to discuss your code changes?
fast approvals 2+ moving fast
we prefer Collocated Teams
the truth is
It's not always possible
Where do you work best?

...in the office?

...in the coffee bar next door?

...on your couch at home?

It depends.
How do you communicate effectively?
Are you crazy?
too much
Emails

- are bad for conversations
- lots of spam
- often too long
- needs an action
Emails are bad for conversations, lots of spam, often too long, and needs an action.
Who uses Chat?
Chat Rooms

Just the conversations you need to kick ass
Chat is great for remote conversations...and local!

People can stay in the zone.
Chat is great for different timezones.

The chat records all conversations that happened during the night.
Chat can pull people into the conversation with ease. Just @mention someone.
We built portals!
Remove collaboration friction.
Easy workflows -> fast development

Keep improving!
Kick-Ass Software Development
Is Agile dead?
Be excellent in everything you do
Build a kick-ass culture
Step out of your comfort zone and be more awesome.
Did you kick ass today?
Thanks!

svenpet.com/talks

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