

Engineering Culture

Secret Sauce of Great Software



~~process model~~



~~language~~
~~framework~~
~~technology~~



~~tools~~



~~trends~~



4



Overlooked
Deep impact
Hard to master
Everyday

/me

Michael Feichtinger

16 Years (Web-) Development

Now at karriere.at

> 1 Mio Unique Clients / Month

1







The diagram features two stylized human figures, each represented by a green circle head and a green rounded rectangle body. Above each figure is a thought bubble, also outlined in green. The left figure's thought bubble contains the text '/service/ TaskController'. The right figure's thought bubble contains the text '/karriere-at/ TaskController'. The thought bubbles are connected to the figures by a series of three small circles of decreasing size.

/service/
TaskController

/karriere-at/
TaskController

Communication

How to fix?

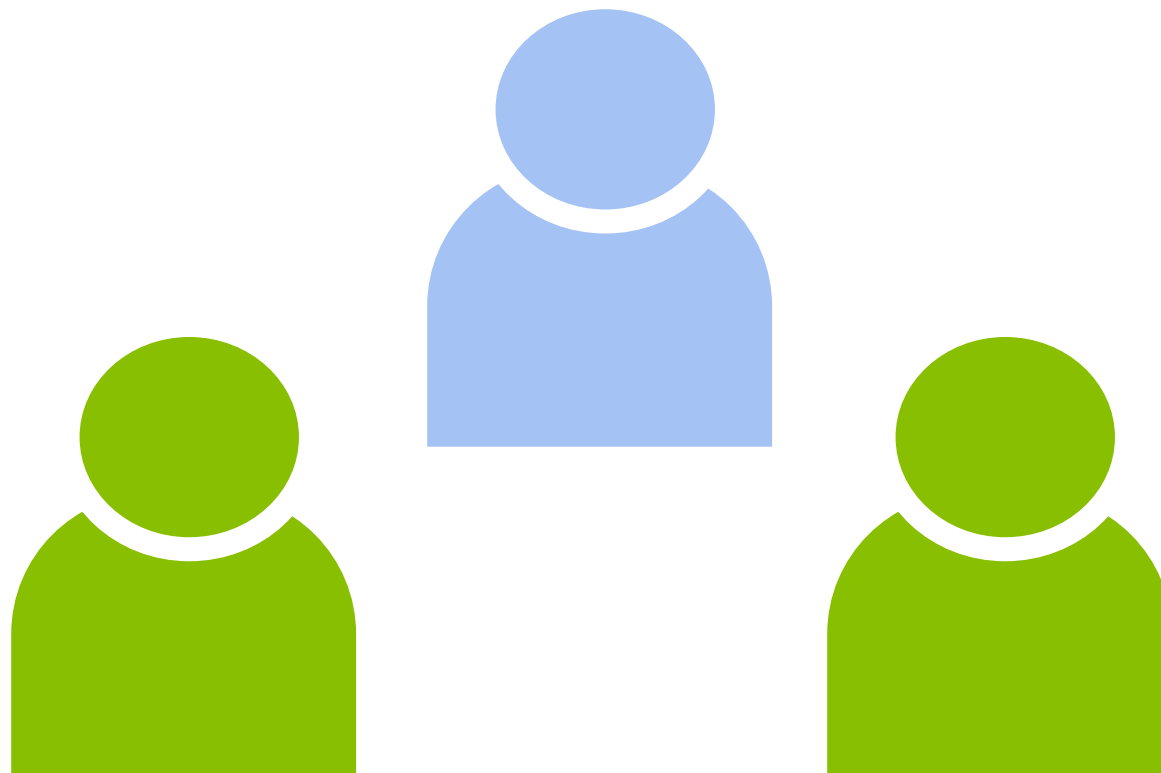
More is always better

Tell the Backstory

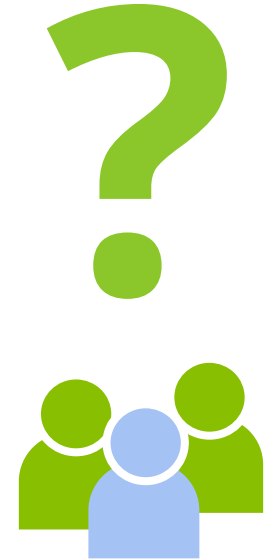
Repeat

Visualize

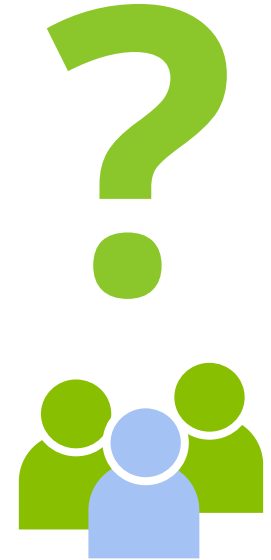
2



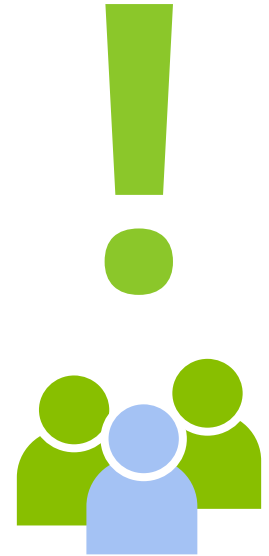
Scrum
Kanban
Crystal Clear
XP
V-Model



~~Scrum~~
~~Kanban~~
~~Crystal Clear~~
~~XP~~
~~V-Model~~



Sit side by side
Talk every day
Website vs. Admin
Decide together



Process

4 years later ...







Perfect Process?

Less is always better

Custom-made

Fix real problems

Everybody must agree

Try / Error / Improve

3



Feature

Quality

Support

Do



Don't do

Do

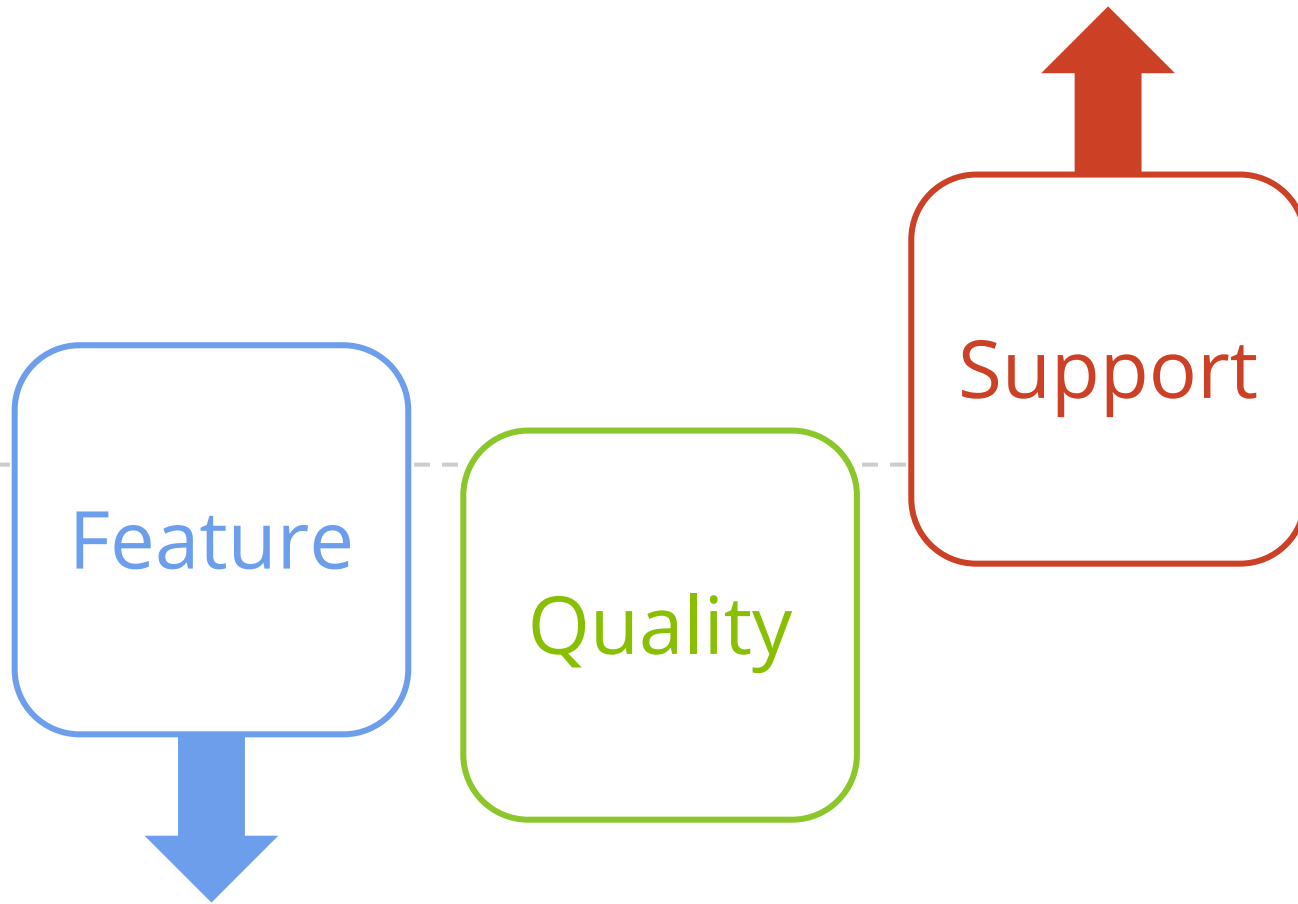


Quality

Support

Don't do

Do



Don't do

Do



Feature

Quality

Don't do

Quality

HUGE



Person in charge



Deployment
Workflow



Security



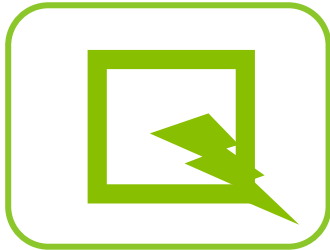
Functional testing



Code Reviews



Coding Guidelines



Test Automation



Development
Workflow



Performance



Server Monitoring



Start now. Never stop!

More is always better

Who is responsible?

All must do quality

4

PEOPLE

Perfect Developer?

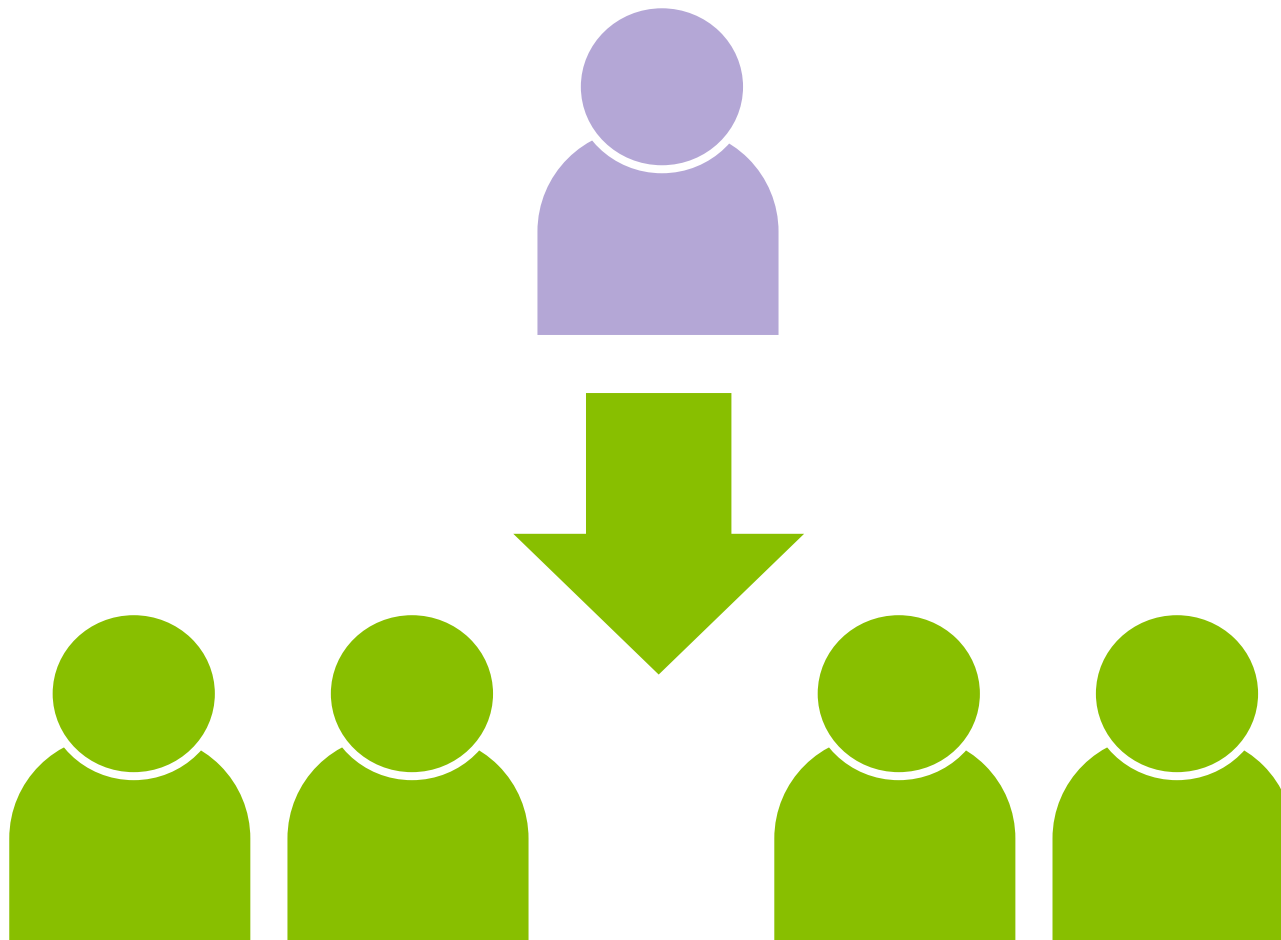
Drive

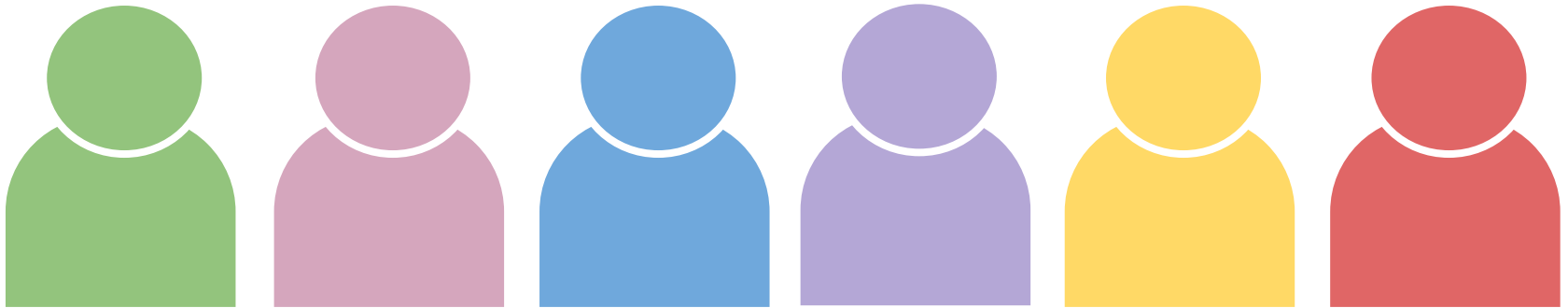
Flexibility

Humbleness

Pain-tolerance

Perfect Team?





People Business.

Recruiting is key
Focus on people
Everyone is different
People love freedom

1 2 3 4

Hire good PEOPLE
Build a simple PROCESS
Do QUALITY stuff
Improve COMMUNICATION

Hire good PEOPLE
Build a simple PROCESS
Do QUALITY stuff
Improve COMMUNICATION



That's it.

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