

Dev Day 2023 / Dresden / 25. April 2023

A Campfire Story

**The Tale of One Who Set Forth to
Improve the World of Software**

INNOQ



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**„Jedes Problem
lässt sich mit gutem
Kaffee lösen.“**

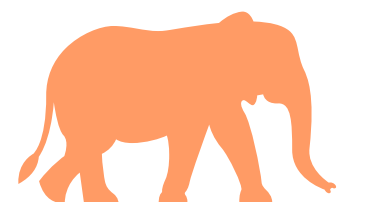
Benjamin Wolf

**Senior Consultant
bei INNOQ Deutschland GmbH**

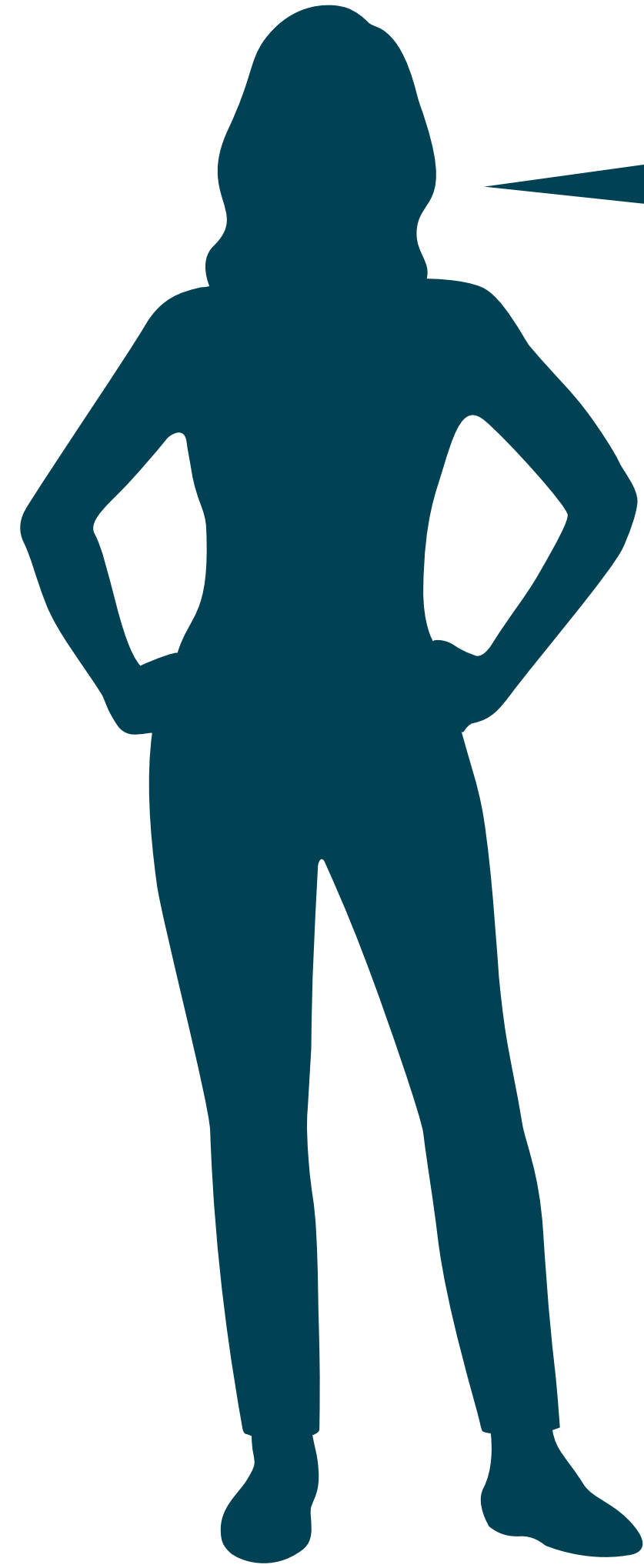
Trainer für iSAQB Foundation, IMPROVE, ADOC
Architekturberatung und -dokumentation
Anwendungsentwicklung in Java / .NET
Liebe für Softwarequalität
Kaffeeliebhaber



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*Hi, I am
Kim!*





code style

formatter

style checker

**commit
messages**

static analysis

code reviews







code style

**style
checker**

formatter

**static bug
analysis**

**continuous
integration**

**commit
messages**

**continuous
improvement**

**commit
hooks**

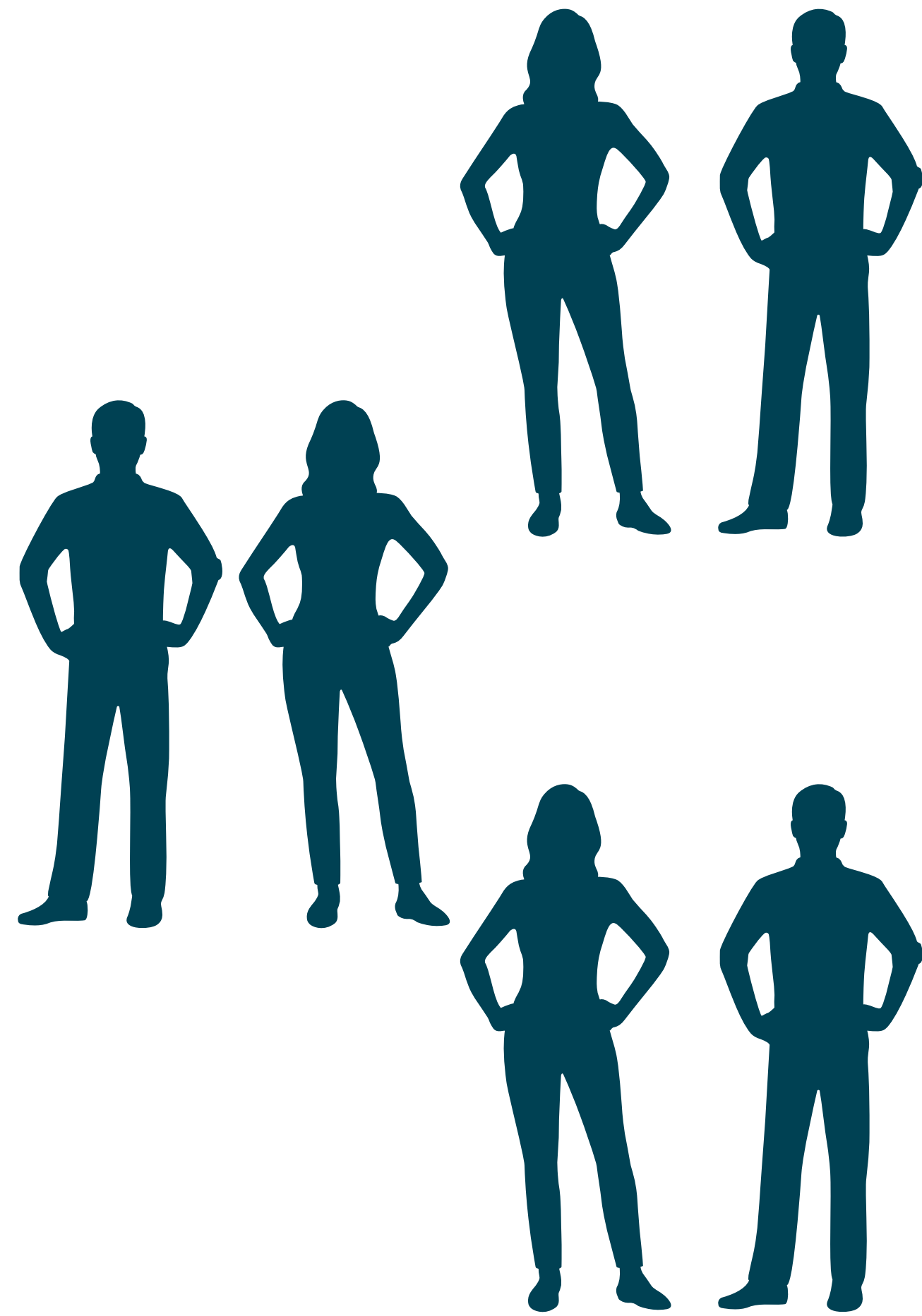
Follow
the
Punkers



Chefin:



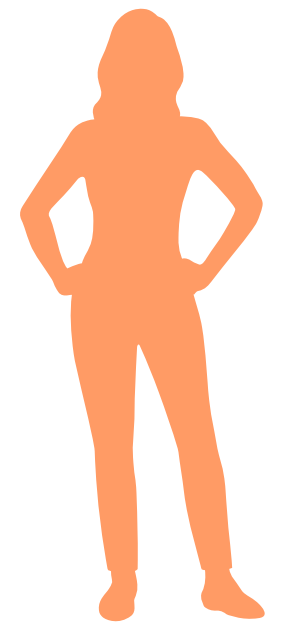




Why is she doing this?

Who is she anyway?

Why should WE do this?



code style

**style
checker**

formatter

**static bug
analysis**

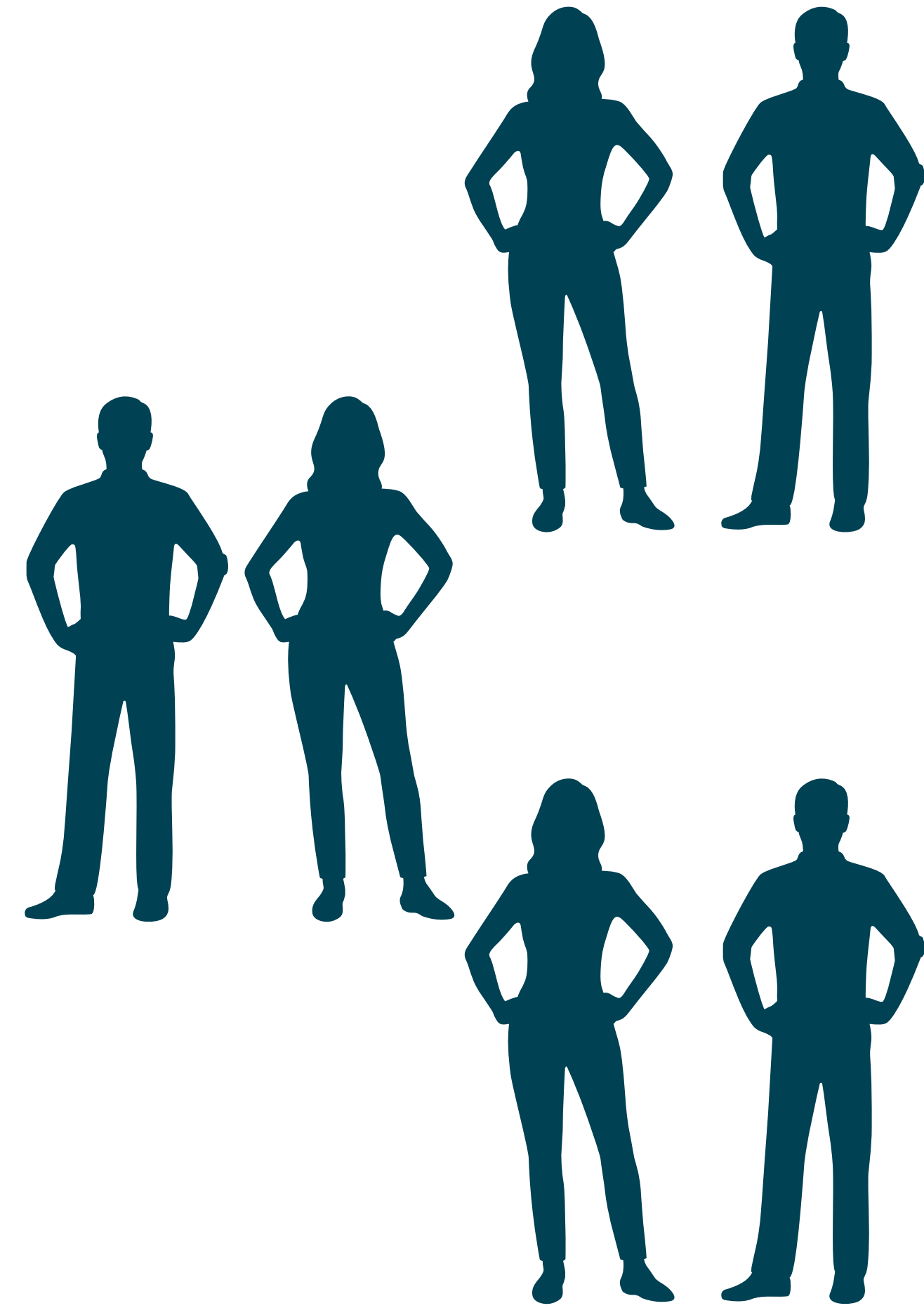
**continuous
integration**

**commit
messages**

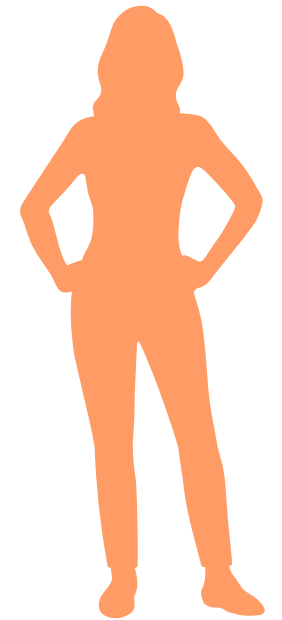
**continuous
improvement**

**commit
hooks**

**code
reviews**



WHAT?!
*She is going to evaluate **ME?***
***NEVER!!** I am against that!*





Enforcement

★
WHAT
GOOD SHALL
I DO THIS
DAY?

Commit Messages



Commit Hooks



Local changes



Code reviews ...



... on paper?!?

end-of-year review













20



...dependencies...
...dependencies...
...sources...
...sdk-tools-linux-4333796.zip...
% Received % Xferd Average Speed Time
Dload Upload Total
100 147M 0 0 4682k 0 0:00
android-sdk.sh
android-sdk.csh
android-sdk.conf
license.html
...source files with sha1sums...
...sdk-tools-linux-4333796.zip ... Passed
... Passed

Terminal window with menu (File, Edit, View, Search, Terminal, Help) and system status (CPU, Mem, Swp) and process list (PID, USER, etc.).

PID	USER	PR	NI	U	St	Ti	To	...
31208	saikiran	20	0	2000	R	0:00	0:00	...
22651	saikiran	20	0	2000	R	0:00	0:00	...
902	saikiran	20	0	2000	R	0:00	0:00	...
472	root	20	0	2000	R	0:00	0:00	...
21853	saikiran	20	0	2000	R	0:00	0:00	...
380	root	20	0	2000	R	0:00	0:00	...
1	root	20	0	2000	R	0:00	0:00	...

Photo by Sai Kiran Anagani on Unsplash



GOODBYE

FRIENDS













**Please
Stay on
the Path**

code style

code style

style
checker

formatter

code style

style
checker

formatter

**continuous
integration**

code style

style
checker

formatter

continuous
integration

unit
tests



Contagious Reviews

decent project

noun | 'di:s(ə)nt 'prɒdʒekt |

1. a software project that uses at least the following tools/methods:
 - version control system
 - issue tracker
 - build system for continuous integration
 - code reviews
 - unit tests
 - static code analysis

subversion



git

**manual
reviews**



**review
tool**

**trunk-only
builds**



**build all
branches**

code style

style
checker

formatter

**static bug
analysis**

continuous
integration

unit
tests

**continuous
improvement**

code
reviews



Photo by NOAA on Unsplash



code style

**style
checker**

formatter

**static bug
analysis**

**continuous
integration**

**unit
tests**

**continuous
improvement**

**code
reviews**

...

*Work **with** them*

not against them.

*Try to **convince** them*

not compel them.

*Your **colleagues** are your
most valuable assets!*

Do not
introduce new
things
all at once.

Your idea might
not be the best.

Take one step at
a time.

Do
not
act as a
lone wolf.



Allies
make
your
work
easier.



PASSION LED US HERE

A top-down photograph of a yellow ceramic mug filled with a chocolate latte, featuring a white latte art design of a swan. The mug sits on a bright blue saucer. To the right, a portion of a silver laptop is visible, showing the keyboard with keys for 'tab', 'caps lock', 'shift', 'fn', and 'control'. The entire scene is set on a light-colored wooden table.

One more thing...

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