

ALM Octane – in other words...





Amir

.... or in graphics



Joel



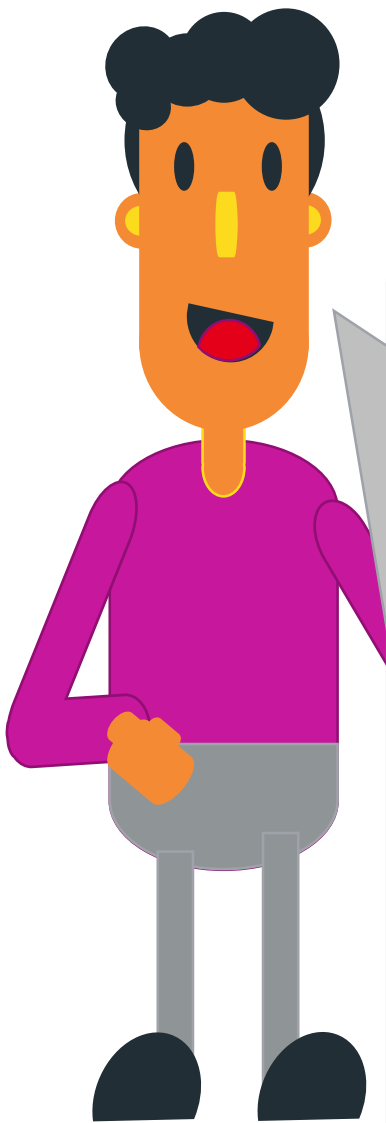
Right, lets start.



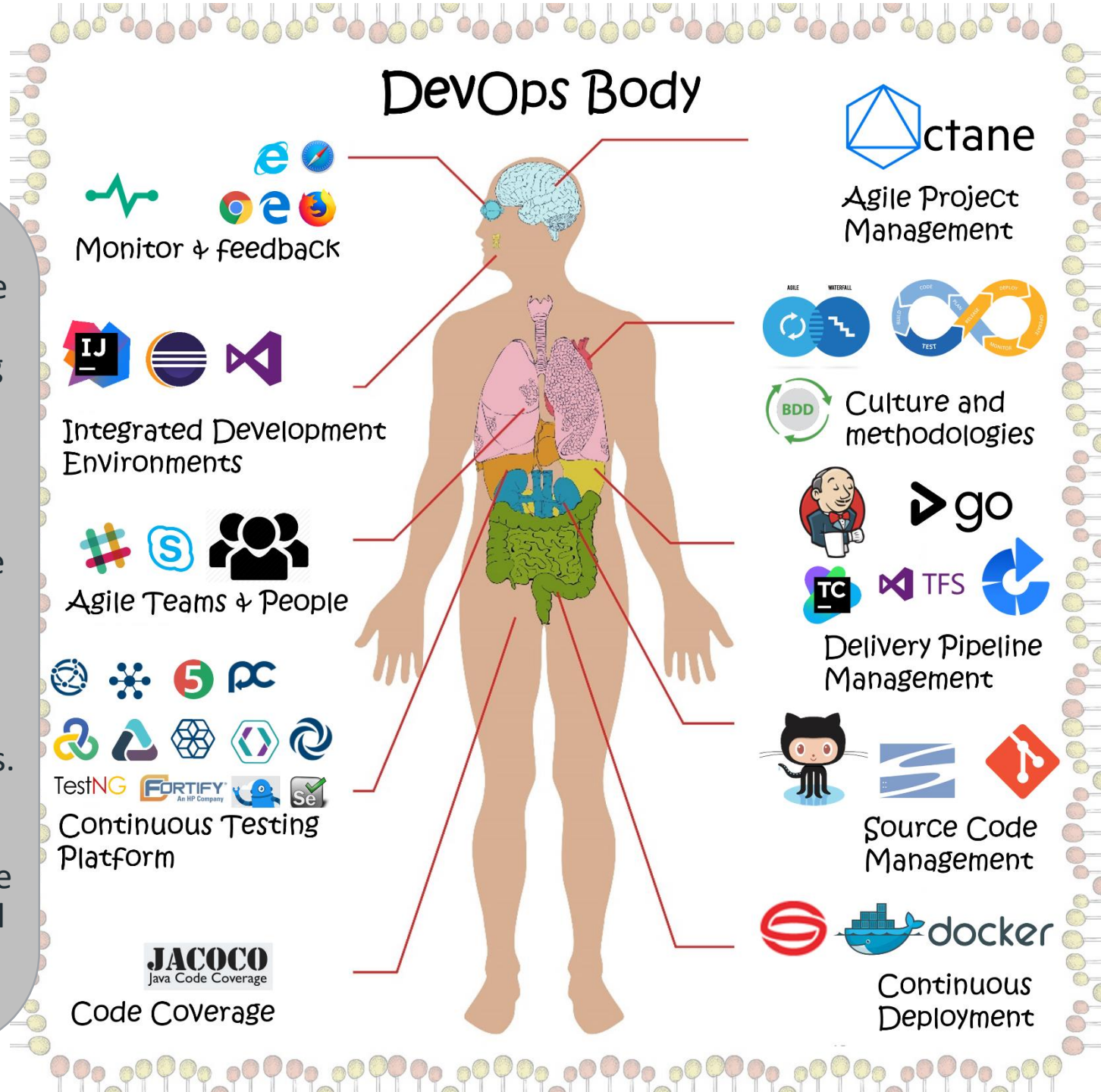


Lets start with an
organic view on
DevOps...





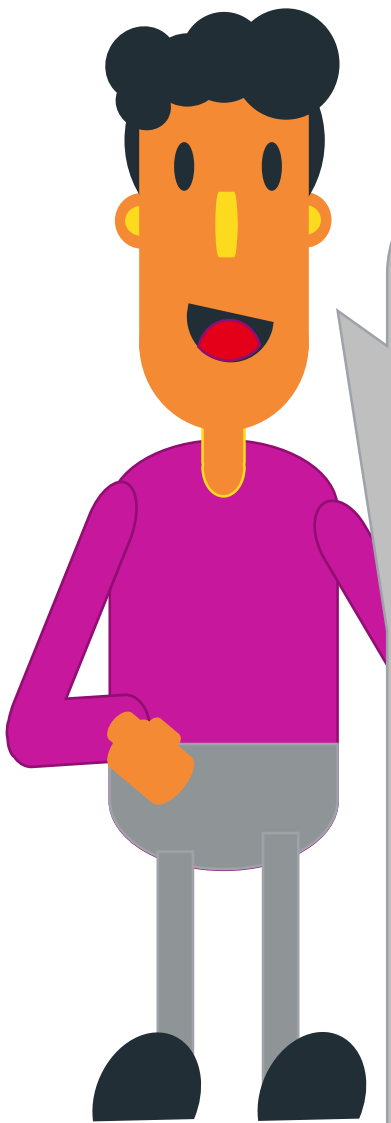
This illustration of the DevOps body exactly points out the requirement towards DevOps. The heart represents the culture and methodologies as well as the lung is the air the body is breathing, which represents the people and agile teams. The overall component and main important organ beside heart and lung is the brain. It represents the agile lifecycle management platform, which is open minded and integrates all organs of the continuous streams within DevOps. Continuous Integration, Development, Testing as well as Deployment are key criteria for the overall success of DevOps. So if all can work in harmony then your DevOps approach will be successful.





Cool stuff and nice mapping... So what should organization focus on when they are **selecting an agile lifecycle management platform** for their transformation of traditional approach into agile **towards DevOps?**





Well, we suggest to concentrate on 5 aspects:

Transformation – the tool should definitely provide support for a BI-model approach while the transformation is ongoing.

Collaboration support is a must for agile teams working in transformation projects, specially team tools like SLACK and Skype.

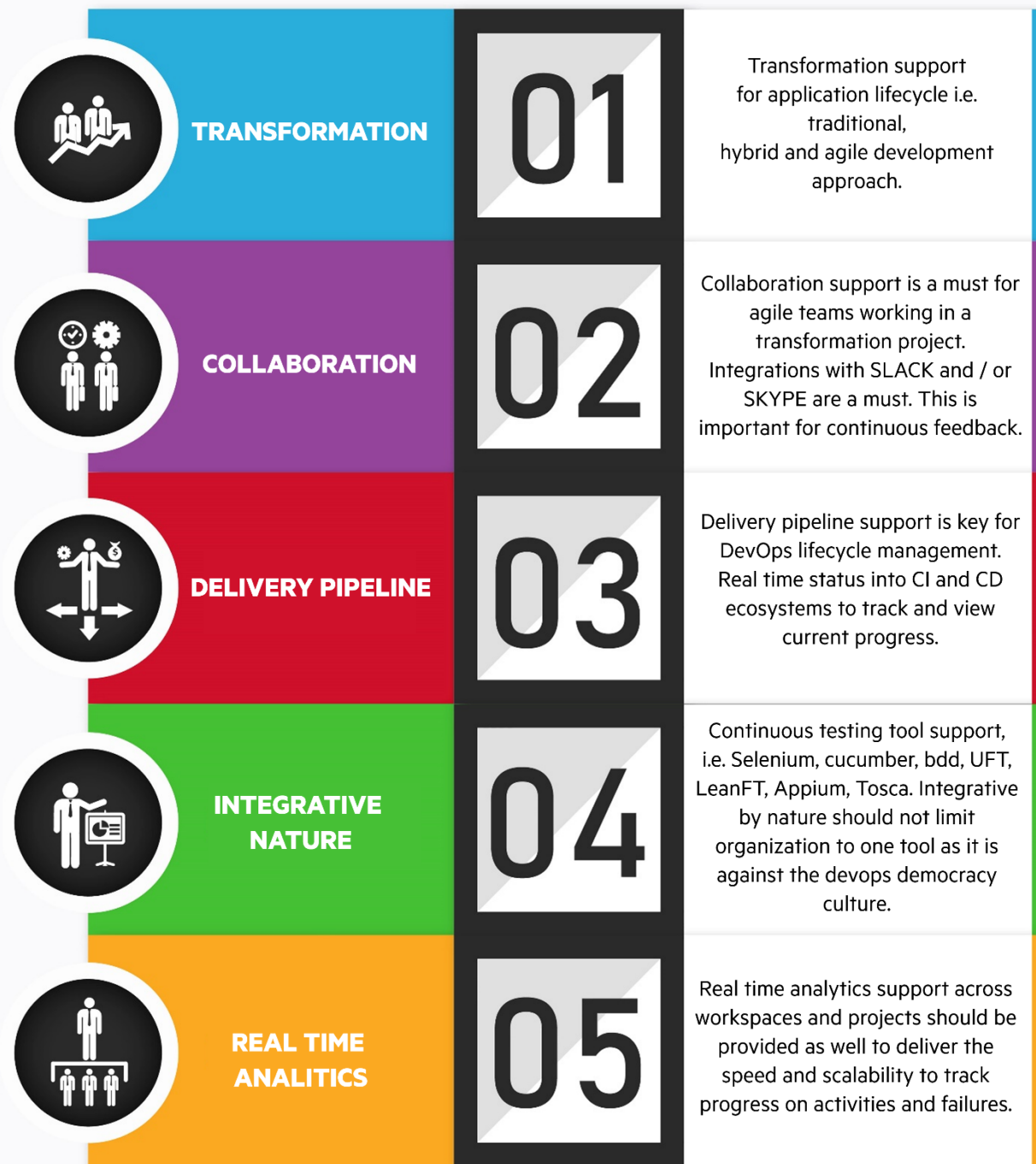
As speed and pace are important, the tool should provide analytics and insights on the **delivery pipeline**.

Integrative by nature, tool should support all streams of continuous aspects within the transformation and towards DevOps.

Real time analytics, to be able to react faster and have the governance across the ongoing projects, it should have reporting and analytic functionality to track progress of each stage.



DevOps Lifecycle Management





Great, so now we understand what the requirements are toward DevOps and the selection of the lifecycle management tool.





5 Steps for scaling DevOps



5 key steps for scaling DevOps within enterprises

1. **Start small, think BIG.** Invest in smaller projects with a team of individuals who have the skill sets & understand the culture to deliver innovation. Definition of small goals is most important. Management support required.

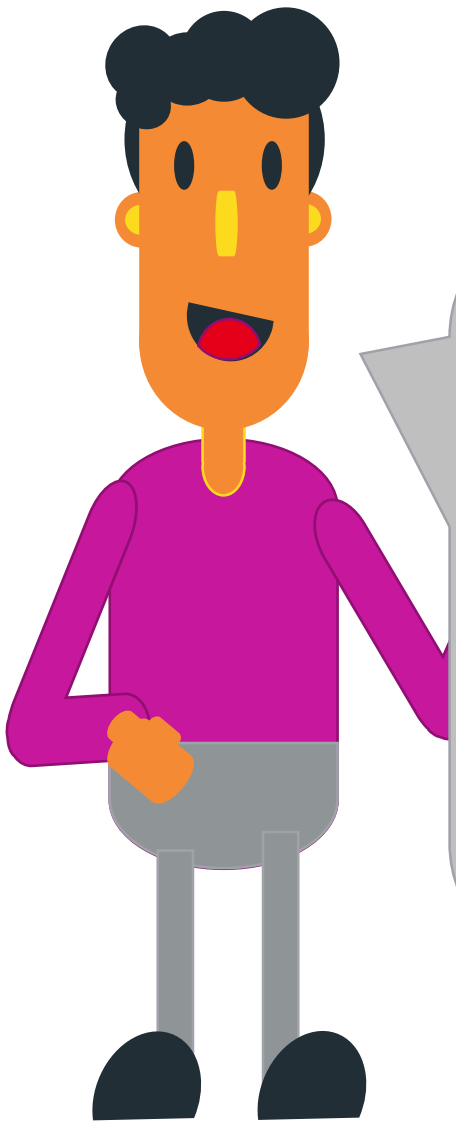
2. **Educate** - Make sure the team has the mindset & culture to drive your initiative. Create a culture where failure should be part of the plan to learn how to do it better: Continuously learning.

3. **Culture** - Push for positive culture between the cross functional teams, i.e. business, developers, testers, operations. There no more "this is the responsibility of the operations team" - it should be "this is our responsibility as ONE team".

4. **Feedback** - Get continuous feedback of your endusers to improve - Monitor the system to see how enusers are using the app & incorporate their feedback and make the required changes.

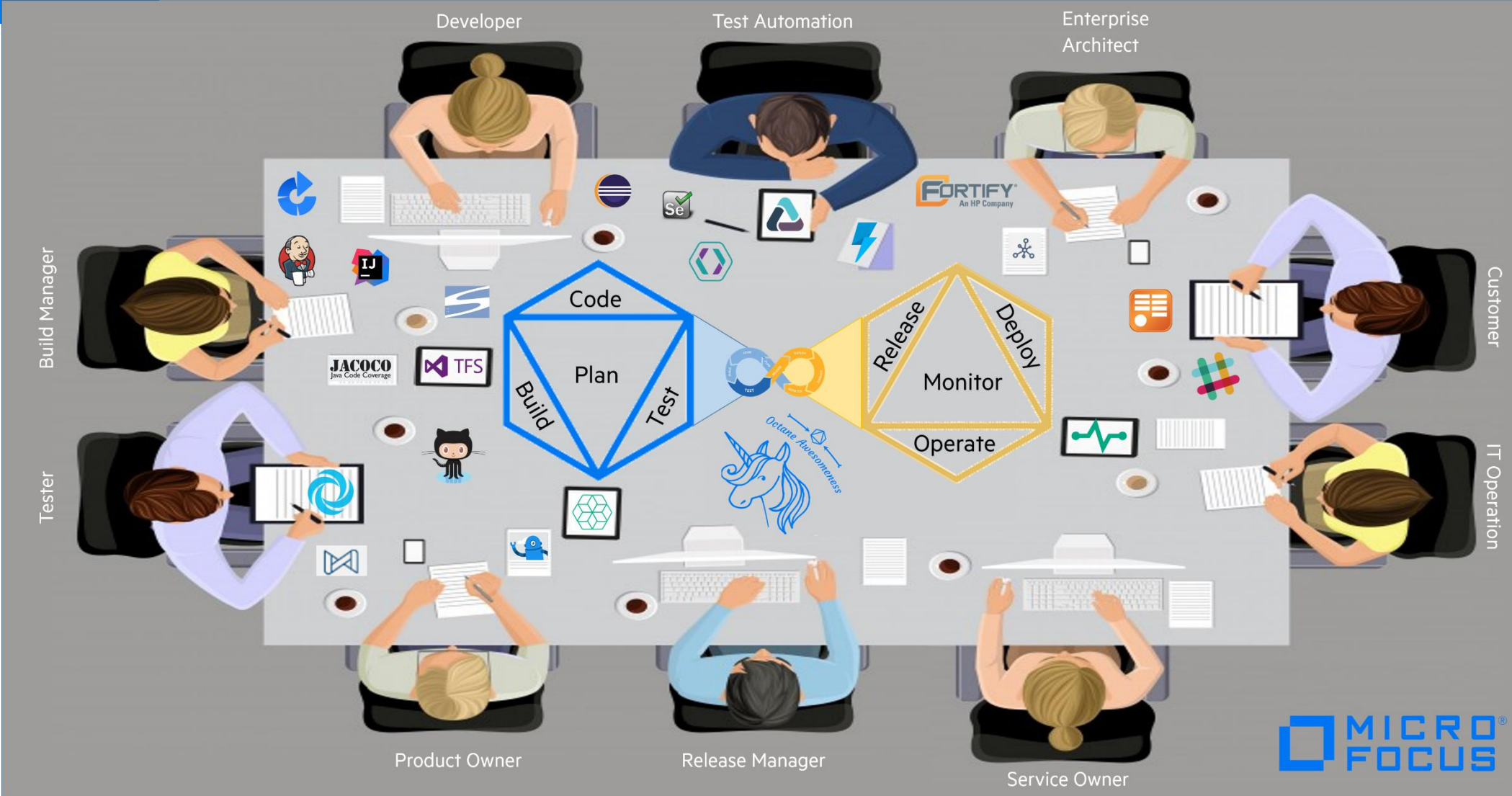
5. **Automate** - System wise THE key aspect of DevOps. Automate everything, incl. data synchronization, build, testing, deployment, etc. Reduce the manual interaction. Use tools which are made with the culture of agile project management and devops. Reporting, analytics and insights will help you to fix failures quickly.



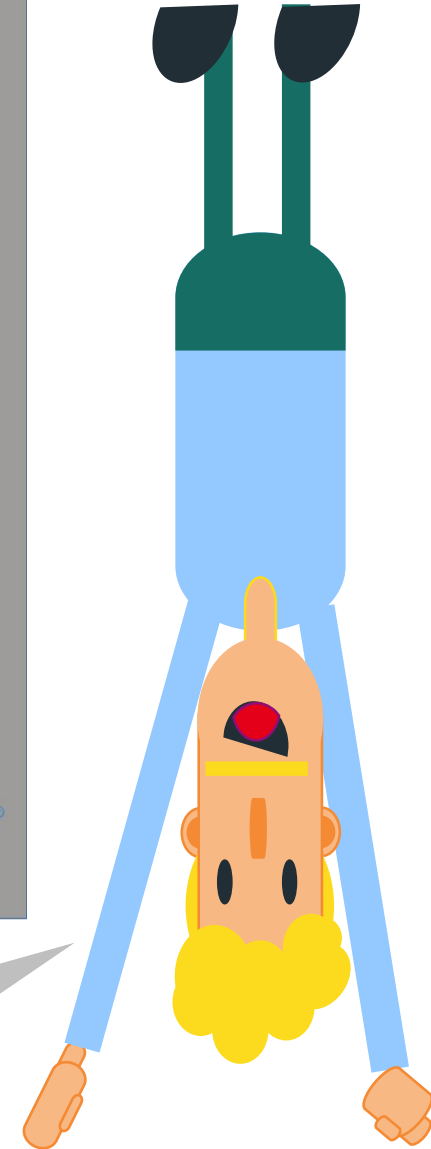


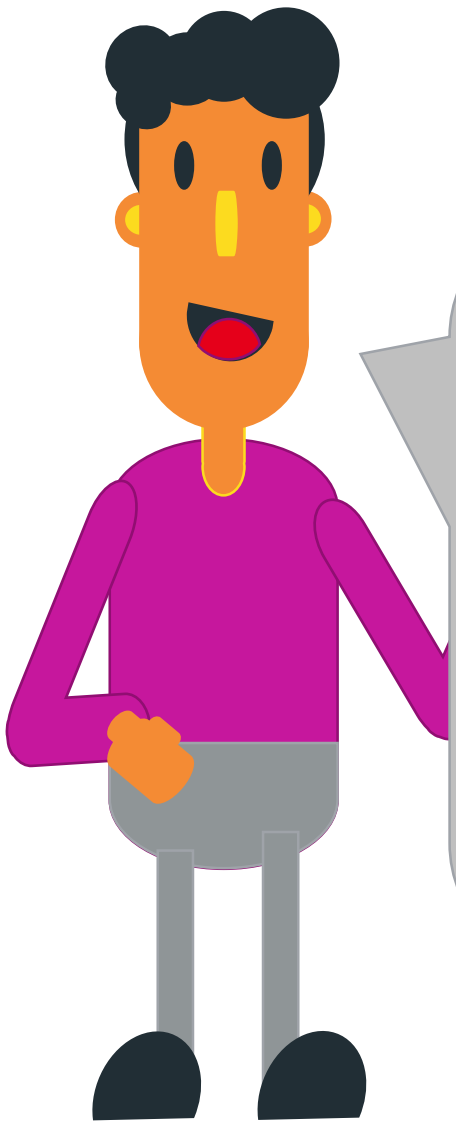
Cool, but what has this approach to do with ALM Octane? I mean there is lot of organizational and cultural stuff to take care of.





Good question buddy, ALM Octane is built for enterprise agile and DevOps centers. It allows to adopt all transformation aspects for easy adoption of the overall approach. ALM Octane is designed to be open minded and integrates by nature to all main teams and tools.



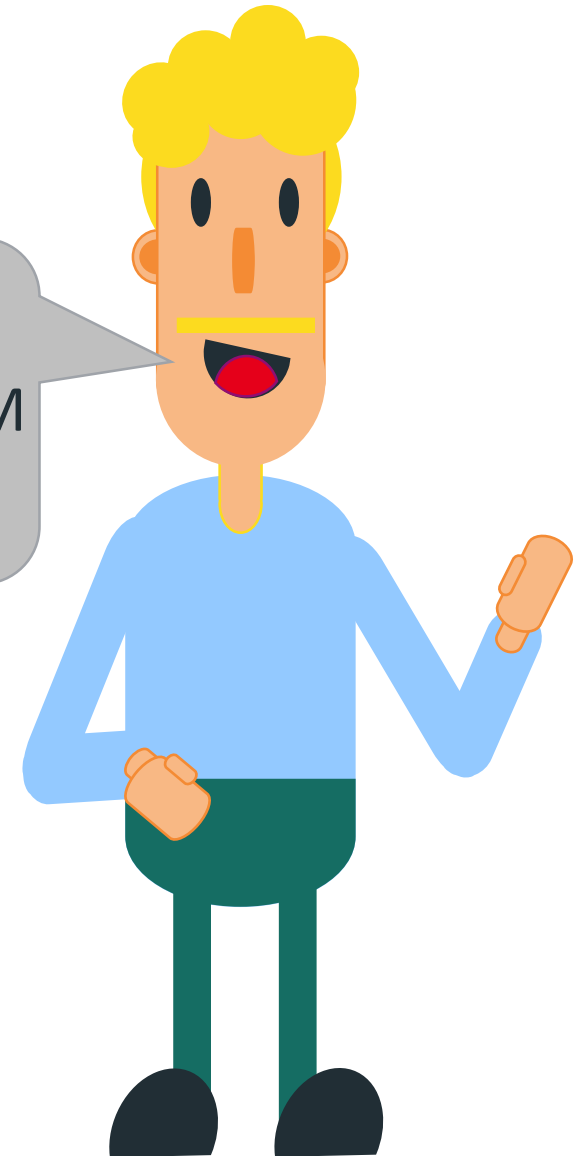


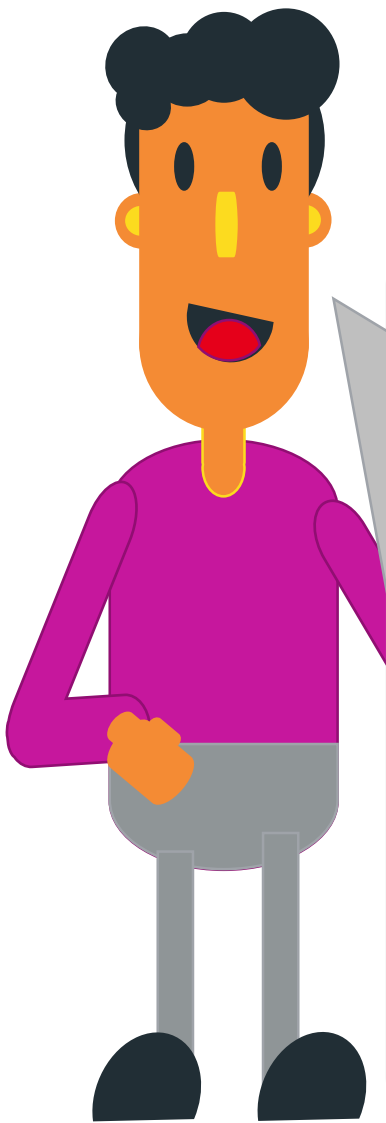
Got it! ALM Octane provides all the features which a agile team needs to adopt the culture and extend it to the whole organization. Very nice...





Right! Than lets now talk about
the main benefits your
organization gets by selecting ALM
Octane as the agile lifecycle
management platform.



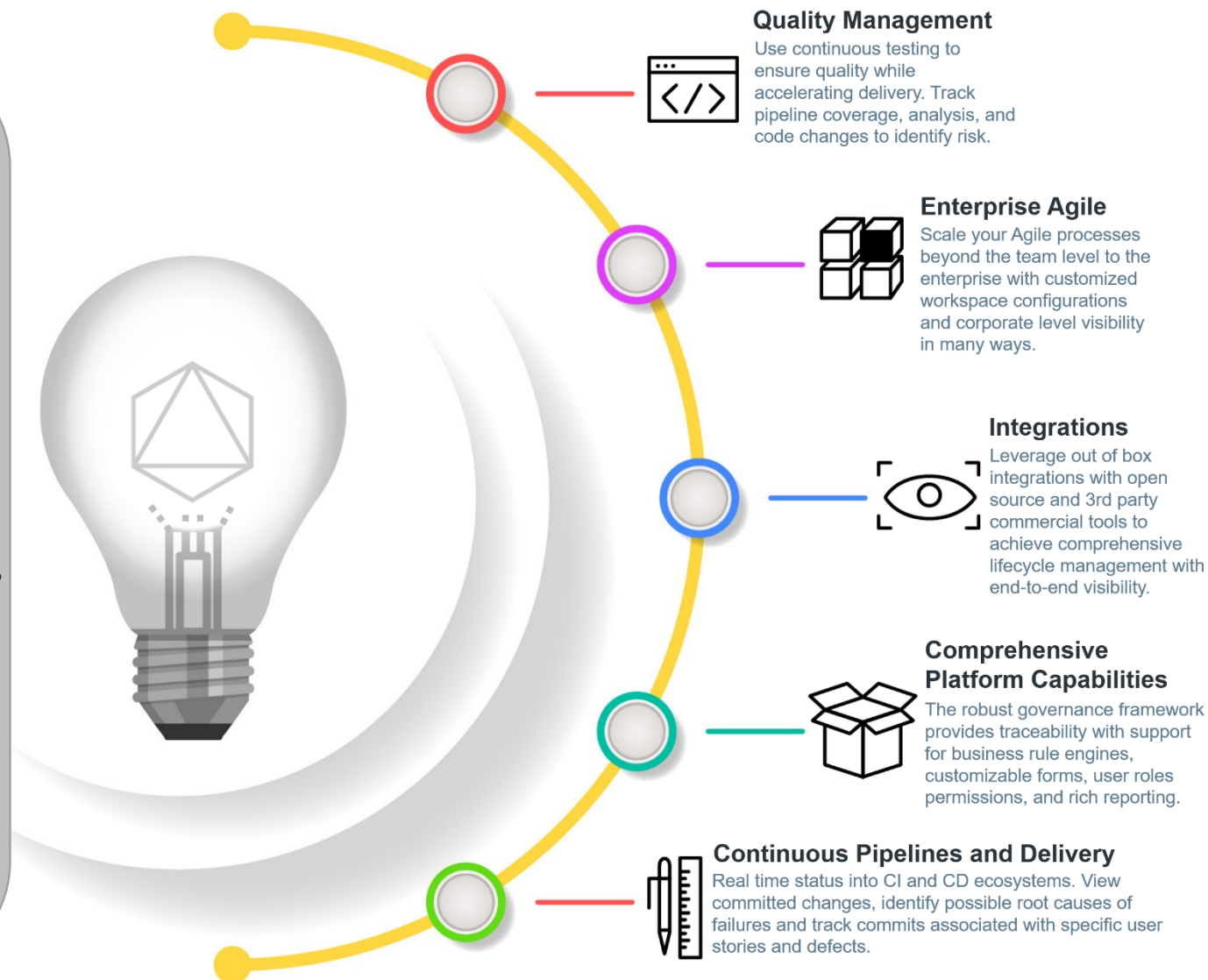


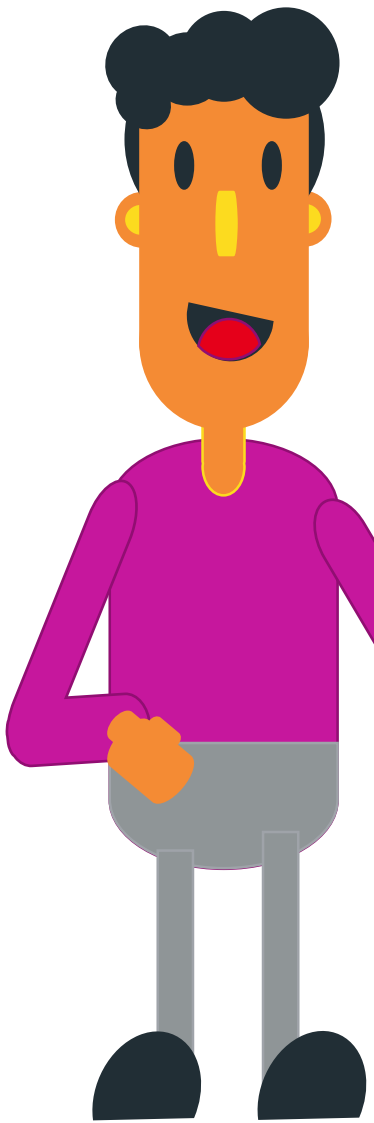
From Waterfall to DevOps and everything in between.

High-quality application delivery at enterprise scale. For **Agile, Hybrid or Traditional** teams a perfect fit: ALMOctane. With ALM Octane you can:

- Plan Agile projects with Scrum or Kanban
- **Deliver quality** through manual, gherkin, and automated tests
- Build and trace code changes in real time
- Continuous testing through CI server integration
- Complete traceability from requirements to release

Enterprise Agile Delivery

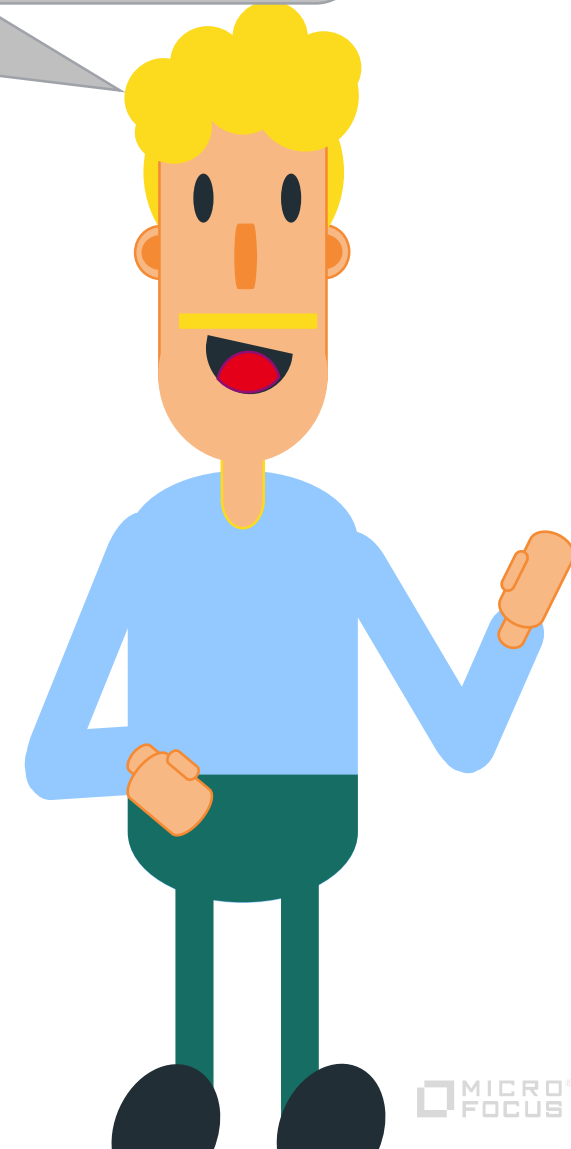
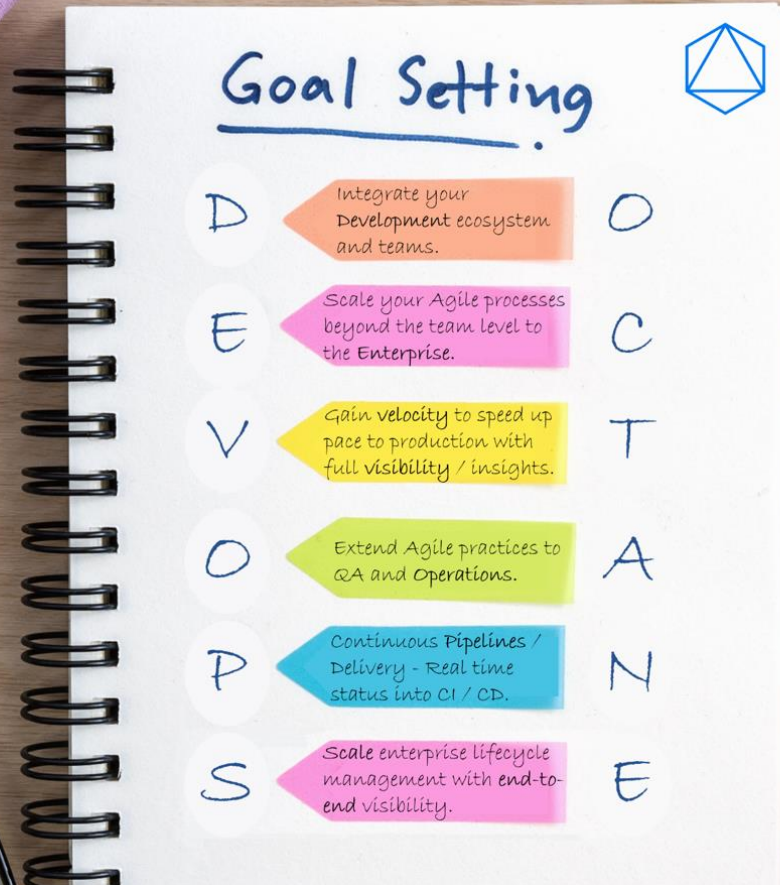




Wow – that's impressive, but
how does these features
relates to DevOps at all?



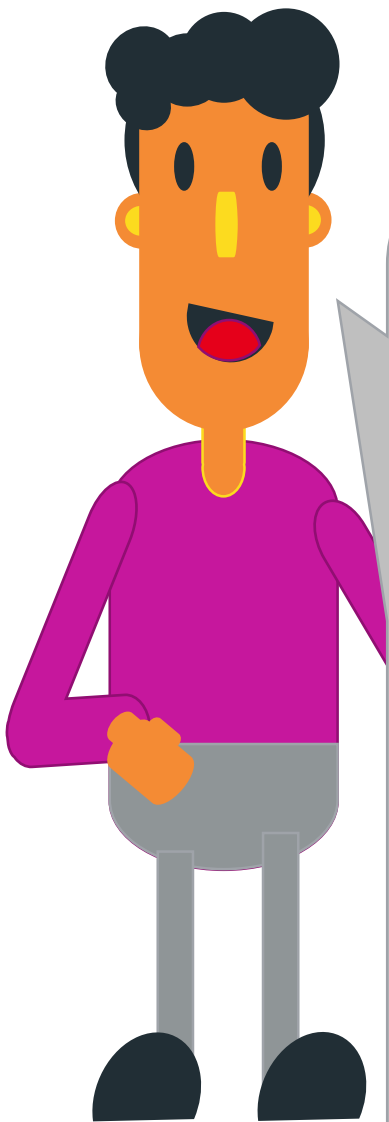
Goal Setting DevOps, ALM Octane is the answer. a. Integrate your Development ecosystem and teams. b. Scale your Agile processes beyond the team level to the Enterprise. c. Gain velocity to speed up pace to production with full visibility / insights. d. Extend Agile practices to QA and Operations. e. Continuous Pipelines / Delivery - Real time status into CI / CD. f. Scale enterprise lifecycle management with end-to-end visibility.





Now, explain me what it can do for the PMO group within your organization?





1. Start your Agile and DevOps transformation with ALM Octane to avoid disconnection between Agile teams or Agile vs. Waterfall silos from the very beginning.
2. Reduce TCO by consolidating separate tools into ALM Octane.
3. Take advantage of ALM Octane to modernize your test and quality management, achieve end-to-end automation, and extend Agile practices to QA and Operations
4. ALM Octane adapts to your needs as your organization grows in Agile/DevOps maturity and scale, and achieves higher return on investment.



Creating better release quality

Helps building vertical teams

Quality tracking across projects and streams.

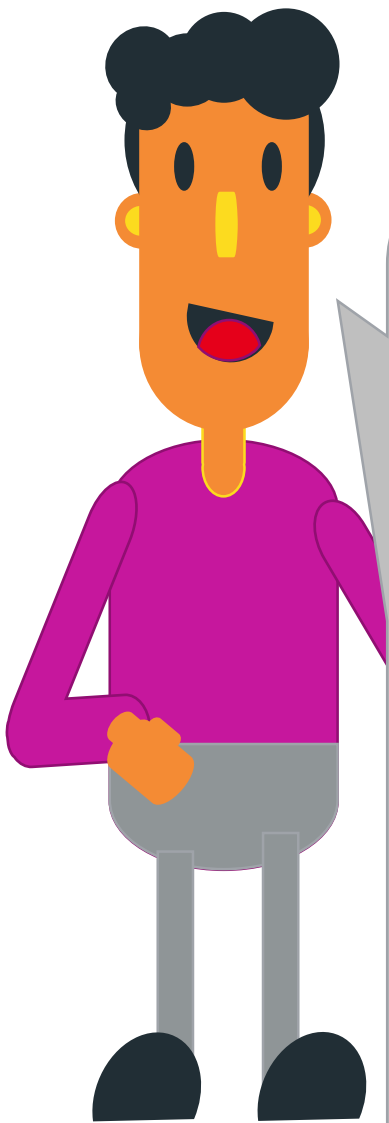


3 Challenges ALM Octane solves
for Program Managers



Awesome! What are the main capabilities of ALM Octane for an enterprise?





Key differentiators of ALM Octane:

- Supports Agile and Non-Agile Teams
- Easy to use, responsive design for any platform or browser
- Open architecture, Integrated and Extensible
- Easily share and re-use assets across teams - Quality traceability ensures teams address issues sooner, saving time and money
- Built with a DevOps design center
- Enabling lean, continuous process and pipeline management
- Connected into the team's existing build processes, triage issues faster.
- Mine data and analytics to speed decision making
- It is made by teams embracing & practicing DevOps, using different methodologies over many many years (waterfall, agile, scrum, kanban, hybrid, etc.), executing tranformation within our own development from waterfall to agile / devops.



PLAN BACKLOG



COLLABORATION



IDE INTEGRATION



RESPONSIVE WEBDESIGN



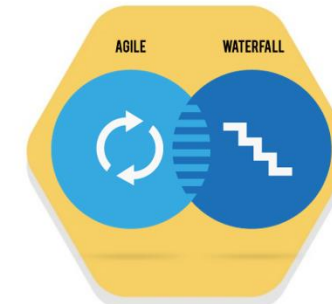
CI ANALYSIS & INSIGHTS



QUALITY MANAGEMENT



INTEGRATE TEAMS



ENTERPRISE READY



REPORTING

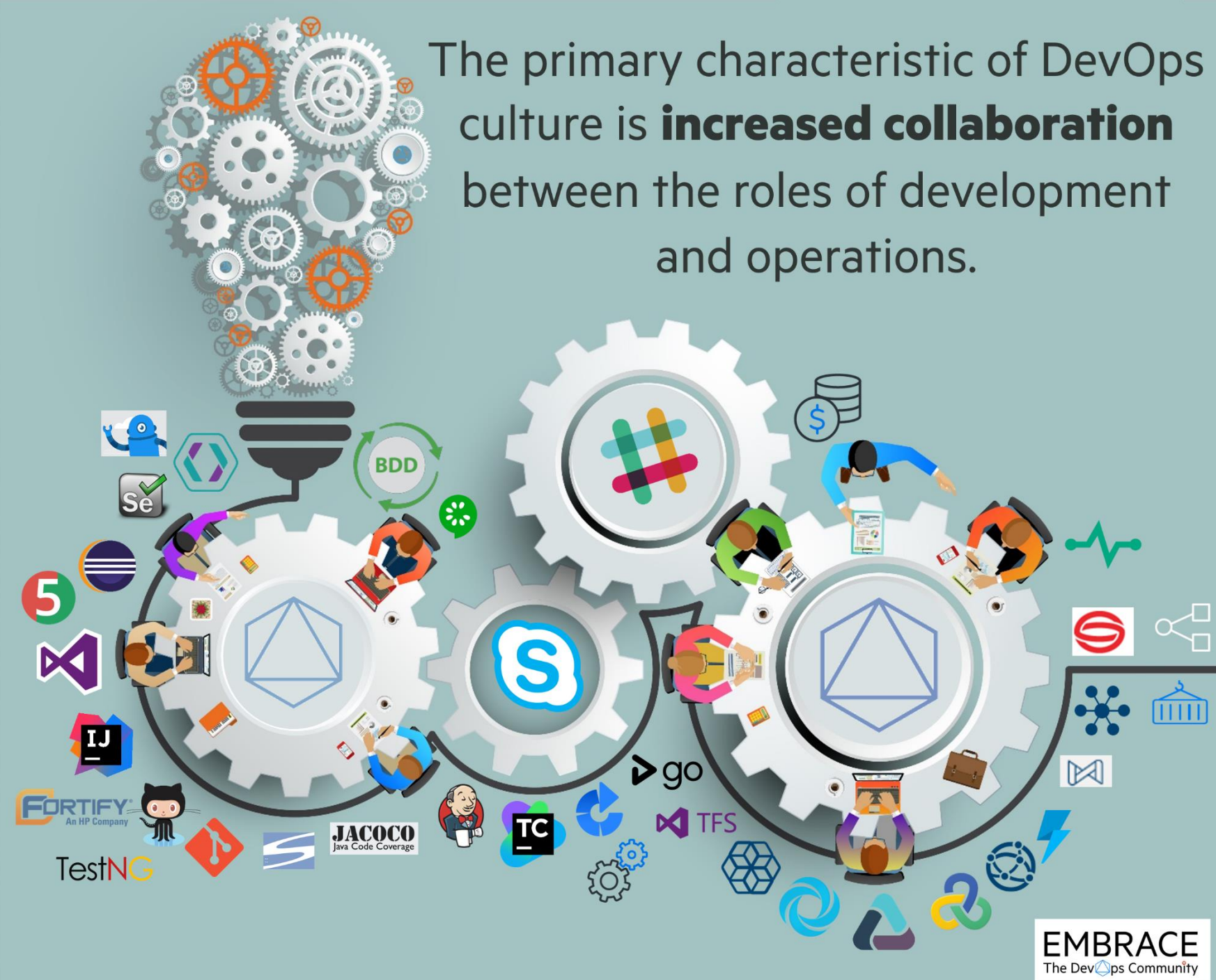


How do these features map to organization using different of solutions and tools?

Rocking features! ALM Octane is cultural adoption on technology layer for all DevOps initiatives.



The primary characteristic of DevOps culture is **increased collaboration** between the roles of development and operations.



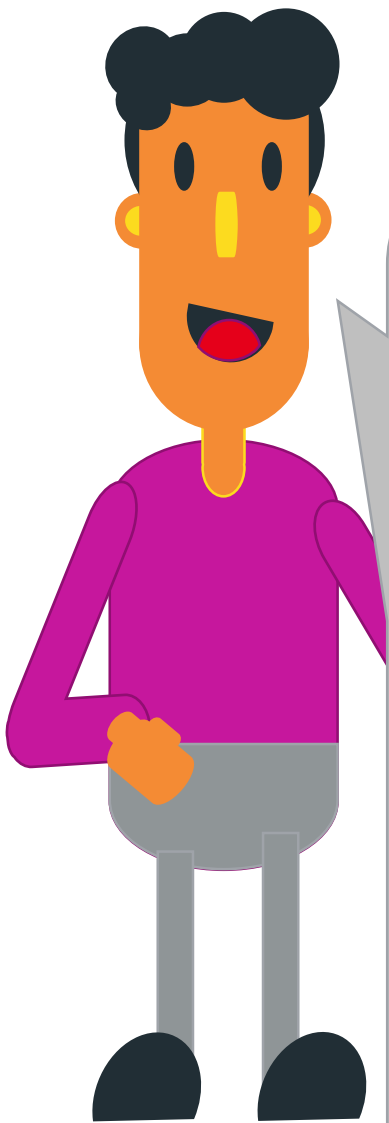
This illustration points it out, just take 5 minutes to look into it and you will understand the concept. We involve all required teams culturally technology-wise by breaking the barriers and adoption wise integrating their favorite tool chain into ALM Octane.



I love to work with open source and they are nicely integrated within ALM Octane. WOW.

So ALM Octane makes your organization ready for the DevOps race.





8 key aspects to improve your speed in the DevOps race.

#Shift #Left: Test early and often, ideally to find defects much closer to the developers.

#Test #Often: Run automated tests more frequently on different flavours of environments, devices and browsers.

#Scale: Utilize your functional test scripts to execute agile load tests and / or embrace cloud environments to generate load on apps within minutes.

#Integrate: provide integration points, real or virtualized.

#Virtualize: embrace service and network virtualization. **#End #to #End:** Test across technologies, i.e. SAP, Web, Mobile, Native, etc..

#Explore: Invite business / end users to explore the app and provide feedback.

#Feedback: Collect real end user feedback by continuous monitoring.

The DevOps Race

Improve your speed with
ALM Octane



SHIFT LEFT



TEST OFTEN



SCALE



INTEGRATE



VIRTUALIZE



END TO END



EXPLORE



FEEDBACK





When I implement all this, when do I know that I have adopted DevOps?

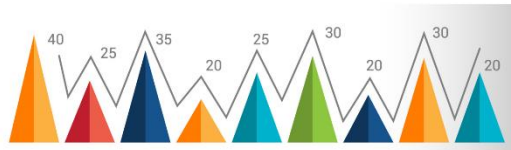
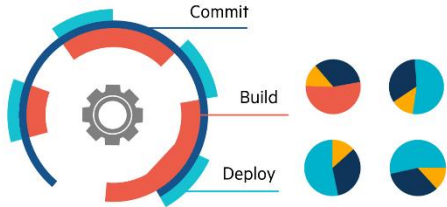
Ready, steady, GO! I am all set for my DevOps race.



When Dev, Test and Ops teams are working together as **ONE** team...



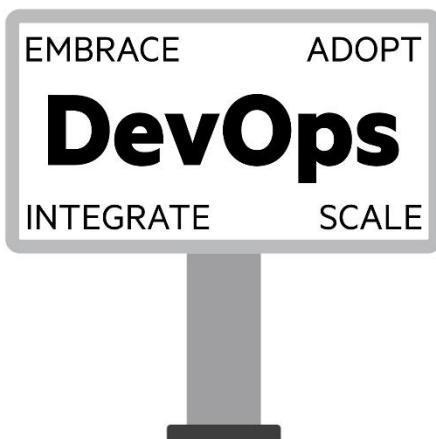
...and smoother code delivery process...



...and much shorter release cycles...



...and QA is tightened to a framework...



Overcome the following barriers to guarantee your DevOps success:

#CULTURE - Focus on collaboration with shared goals across teams.

#Continuous #Testing - Embrace island solutions within your toolchains (Selenium, UFT, Cucumber, Tosca, etc.) and focus on risk-based testing with high automation rates.

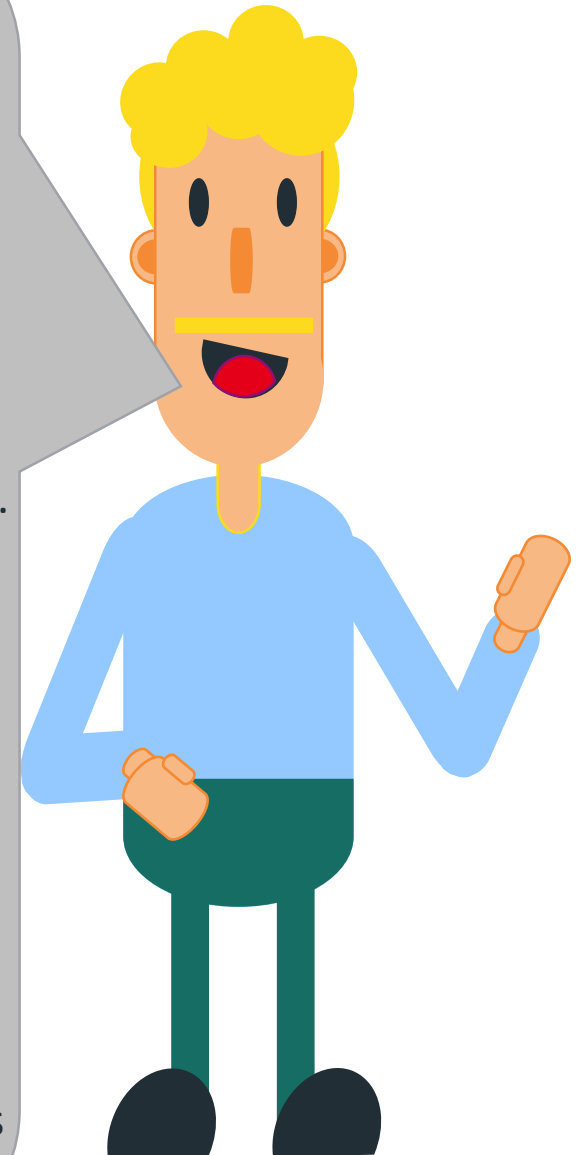
#PLAN - Have a clear plan including milestones, with owners and deliverables.

#ENVIRONMENTS - Automate and standardize complex environment with containers and cloud solutions for development and testing.

#SKILLSET - Enable your team and establish common understanding for the culture.

#Tools - Embrace, Adopt, Integrate and Scale your tool chain within a common platform which allows you to seamlessly follow the process.

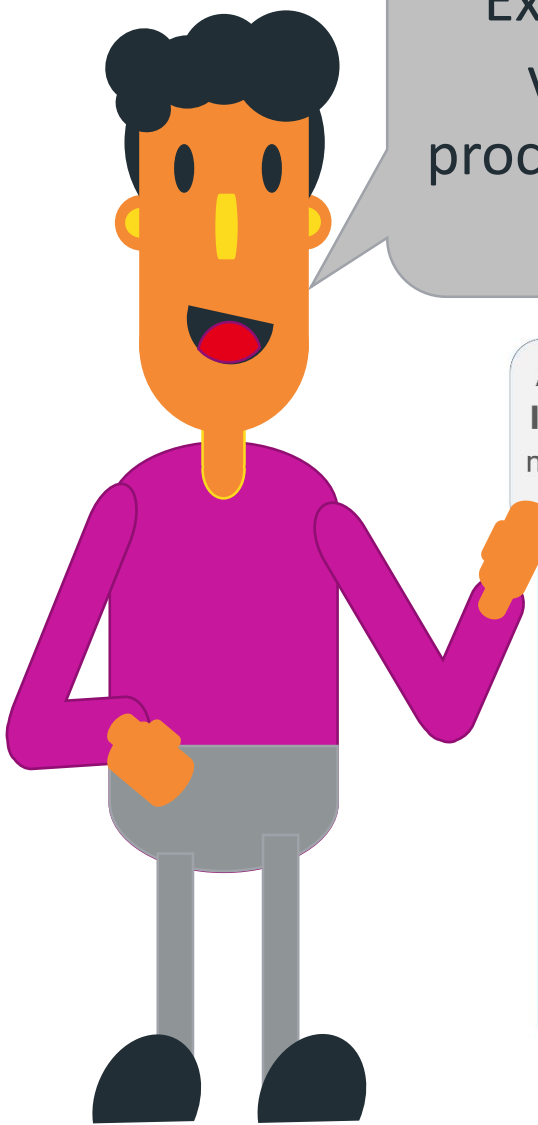
#Executive #Support - Educate executives to get resources and budget.





Using ALM Octane you can
release frequently with
confident your high quality
apps.





Exactly! DevOps is meant to solve the dilemma. It enables you to build a vehicle to automate and accelerate the development and operations processes. Starting with continuous integration, ALM Octane lets you extend the range of full automation to the entire application lifecycle.

ALM Octane - Delivery Pipeline Analytics and Insights

ALM Octane manages the large number of pipelines needed by **enterprise-level** development.



Yeah... and it **visualizes the topology** of each pipeline, as well as the **build status and trends**.

With ALM Octane we, CxO, VP of Apps, QA director, and all **stakeholders can feel confident releasing** our **app frequently**.

The **failure analysis** feature has the **intelligence** to categorize failure reasons, identify test failure patterns, and **find the developers** potentially **related to the failure**... *Just FANTASTIC!*





What about these security regulation since 2018 you have to take also care on the GDPR guidelines or not?

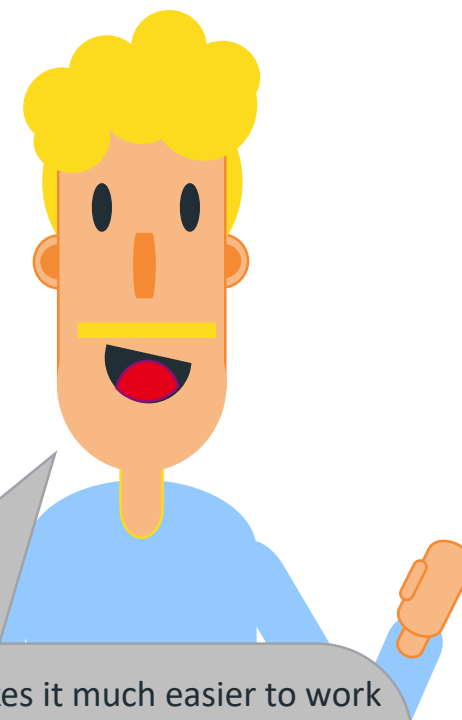




GDPR

EU GENERAL DATA PROTECTION REGULATION

ALM Octane makes it easy to collaborate with stakeholders, search & filter for specific terms, use dashboards & analytics to measure and manage progress. It automatically creates audit trails so you can validate and explain how you analyzed and implemented GDPR requirements in your organization. ALM Octane contains task, feature & project management capabilities and many more very useful functionalities out of the box.

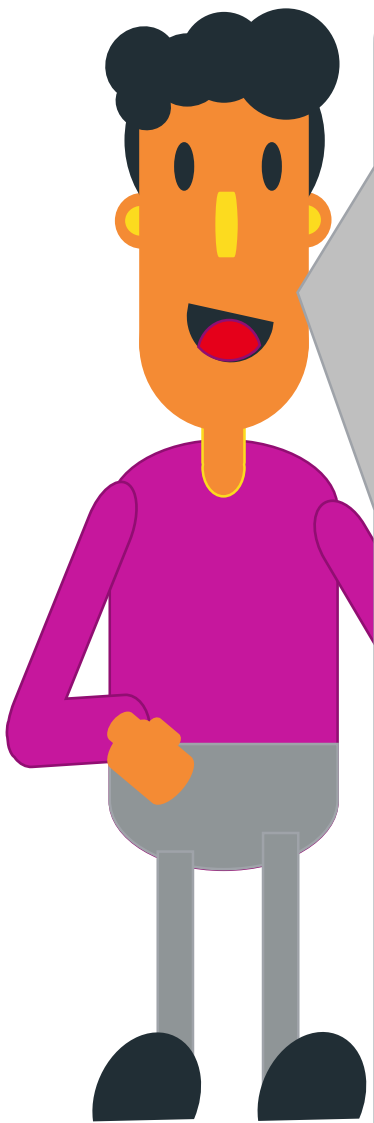


ALM Octane makes it much easier to work with the GDPR: You can easily collaborate with stakeholders, search & filter for specific terms, use dashboards & analytics to measure and manage progress. It automatically creates audit trails so you can validate and explain how you analyzed and implemented GDPR requirements in your organization. ALM Octane contains task, feature & project management capabilities and many more very useful functionalities out of the box.



From that point we are covered as well. Tell me more about the democratization of tool chain you were talking about lunch time. What was that?





During the DevOps process a lot of «tool islands» will be used. Each tool represent value to the teams using it. Dozens of «tool islands» exists in large organizations and for sure each of these tools provides representative value for each department. ALM Octane emphasize the value of each tool for the whole organization by representing a single source of record:

- where continuous collaboration between the teams happen
- where the aggregation of data is fully automated throughout the process
- where end-to-end traceability is provided to all involved artefacts and parties





Team, team, team – I have the impression, ALM Octane is build for teams. Buddy could you emphasize on that?

Each team can propagate the value for individual tools to the enterprise level and provide awareness on all activities which are going on. What has been tested and how, which code change was made, etc.

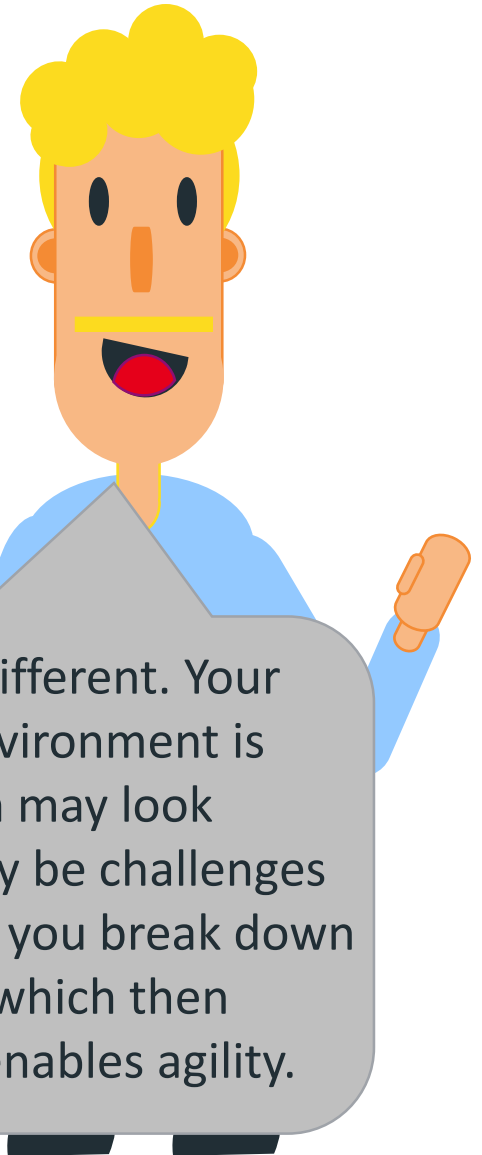


DevOps

is a team game...



*...and **ALM Octane**
is the platform.*



Every DevOps journey is different. Your software development environment is unique. So, while the path may look straightforward, there may be challenges ahead. With ALM Octane, you break down silos and banish barriers, which then improves teamwork and enables agility.



Cool, so this is reducing a lot of costs on the communication side as well as on the translation side of the technical verifications, have everything connected, right?



ALM Octane - Perfect Fit for Agile Teams

- Keep your Agile teams or Agile vs. Waterfall teams connected from the very beginning,
- Reduce TCO by consolidating separate tools,
- Modernize your test and quality management,
- Achieve end-to-end automation,
- Extend Agile practices to QA and Operations



Perfect for Agile Teams



PRODUCT OWNER

ALM Octane helps me organize all relevant backlog items (stories & defects), prioritize and sequence the Backlog according to business value.



DEVELOPER

I can easily organize my day to day work and utilize the code commit section to see the code changes my teammates have done. Everything is connected.



TESTER

ALM Octane supports all kind of testing activities, starting from manual testing, behaviour driven development, functional, load & stress and security test automation.



BUILD MANAGER

ALM Octane's pipeline module provides me a complete insights on failure analysis, code commits, delivered backlog items & overall test execution.



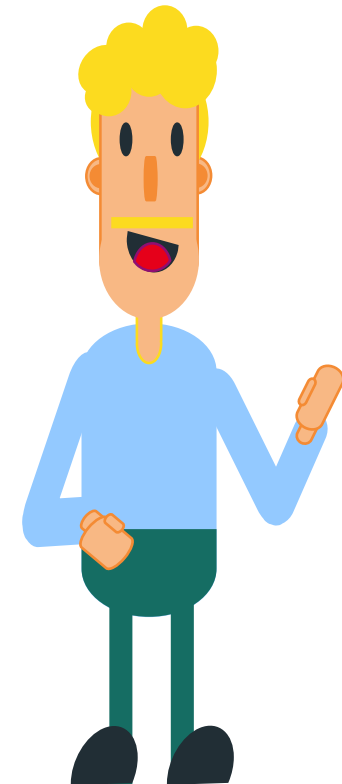
QA MANAGER

ALM Octane's Reporting capabilities provide enterprise visibility with end to end KPI tracking & data visualizations of test coverage metrics, risk & build failures.



IT OPERATIONS

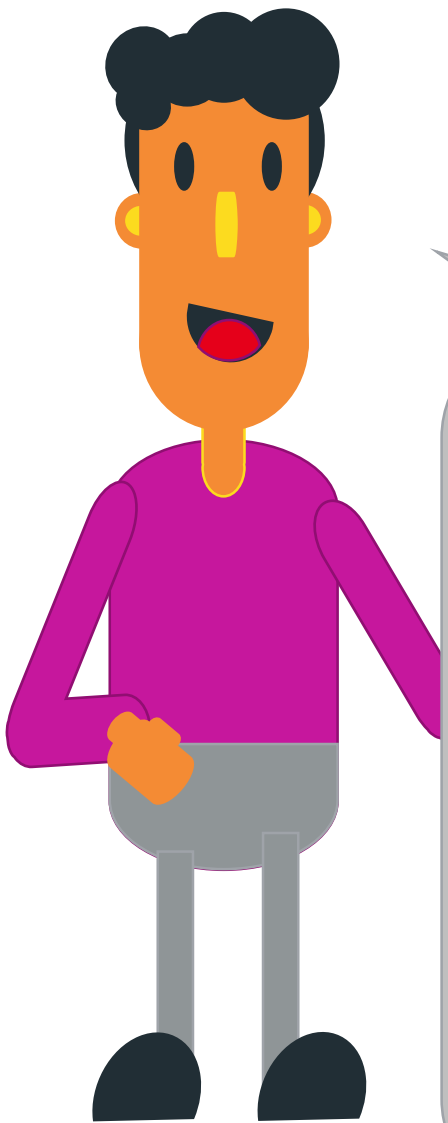
Completely integrated in production monitoring tools such as AppPulse. For me it is very easy to report production defects directly into ALM Octane.





And with Embrace, Adopt, Integrate and Scale ALM Octane will emphasize your whole organization and tools to enterprise agile.





ALM Octane integrates by nature your DevOps toolchain and enables your organization to seamlessly follow the process.

ALM Octane

EMBRACE

ADOPT

SCALE

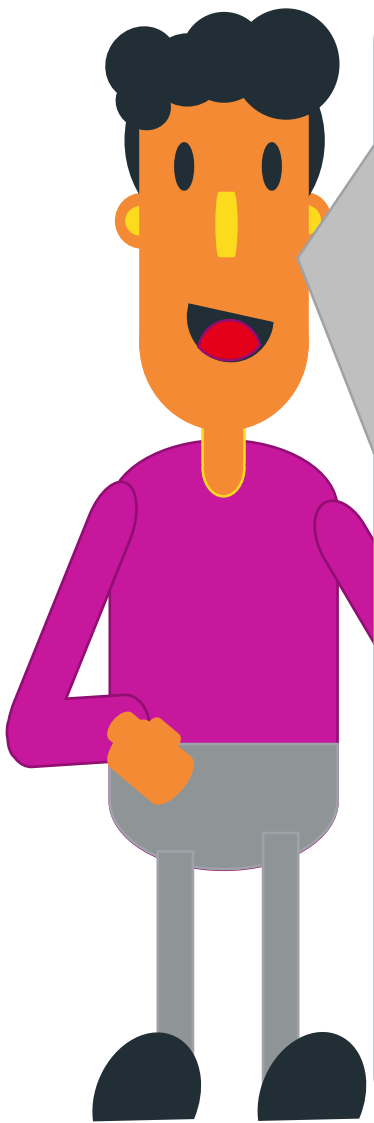
INTEGRATE





I have seen a Gherkin test in ALM Octane, what is it for? Does it refer to Behavior Driven Development?





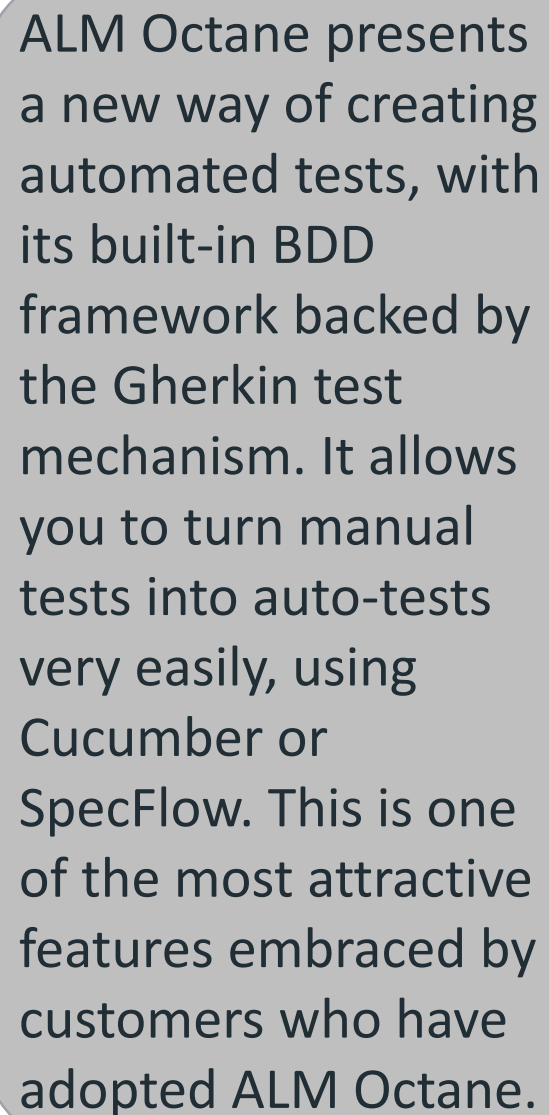
Are you struggling to scale BDD to your enterprise? Are your solution delivery teams working with multiple systems, applications and components sharing backlog items without collaboration?

Then #ALM #Octane is the solution of your choice.



CHALLENGES **ALM OCTANE** SOLVE

ENTERPRISE BDD





The 3 Amigos of Behaviour Driven Development



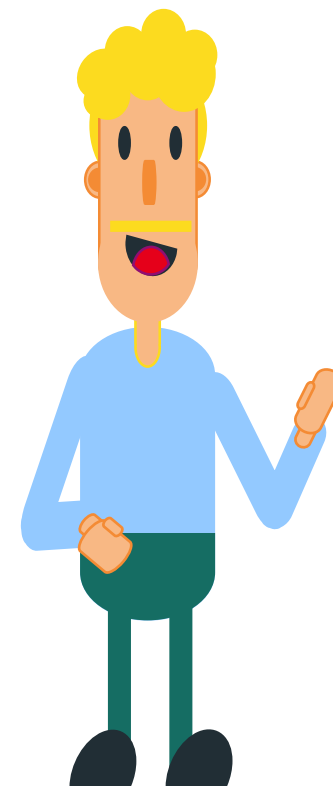
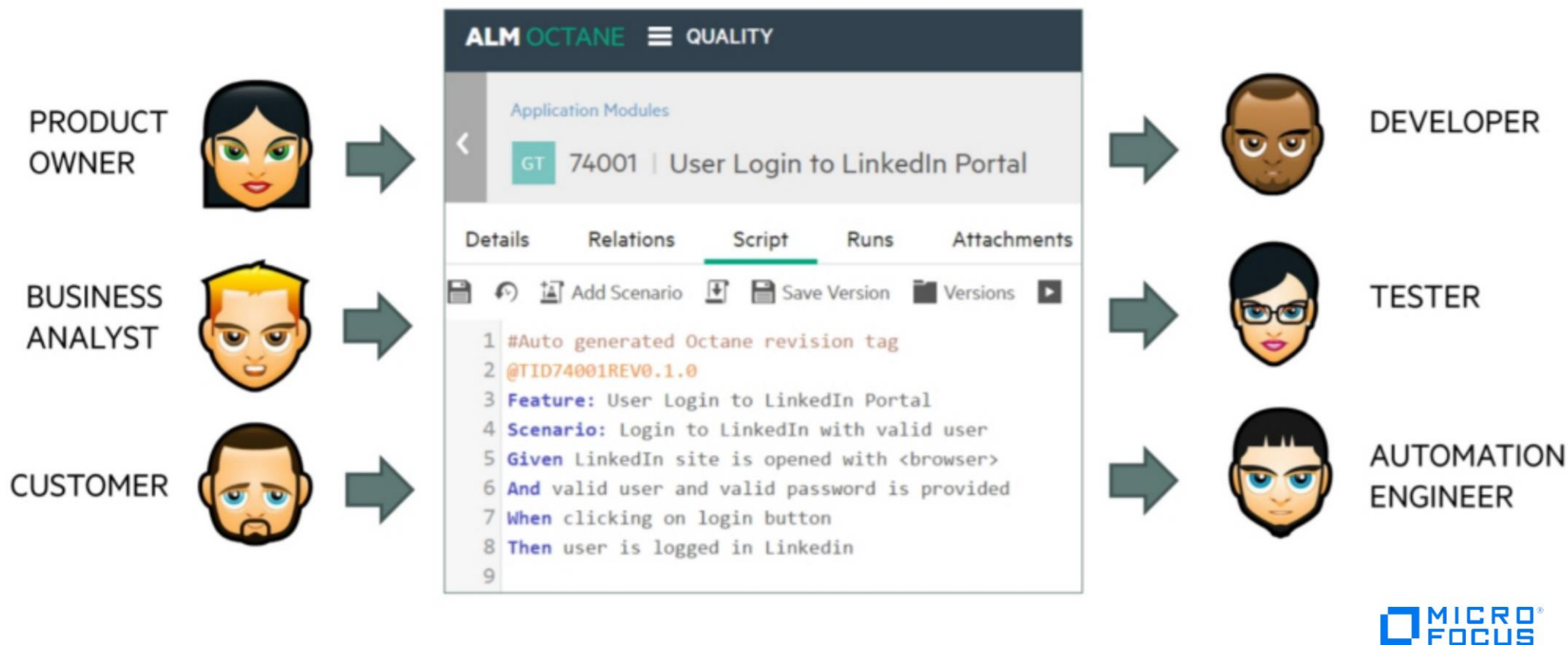


The 3 amigos were not always best friends... hehe...

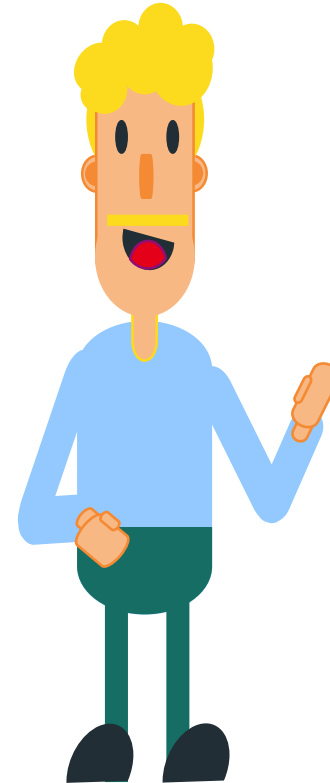
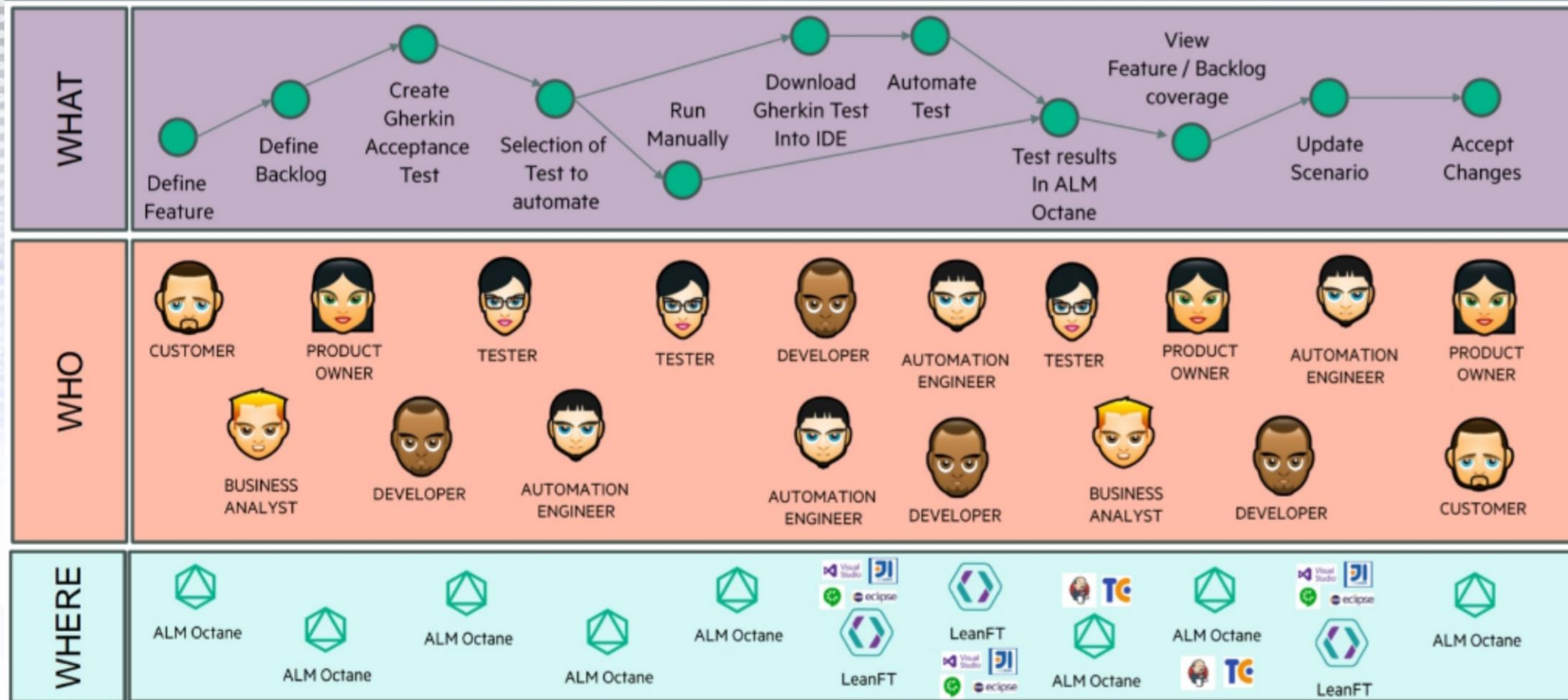
With ALM Octane, a perfect platform is provided to technically implement BDD and break all barriers between the amigos.

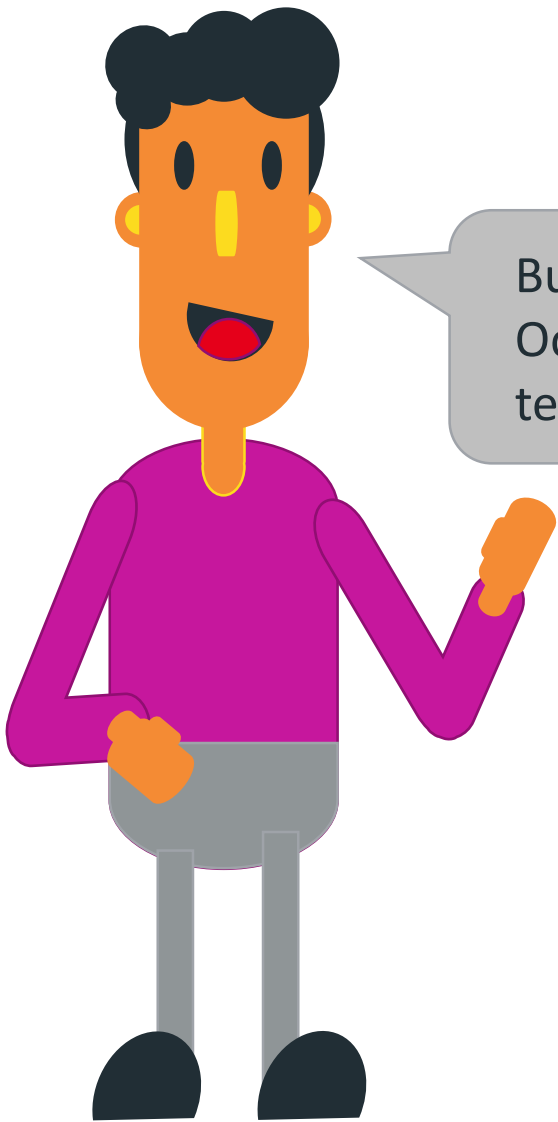


GHERKIN EDITOR PART OF ALM OCTANE



Behaviour Driven Development within ALM Octane





But these are not the only amigos, ALM Octane breaks all barriers between the teams during the complete lifecycle.

Let us discuss now the main roles which use ALM Octane and how they benefit. Lets start with the roles.





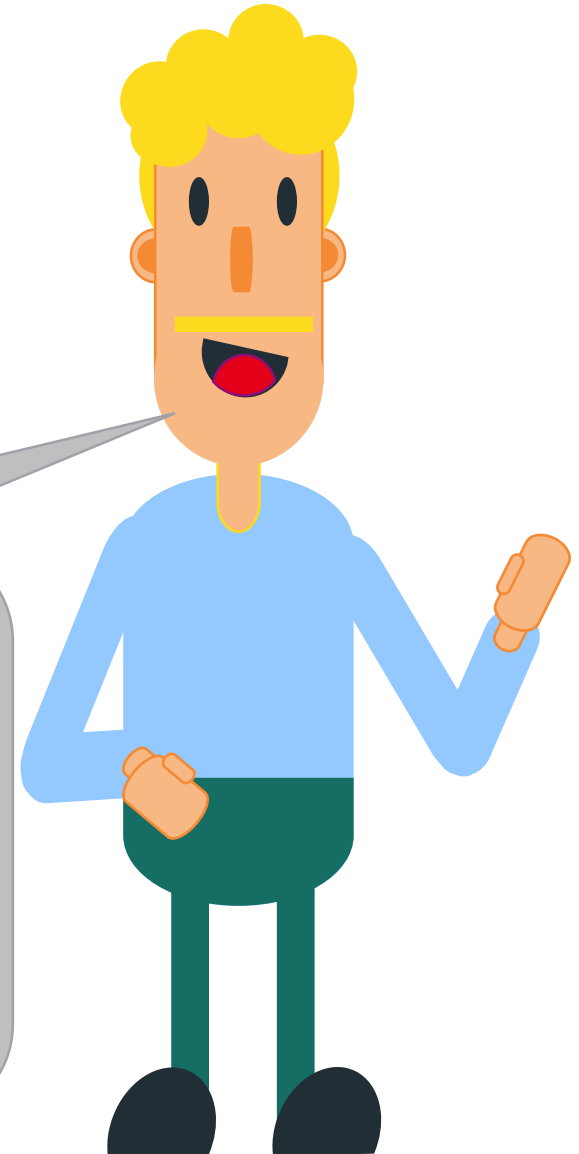
Within ALM Octane, product owners can maintain the product backlogs before and throughout the complete development lifecycle. The Backlog is fluid and adjusts to changing priorities.



A DAY IN LIFE OF A PRODUCT OWNER



Extend ALM Octane's capabilities by connecting to other systems you use in your release lifecycle. ALM Octane connects the dots from the various tools, providing comprehensive end-to-end control of the lifecycle.



A DAY IN A DEVELOPER LIFE





ALM Octane allows agile tester to seamlessly integrate agile methodologies & tools into the platform.



My Daily Work & Tasks



Reporting



Collaboration



On Demand Testing

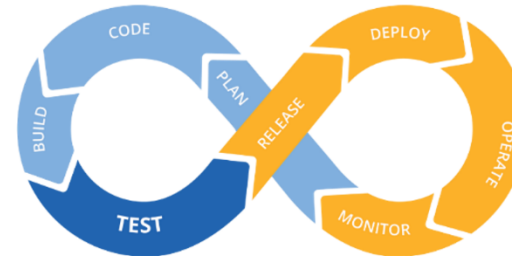
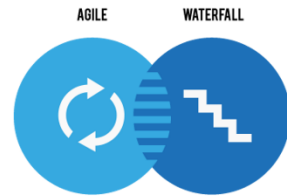


Open Source Integration



ALM Octane allows me to track my daily work easily in the My Work module. It helps me understand which backlog items are not covered for testing. Most impressive feature for me is the mentioning in comments, whenever a team member mentions myself in any backlog item or test, i get notified and am fully in control and awareness on all testing activities.

EMBRACE
The DevOps Community



Exploratory Testing



Agile Testing



Continuous Testing



A DAY IN LIFE OF AN AGILE TESTER



A DAY IN A LIFE OF A

EMBRACE
The DevOps Community

Scrum Master



I serve the product owner to arrange the Product Backlog to maximize value. ALM Octane provides me with just the right backlog management capabilities.



I server the development team to create high-value products. With first class reporting and insights I can identify and remove impediments early.



For our timeboxed Scrum events ALM Octane provides just the right views and info we need so I can easily facilitate these events if needed by the team



I can serve to the entire Organization and help them with the adaption of Scrum. ALM Octane leads organizations into Scrum and agile practices.

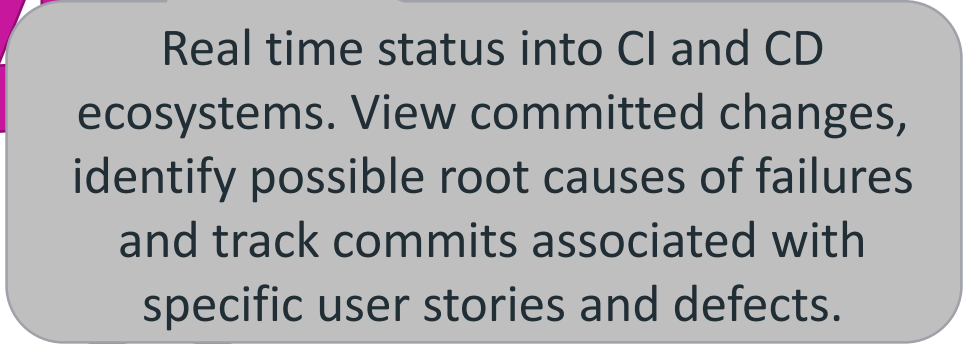


I am so happy when organizations use ALM Octane, because it makes my coaching much easier when the organization is using a true agile

tool

ALM Octane is a perfect fit for Scrum Masters





Product Manager

QA Manager

EMBRACE
The DevOps Community

Release Manager

Tester

YOUR Role

DevOps Engineer

Security Officer

Automation Engineer

Developer

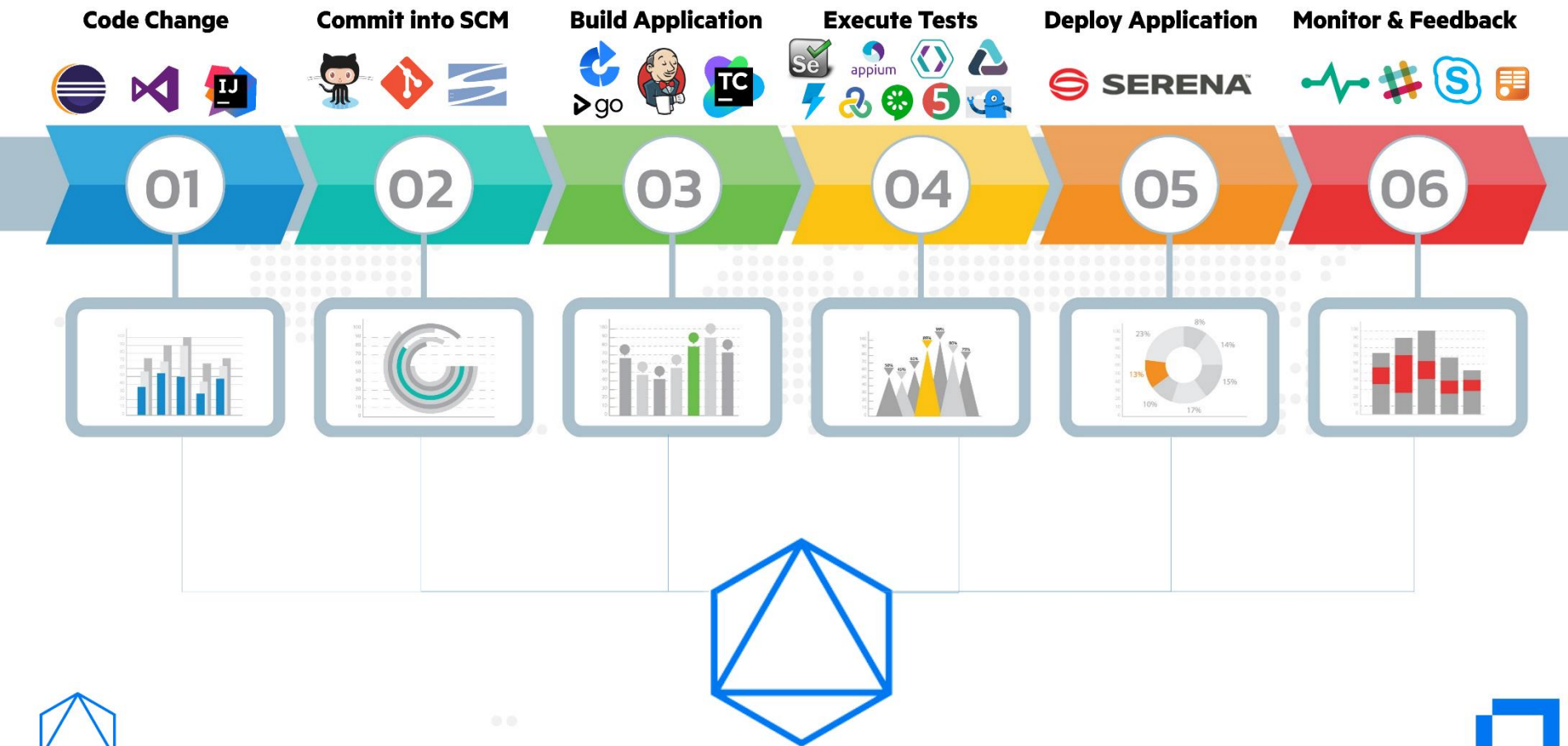
Scale your Agile processes beyond the team level to the enterprise with customized workspace configurations and corporate level visibility in many ways. Whatever your role is within the lifecycle, ALM Octane will connect you to the right people.



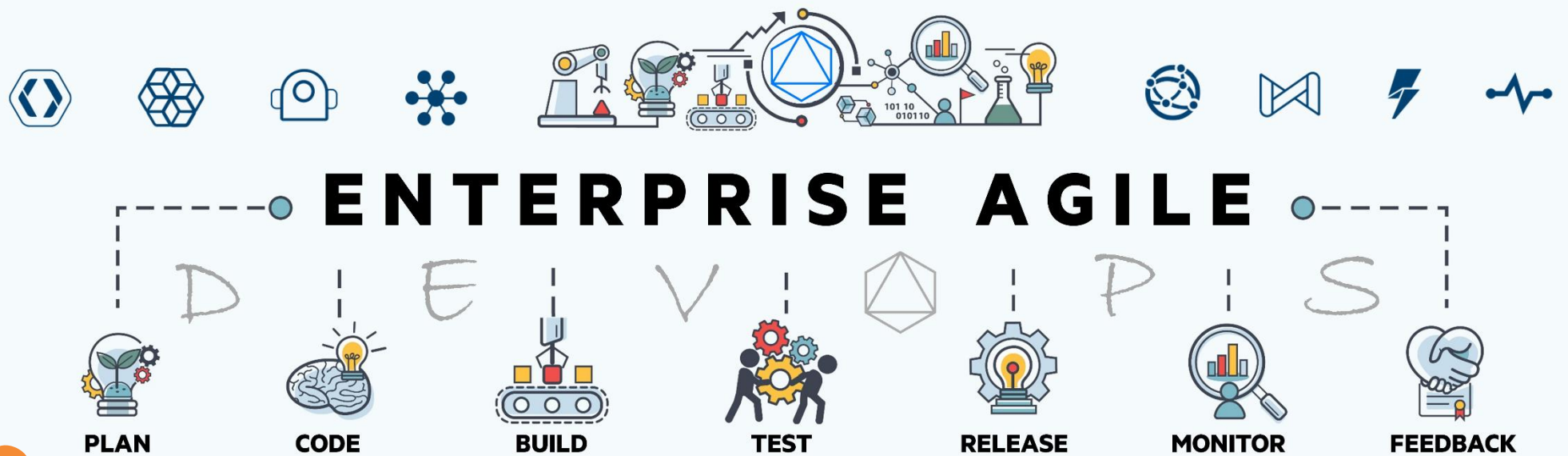
With these team features and collaboration,
the delivery pipeline integration must be easy,
right?



Full Delivery Pipeline Support

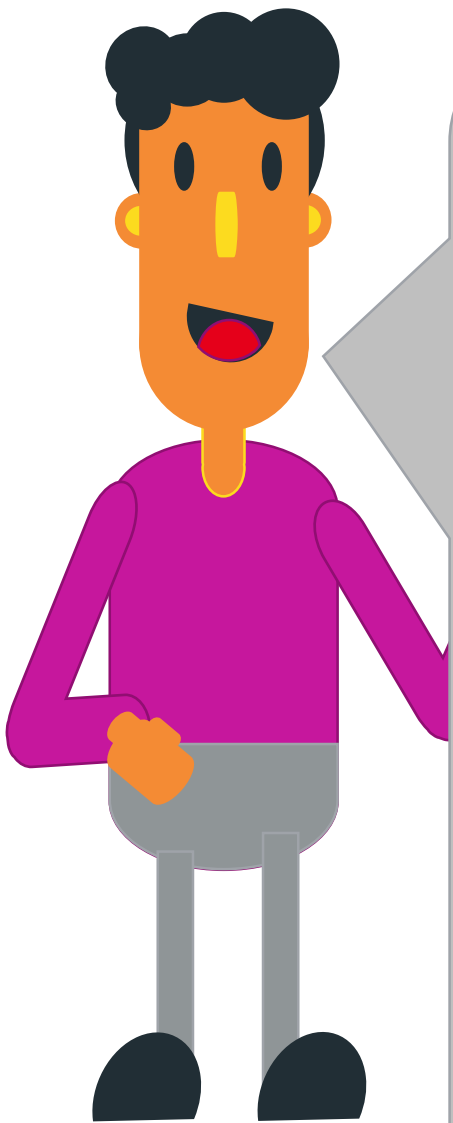


Right, beside the teams, also the tool chains are seamlessly integrated?

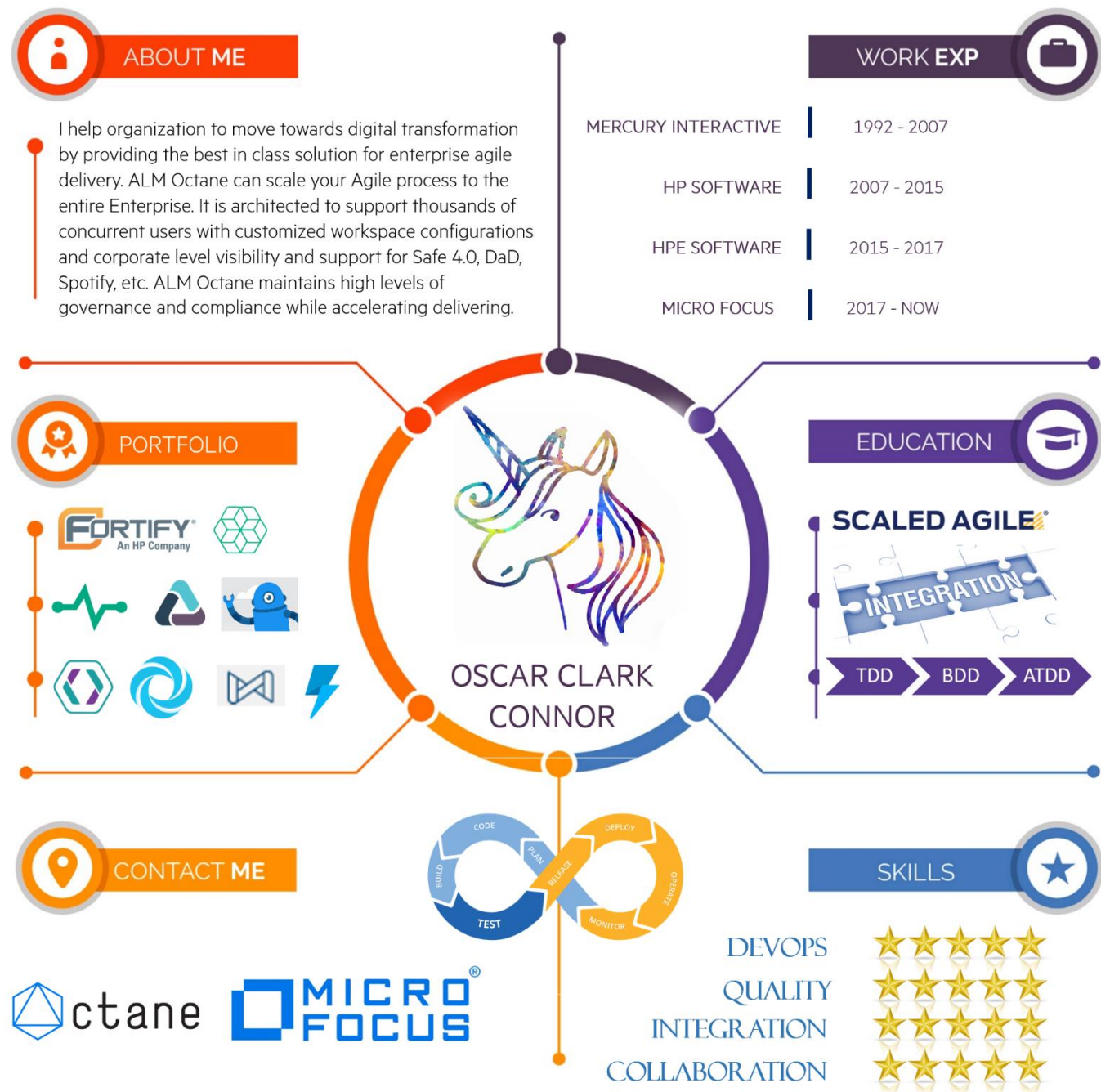


Working at enterprise scale to meet the application delivery needs of tens/hundreds of distributed teams in a business, ALM Octane manages quality & test management across complex application portfolios.

An integrated toolchain with visibility & traceability in end to end lifecycle management reporting, ALM Octane facilitates business processes and rules for governance and compliance.



Finally, let me introduce you to Oscar Clark Connor. This unicorn is born to support your DevOps transformation. Find a short CV as follow. It is the spirit of Mercury Interactive, which was transferred throughout the different acquisitions to HP Software, HPE Software and now MicroFocus!





Amir

That's about it. Hope you enjoyed the introduction.

Feel free to get in touch anytime you want. We are here to help.



Joel