

How Riskfuel is Spending 55% Less Time Onboarding New Employees With Swimm



Overview

Riskfuel is a rapidly growing startup that creates neural networks to accelerate quantitative models in the financial industry.



Challenge

Getting Riskfuel's team onboarded and fully up and running to work productively in their ecosystem.



The Solution

Swimm has made it easy for Riskfuel's team to both organize and speed up onboarding while also ensuring that all documentation around the ecosystem always stays updated.

“Swimm streamlines code documentation, linking the code and making it very convenient. It makes it a lot easier, rather than just copy-pasting code into documentation and then constantly needing to update it every time you revisit the documentation. This has been critical for ensuring internal docs around the ecosystem stay updated. As a 20-person company, no one wants to play the role of code archivist. Swimm automates that task to keep things running smoothly.”

About Riskfuel

Based in Toronto, Canada, Riskfuel was founded in 2019 to solve the unique challenges faced by finance teams today. Using Riskfuel's proprietary software, banks and insurance companies can accelerate their existing quantitative models, enabling real-time risk management for complex derivatives at a fraction of their current costs.

Riskfuel's cutting-edge solution requires a team with diverse backgrounds, all working together to help businesses manage risks. The team includes high-level experts in DevOps, software engineering, statistics, quant finance, and machine learning. Each new employee undergoes a rigorous onboarding process known as the Riskfuel Obstacle Course.

Riskfuel is rapidly growing, hoping to expand its technology even further to serve financial providers. To meet that demand, the team will continue to grow, with Riskfuel continuing to look for the best and brightest talent in the industry.

The Need: Improve Team Communication

For Riskfuel's team, the lack of real-time updates meant they could never trust that they were getting the most up-to-date code documentation. With so many teams bringing different expertise to the same projects, RiskFuel struggled to keep everyone up to speed. Documentation was stored in a GitHub repository, where team members added and updated information at their own discretion. There was no standardization, and it was not realistic to trust the documents stored in that repository.

Team members also couldn't see which part of the documentation went with which part of the code, especially when some code was deleted. Team members would look at a document and immediately assume something had changed since it was last created. This led to wasted time and possible errors as developers tried to sort it all out.

Soon, another issue started to emerge. Riskfuel found that developers were hesitant to update documents since the information often would become outdated as soon as it was uploaded. Overall, this led to an inconsistency making documentation far less useful than Riskfuel needed it to be.

The Solution: Streamlining Saves the Day



- Jordan, Senior Software Engineer, Riskfuel

In 2021, Riskfuel partnered with Swimm to create a centralized repository for all its documentation and has seen the benefits, thanks to the built-in conveniences of the Swimm solution. Swimm has empowered the team to establish a culture of documentation that wastes less time and syncs docs with our codebase.

“With Swimm, we have an organized way to document all the standard kinds of processes and can put them into place. Swimm Playlists are really key to this strategy. We have a set of Core Playlists everyone goes through in their first week, and then more focused Playlists targeting specific disciplines. This ensures a thorough experience for everyone on top of a core shared understanding of our documentation.”



Faster Onboarding

Using Swimm Playlists, it is taking Riskfuel 55% less time to onboard each new employee.

Before Swimm, the onboarding process took Riskfuel approximately 55 hours per employee.

With Swimm, it is taking them 25 hours per new employee; for every five employees Riskfuel onboards, they are saving 150 hours.



Easier Processes

Swimm gives Riskfuel teams the ability to link code to their documentation so that it's updated in real-time. So that when someone creates documentation, there's no need to worry that it will be outdated as soon as a change is made to the code.

Code-coupled documentation has improved developer productivity, bringing Riskfuel developers and engineering teams up to speed on their codebase.



Searchable Repositories

Tracking down the documents they needed was an exhausting process before implementing Swimm.

But now, thanks to searchable repositories, the team can find exactly the document they need merely by inputting a few keywords. They can do this directly within GitHub, allowing them to access documents that don't yet reside on the Swimm platform.

About Swimm

Swimm helps developer and engineer teams create documentation that is coupled to the code itself, auto-synced, and therefore always up to date. Swimm's platform, radically simplifying how knowledge flows within teams, makes Continuous Documentation an integral part of the development lifecycle, improving developer productivity and facilitating faster and more efficient onboarding of new developers.