CircleCI launches new Visual Configuration Editor

New open source tool provides developers at every stage a place to visually orchestrate pipeline development

SAN FRANCISCO, August 18, 2022 — [CircleCI](#), the leading continuous integration and continuous delivery (CI/CD) platform, today announced the general availability of the [CircleCI Visual Configuration Editor](#), an all-in-one open source project for configuration editing, including creating component definitions and usages.

CircleCI's open source Visual Configuration Editor is a drag-and-drop node based graphical editor giving teams the ability to create configuration from scratch, easily upload and edit existing config.yaml files, and visualize and streamline large, complex workflows.

Developers and teams face a lot of challenges and wasted time when trying to create a mental model of their entire workflows without visualization aids. CircleCI's Visual Configuration Editor serves to alleviate those challenges by providing a visual orchestration of their pipeline development all in one place.

"As software development becomes more complex, our goal is to provide best-in-class CI/CD services to developers where they are, regardless of the tools and languages they use. CircleCI's latest open source Visual Configuration Editor provides customers at any level an alternative for visualizing and developing CI pipelines," said Jean-Philippe Leblanc, Senior Vice President, Engineering at CircleCI.

Early developers will find the Visual Configuration Editor useful for:
- Configuration is automatically generated as you go.
- Access all CircleCI orbs with a single click, to quickly integrate with popular services.
- Input is validated in real time.
- Visually manage tag and branch filters.
- A streamlined configuration building experience, so you can orchestrate your pipelines with confidence.

More experienced customers will find the Visual Configuration Editor useful for:
- Making quick changes without having to trace through the YAML.
- Previewing workflow orchestration.
- A visual explainer for educating peers on your project's CI pipelines.
- Ease of access to advanced functionality of orbs.

Additional benefits include extensibility through CircleCI orbs and webhooks. CircleCI orbs, or sharable packages of configuration, can make it easier to implement different solutions, like splitting a config file. Setup workflows can also be used to set pipeline parameters for both API and webhook triggers.

Under the hood, CircleCI's Visual Configuration Editor was created by the CircleCI Config SDK, which is a javascript / typescript library for CircleCI CI/CD processes. The library serves as an high-level programming abstraction layer for YAML based configuration and has many core elements/features implemented into classes and methods. To learn more about the Config SDK visit the open source project on Github, here.

About CircleCI
CircleCI is the leading continuous integration and delivery platform for software innovation at scale. With intelligent automation and delivery tools, CircleCI is used by the world's best engineering teams to radically reduce the time from idea to execution. The company has been recognized as an innovative leader in cloud-native continuous integration by independent research firms and industry awards like the DEVIES, Forbes' Best Startup Employers of the Year, and Deloitte's Technology Fast 500™.

Founded in 2011 and headquartered in downtown San Francisco with a global, remote workforce, CircleCI is venture-backed by Base10, Greenspring Associates, Eleven Prime, IVP, Sapphire Ventures, Top Tier Capital Partners, Baseline Ventures, Threshold Ventures, Scale

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