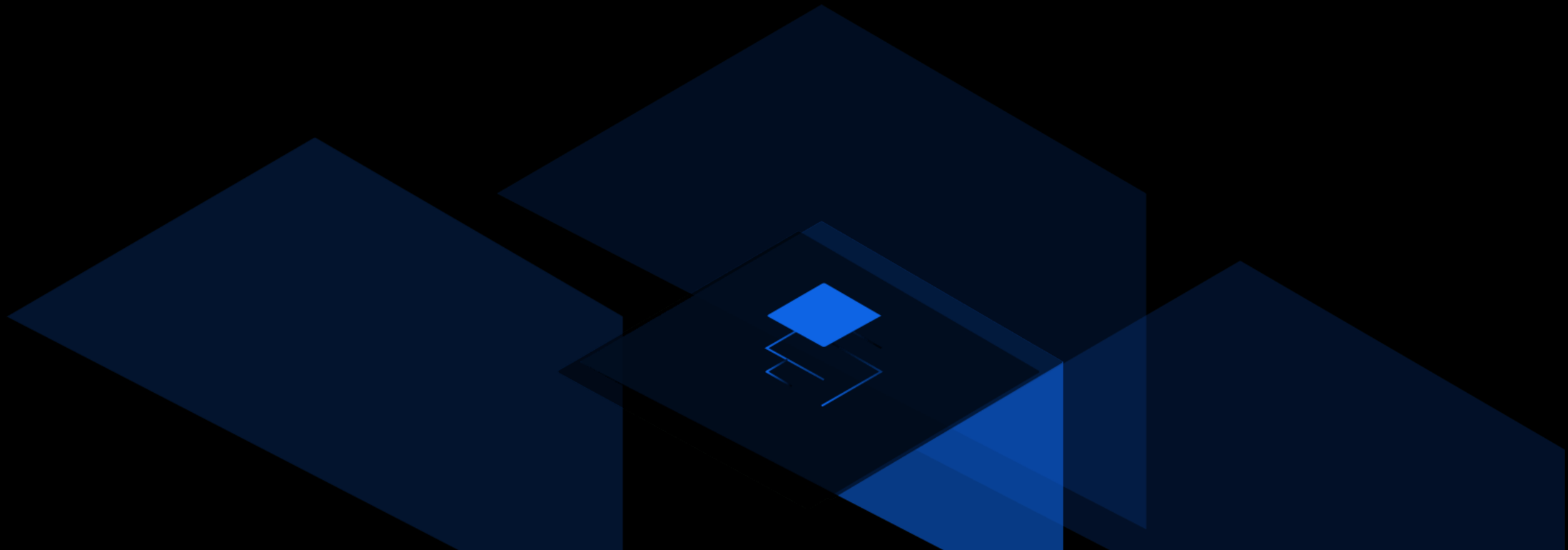
Mitchell Hashimoto

Co-Founder, Co-CTO of HashiCorp
Creator of Vagrant, Packer, Terraform, Vault, and more



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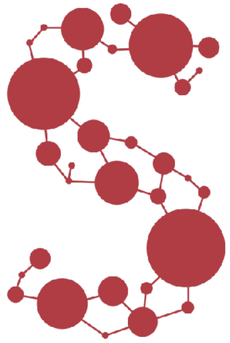
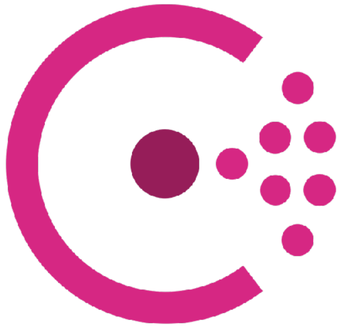
HashiCorp

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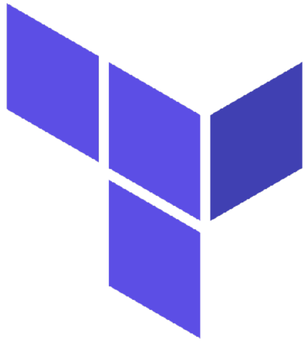
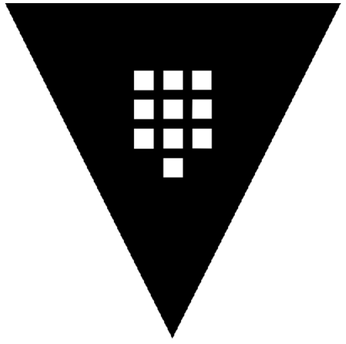
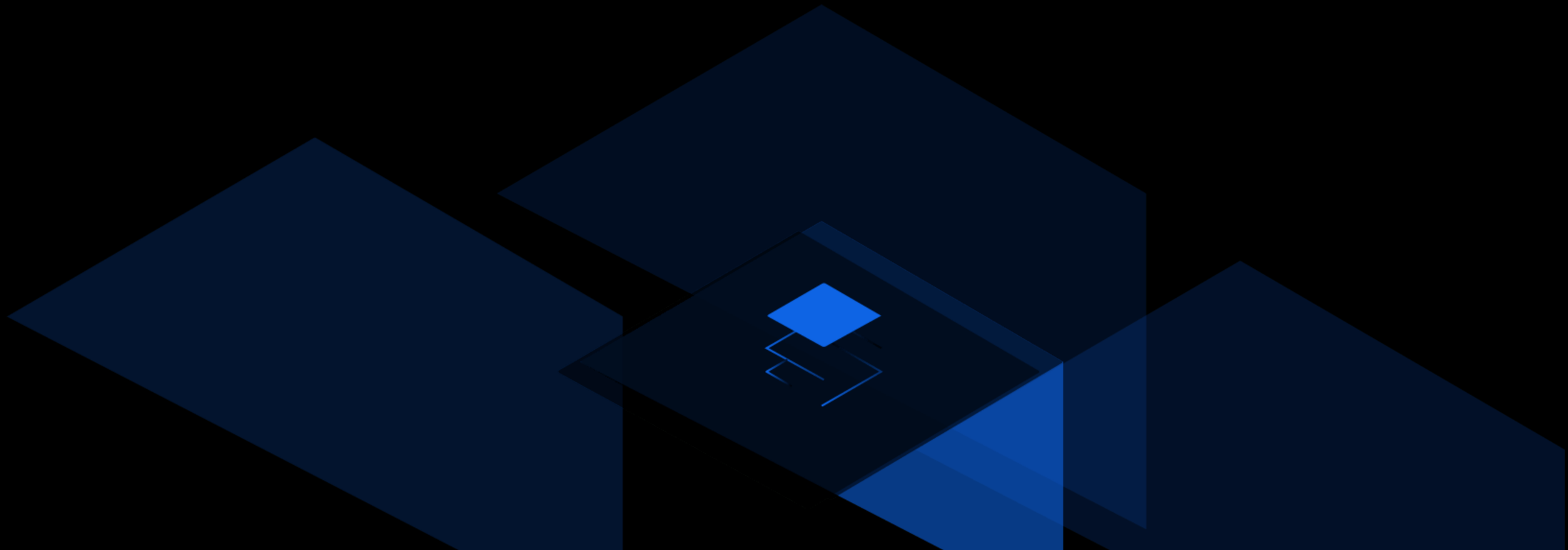



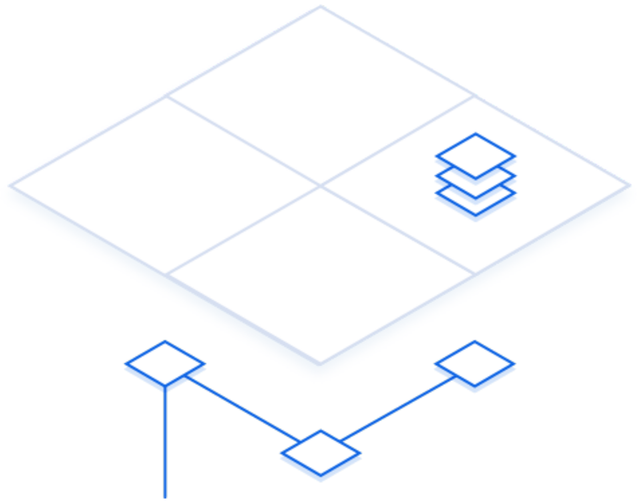
The Tao Of HashiCorp

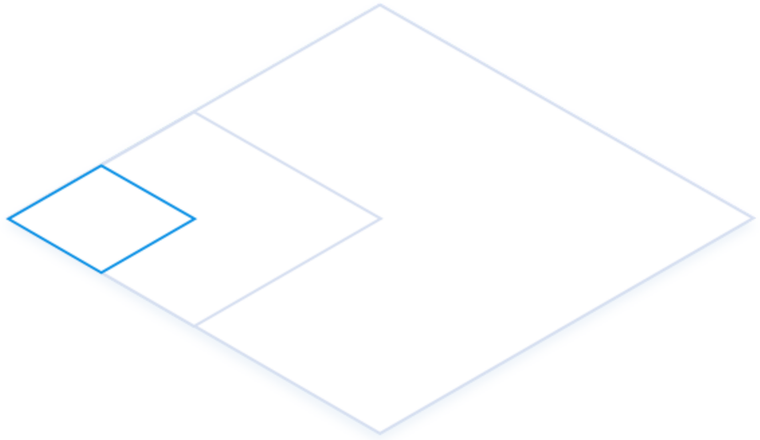
The foundation that guides our
vision, roadmap, and product design.



Workflows, not Technologies

Technologies change, end goals remain the same. Product design *starts* with an envisioned workflow to achieve a well defined goal.



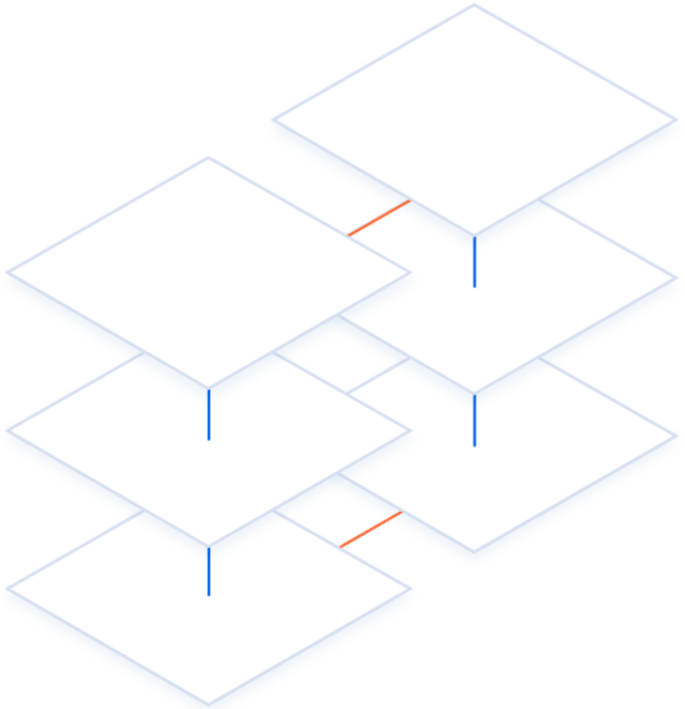


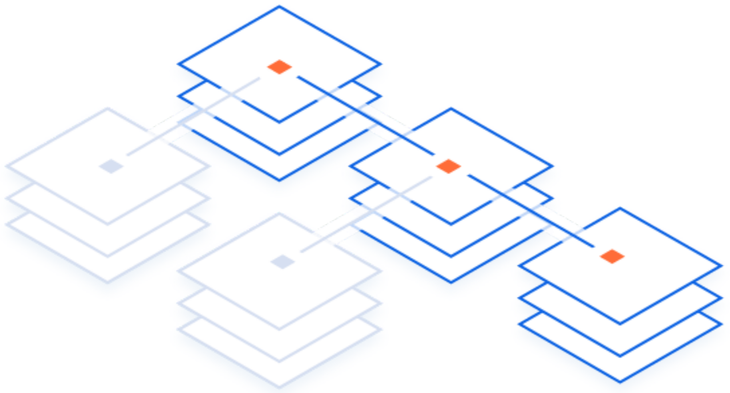
Simple, Modular, Composable

Prefer smaller components with a well-defined scoped that are functional on their own but can also be combined with other components in new and innovative ways.

Communicating Sequential Processes

Each service should be treated as an individual process that then communicates with other services via an API.





Immutability

Immutable components are discrete and versionable. This enables a clear history of how the current state was reached.

Versioning through Codification

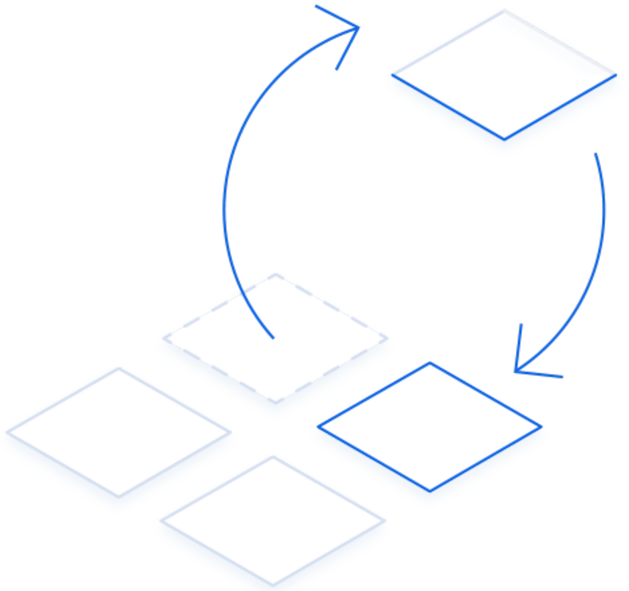
Codification of knowledge promotes information sharing and prevents data loss, as any changes to process can be easily stored and versioned.

Automation through Codification

Codification allows for tasks to be executed by machines, but still readable and writeable by operators. Automated tooling allows responsibilities to more easily scale.

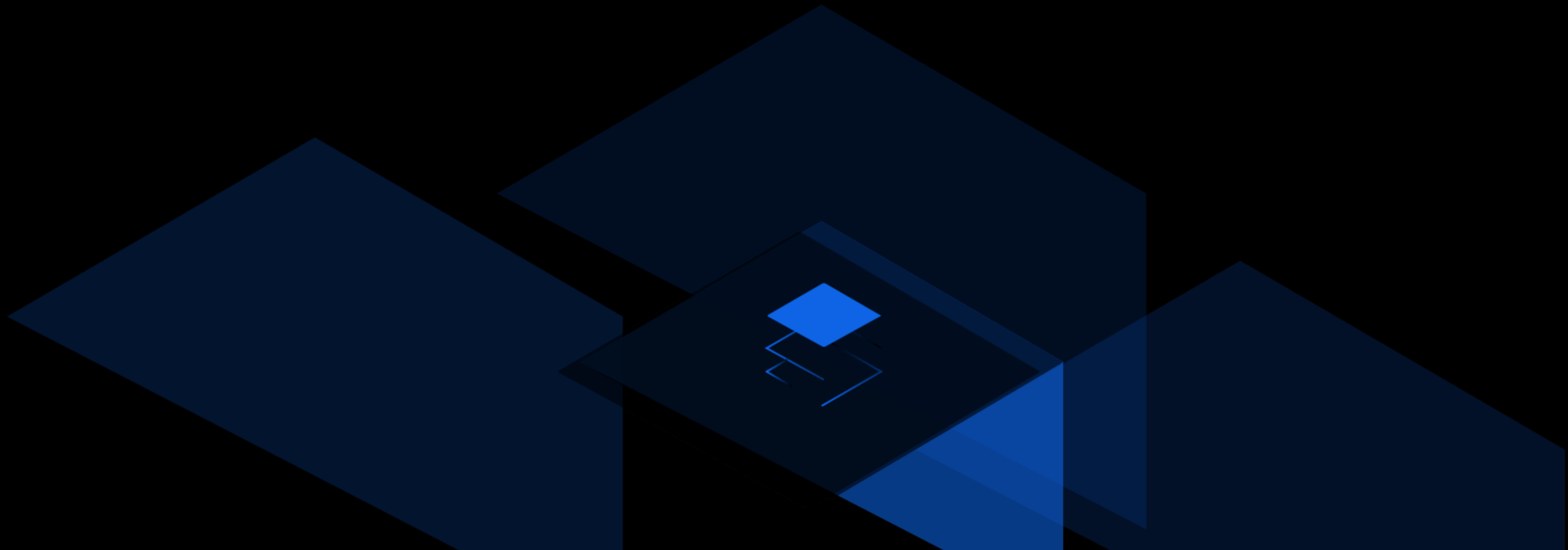
Resilient Systems

To withstand unexpected inputs and outputs, the system must have a desired state, a method for determining the current state, and a mechanism to adjust the current state to reach the desired state.



Pragmatism

Our Tao are ideals which we aspire to and not requirements that we dogmatically impose. Some situations have a practical solution that requires re-evaluating our ideals.

The Tao Of HashiCorp

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