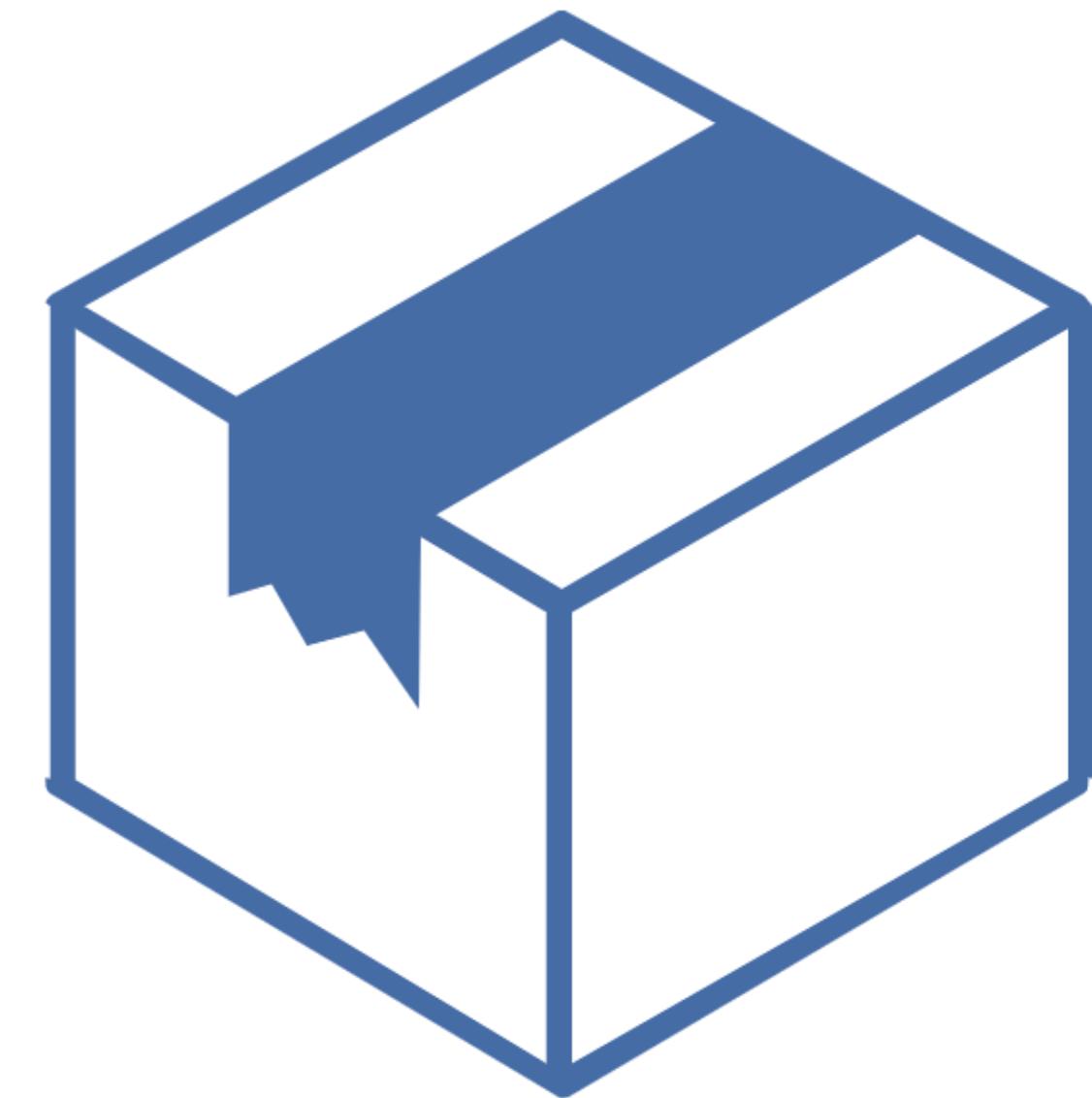
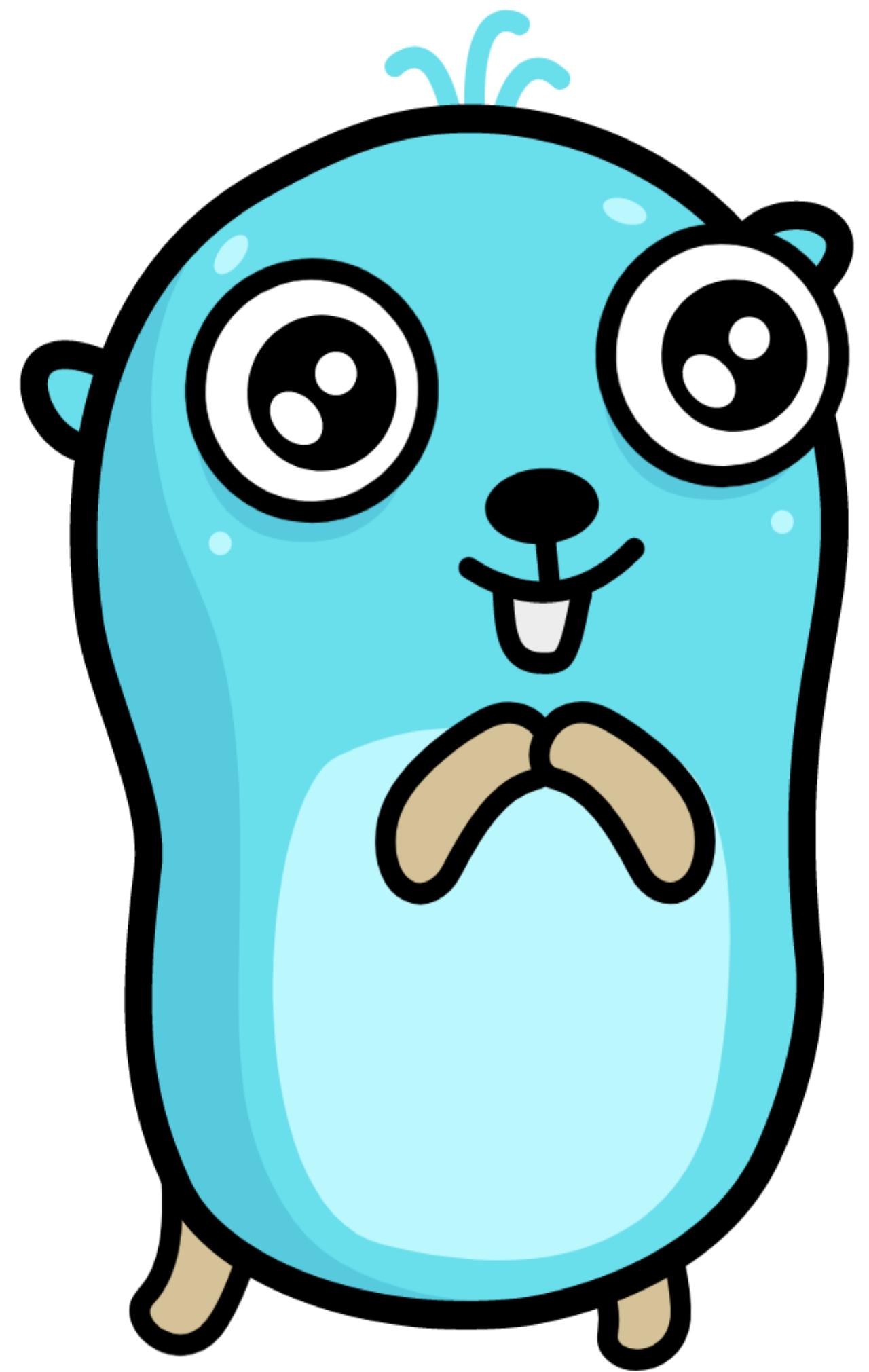
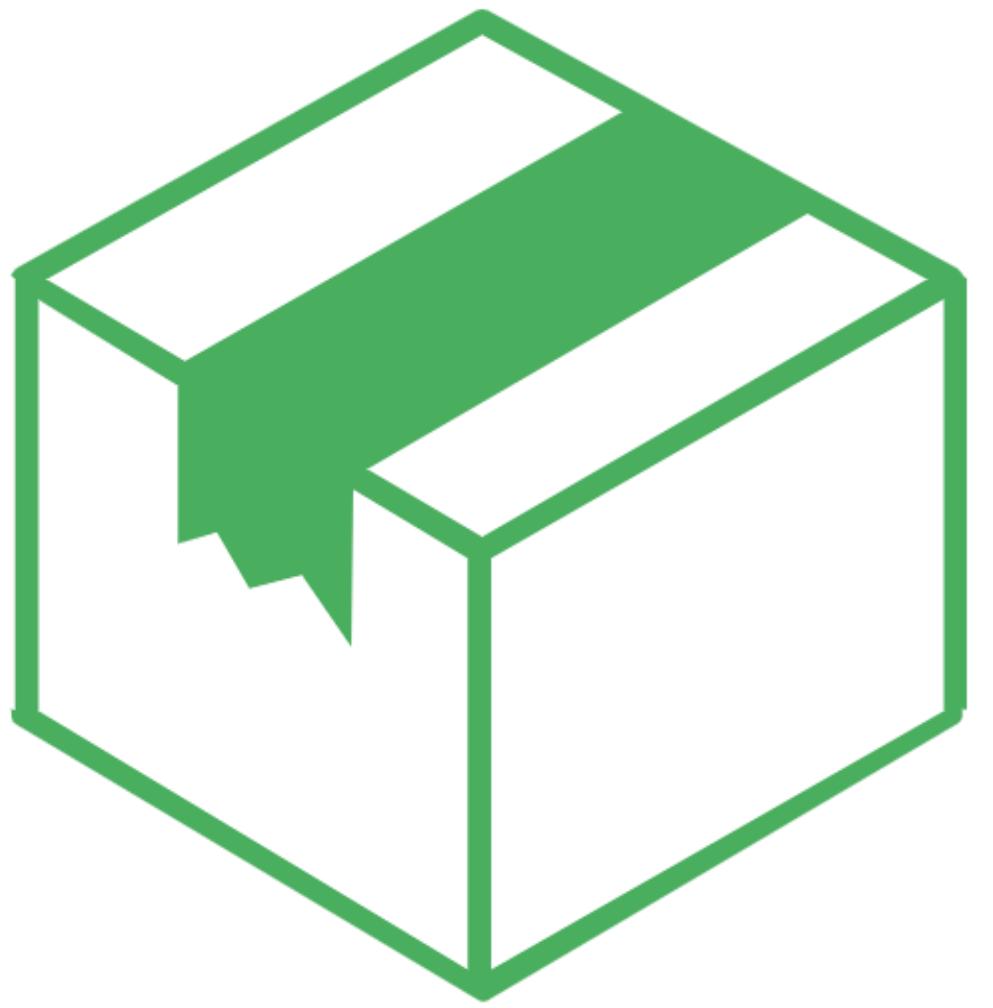




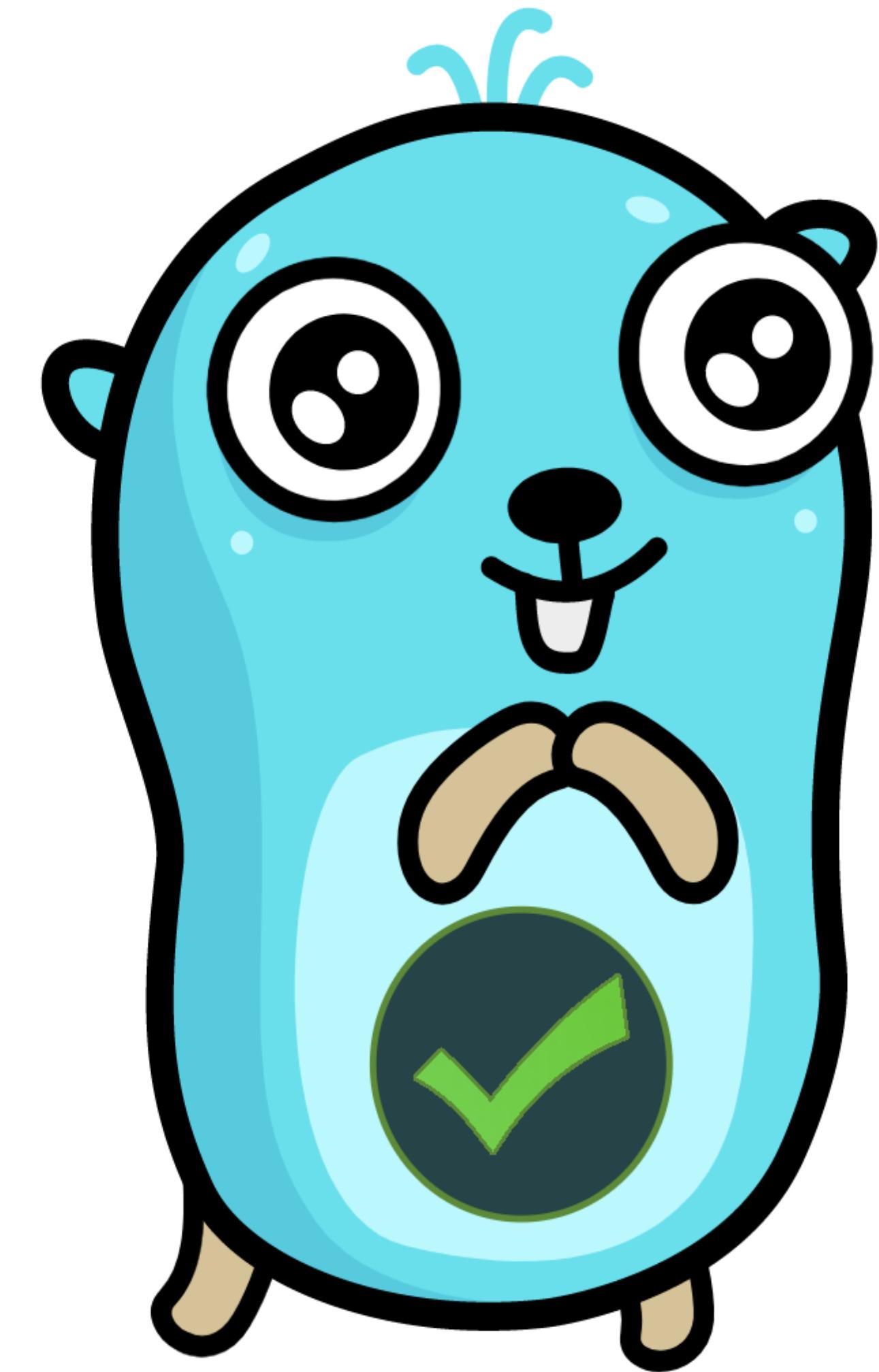
A Flight Over the Cloud Native Landscape

Carson Anderson, Weave

@carson_ops
@carsonoid



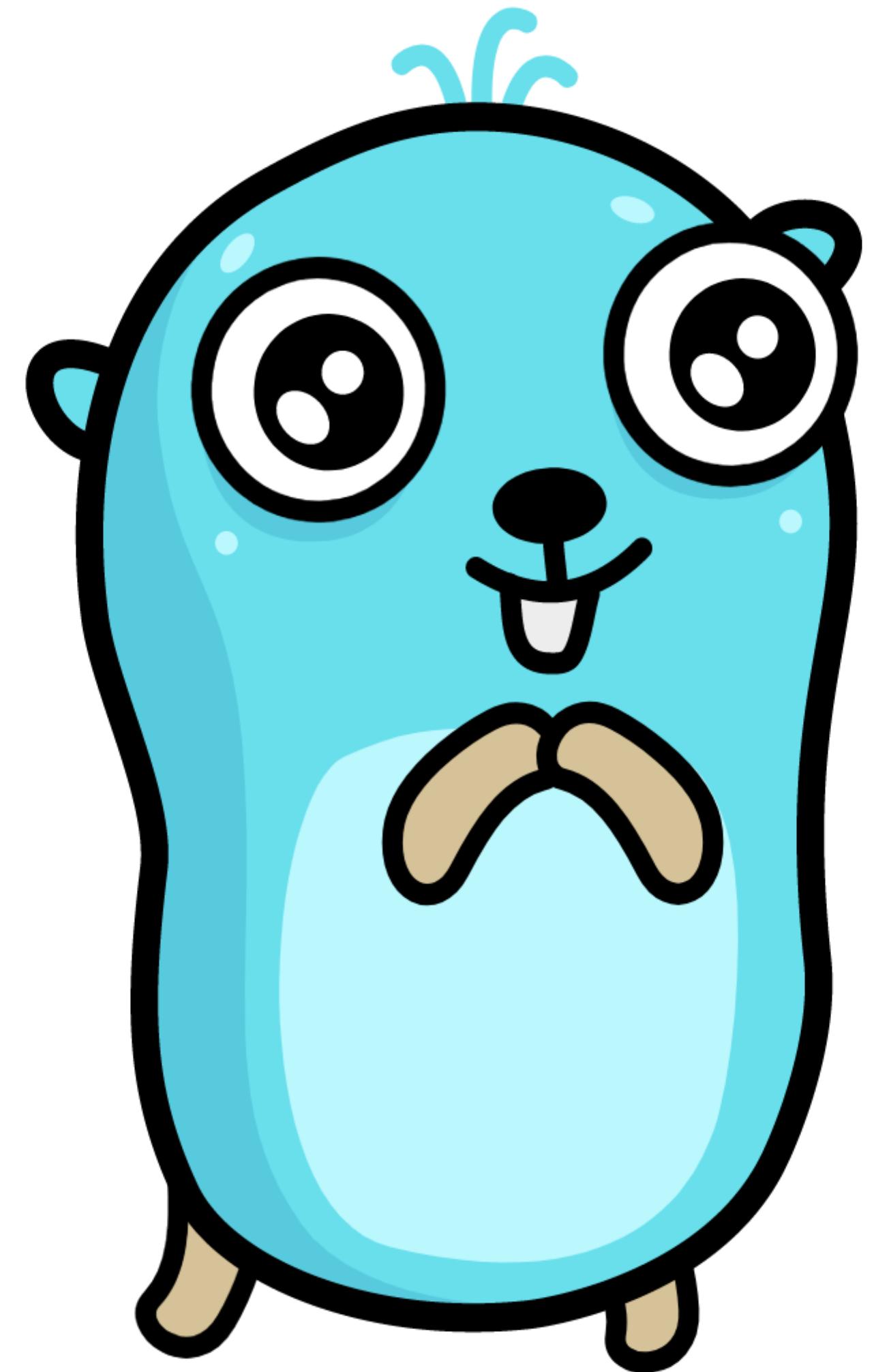
bestpractices.coreinfrastructure.org



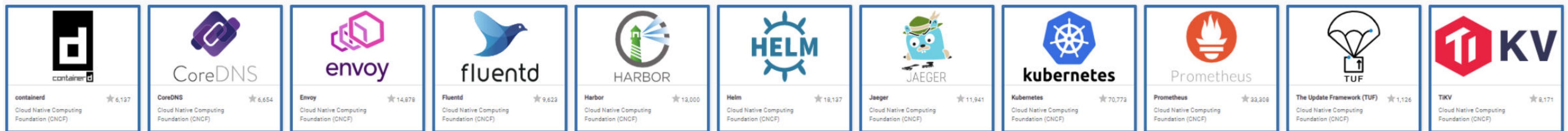


Security Audit
Governace.md
Owners.md
Adopters.md

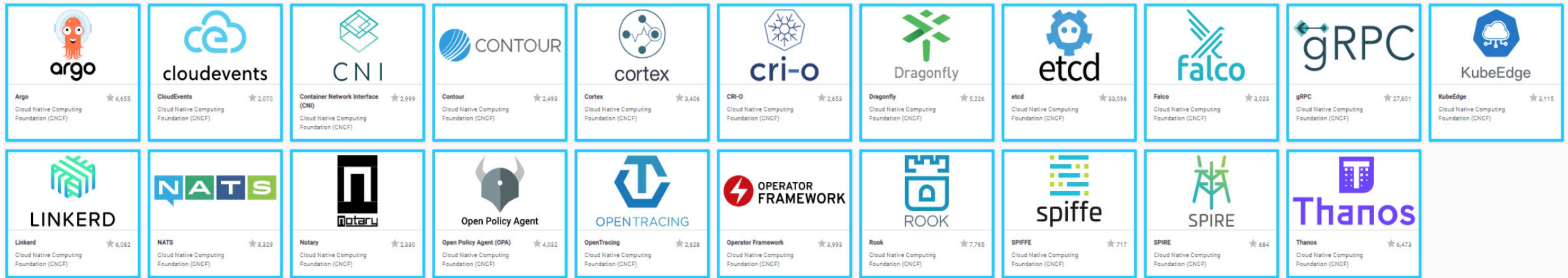
Supermajority

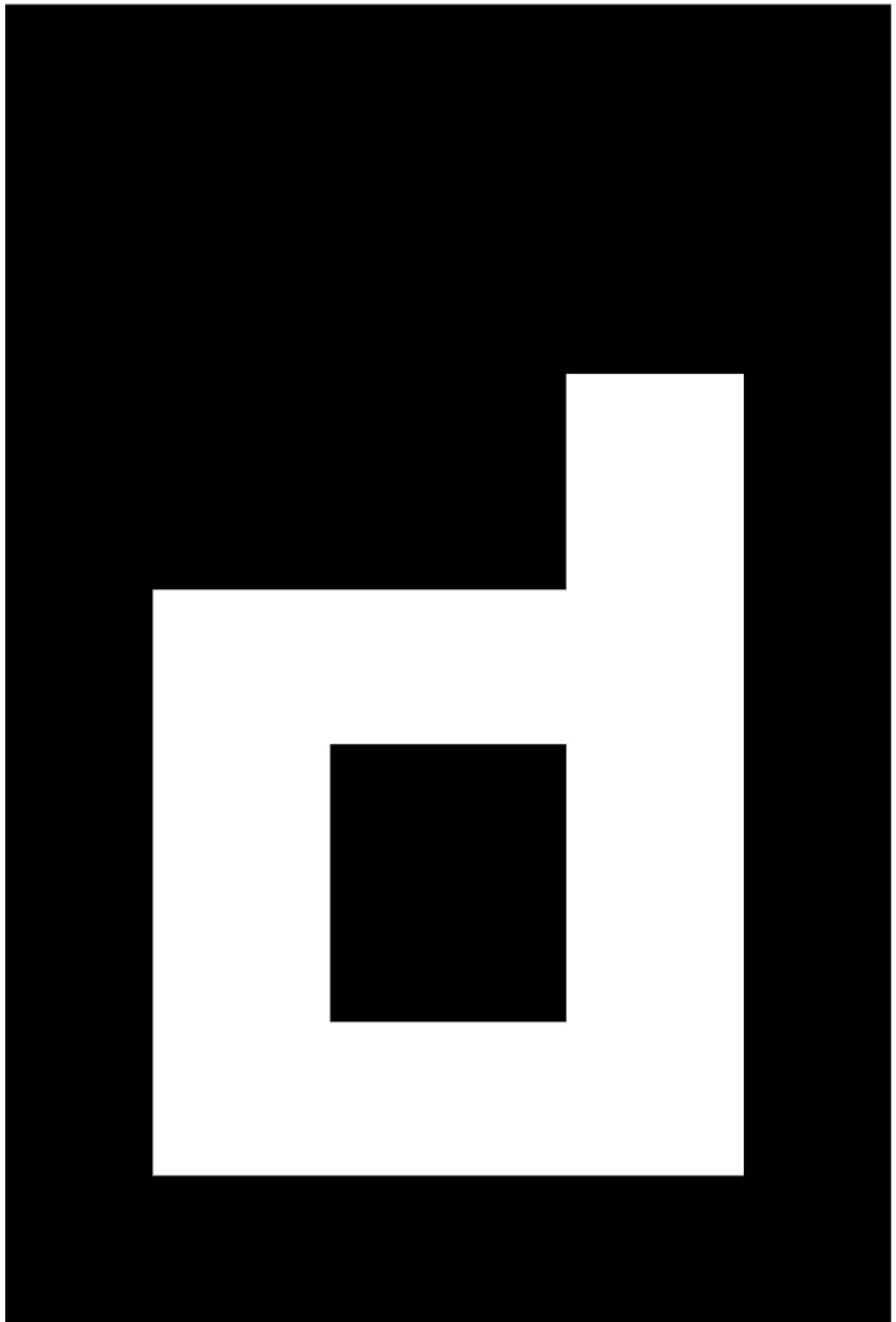


CNCF Graduated Projects (12)



CNCF Incubating Projects (21)

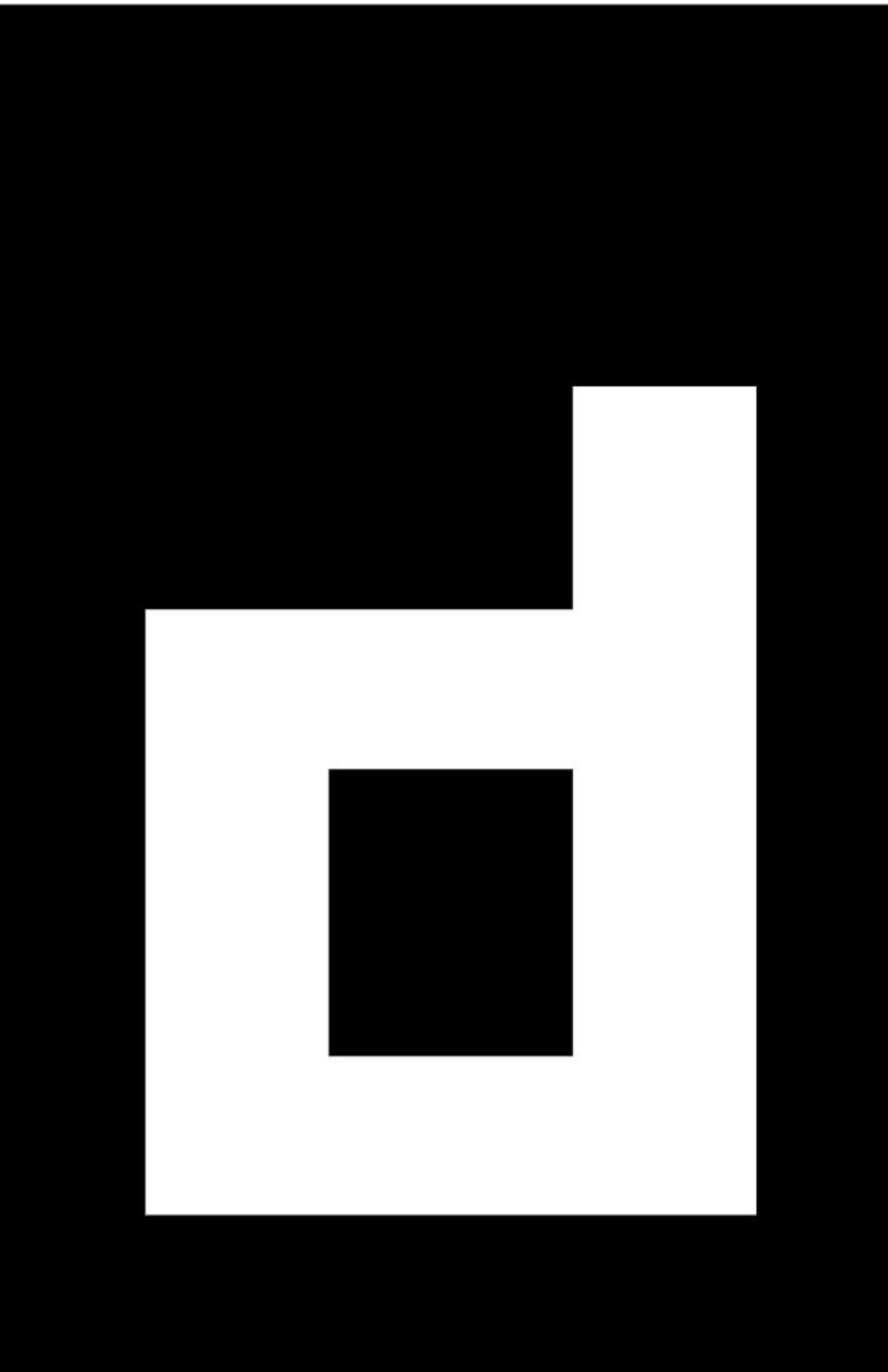




containerd

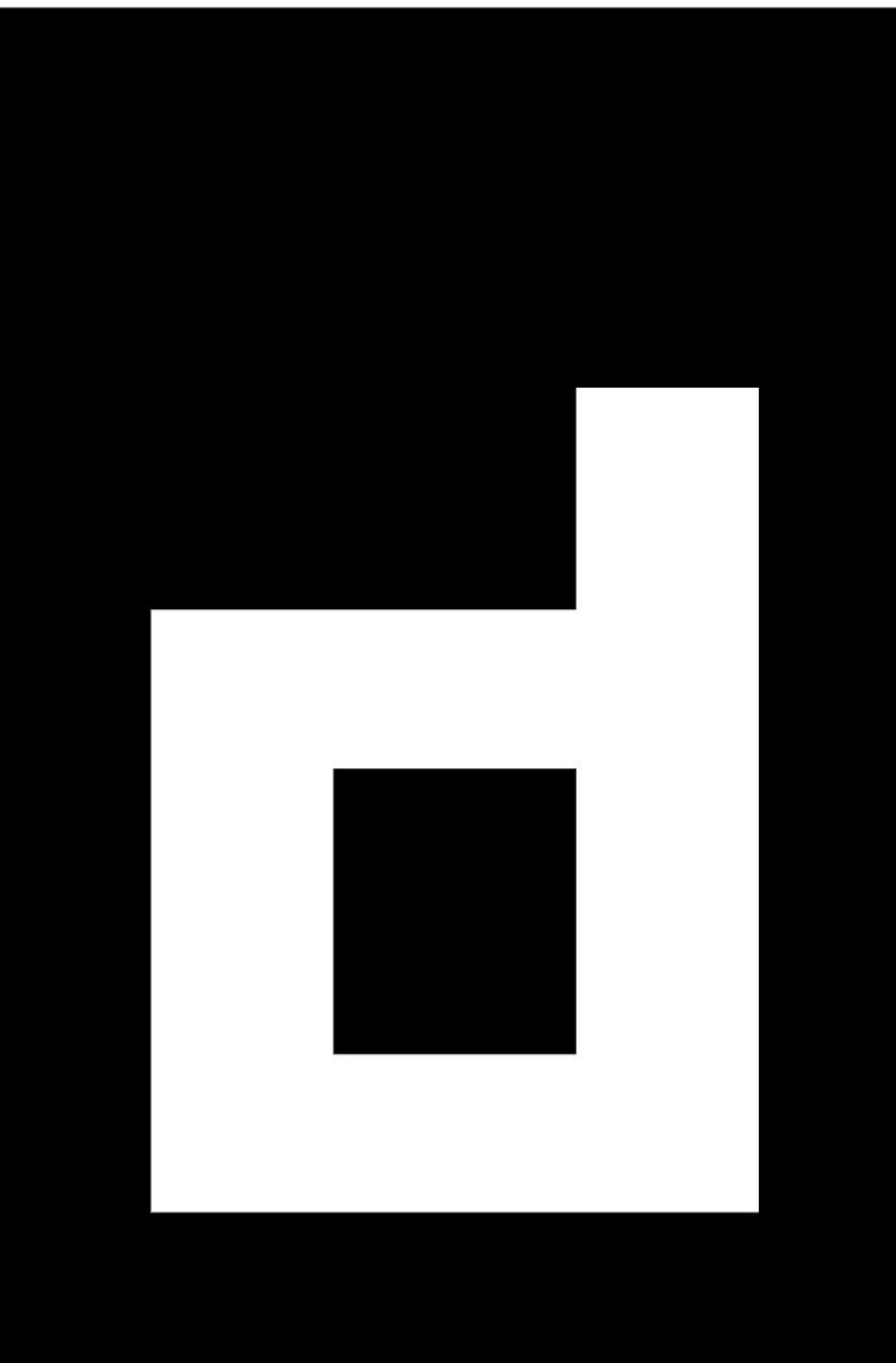


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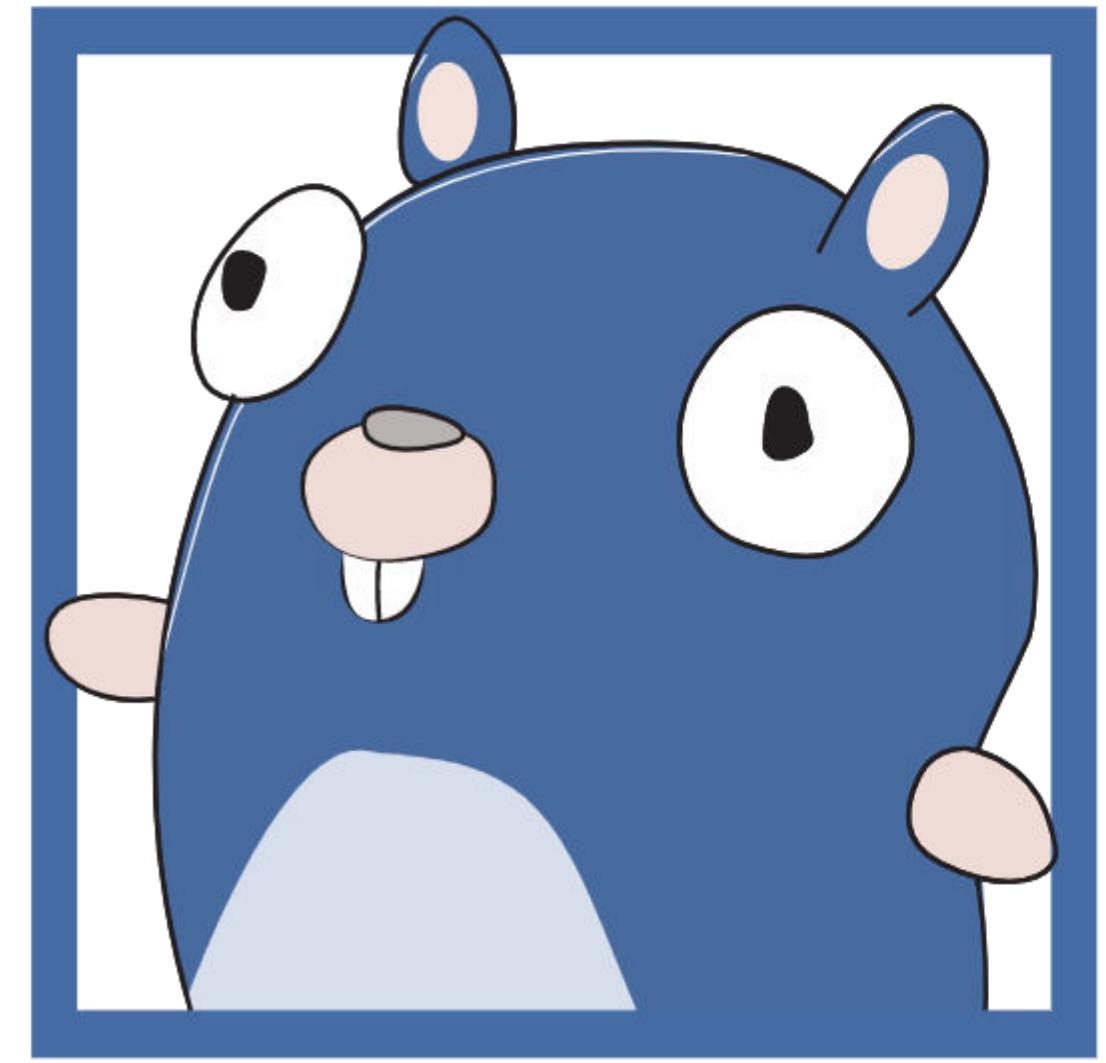
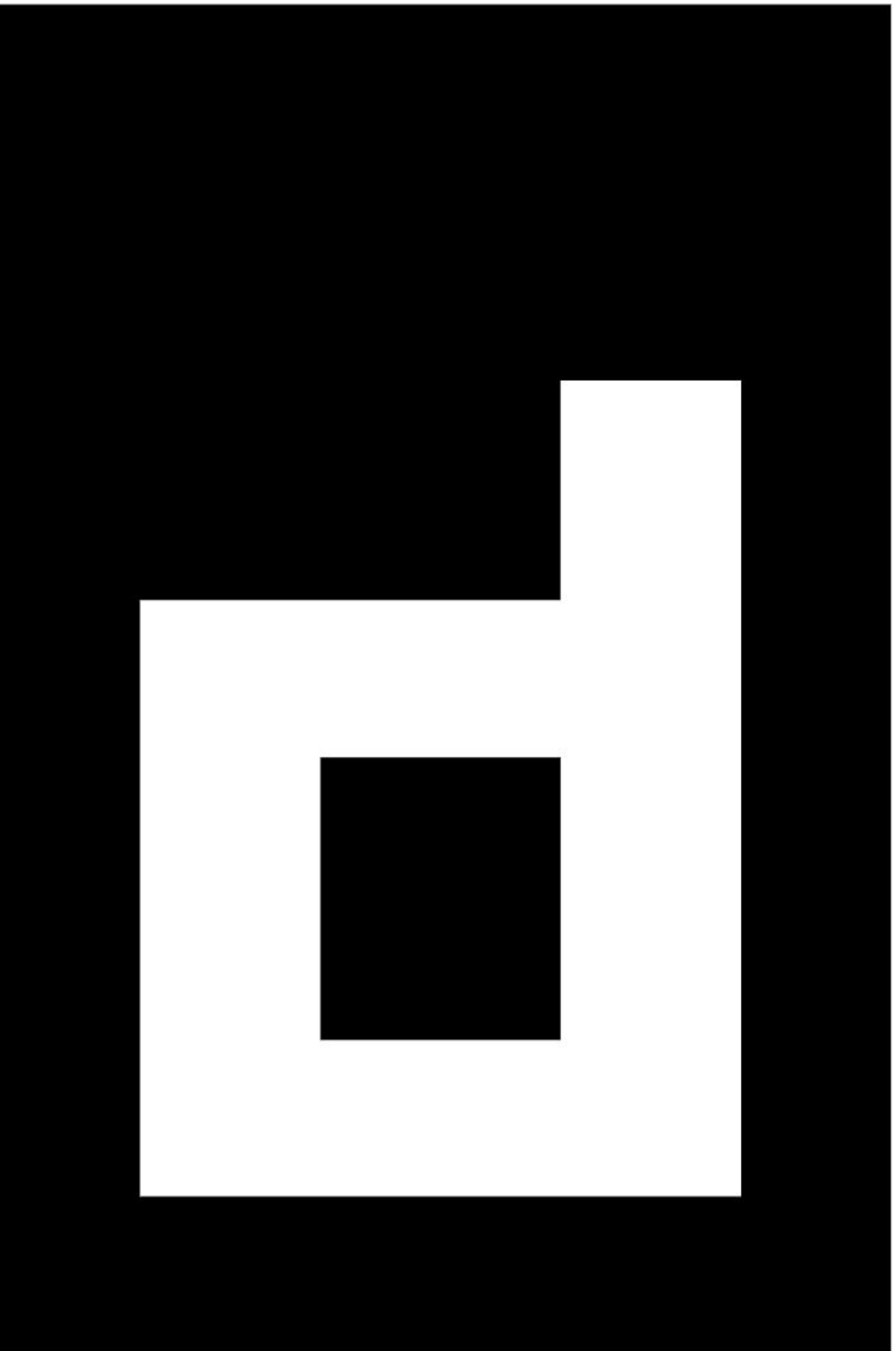


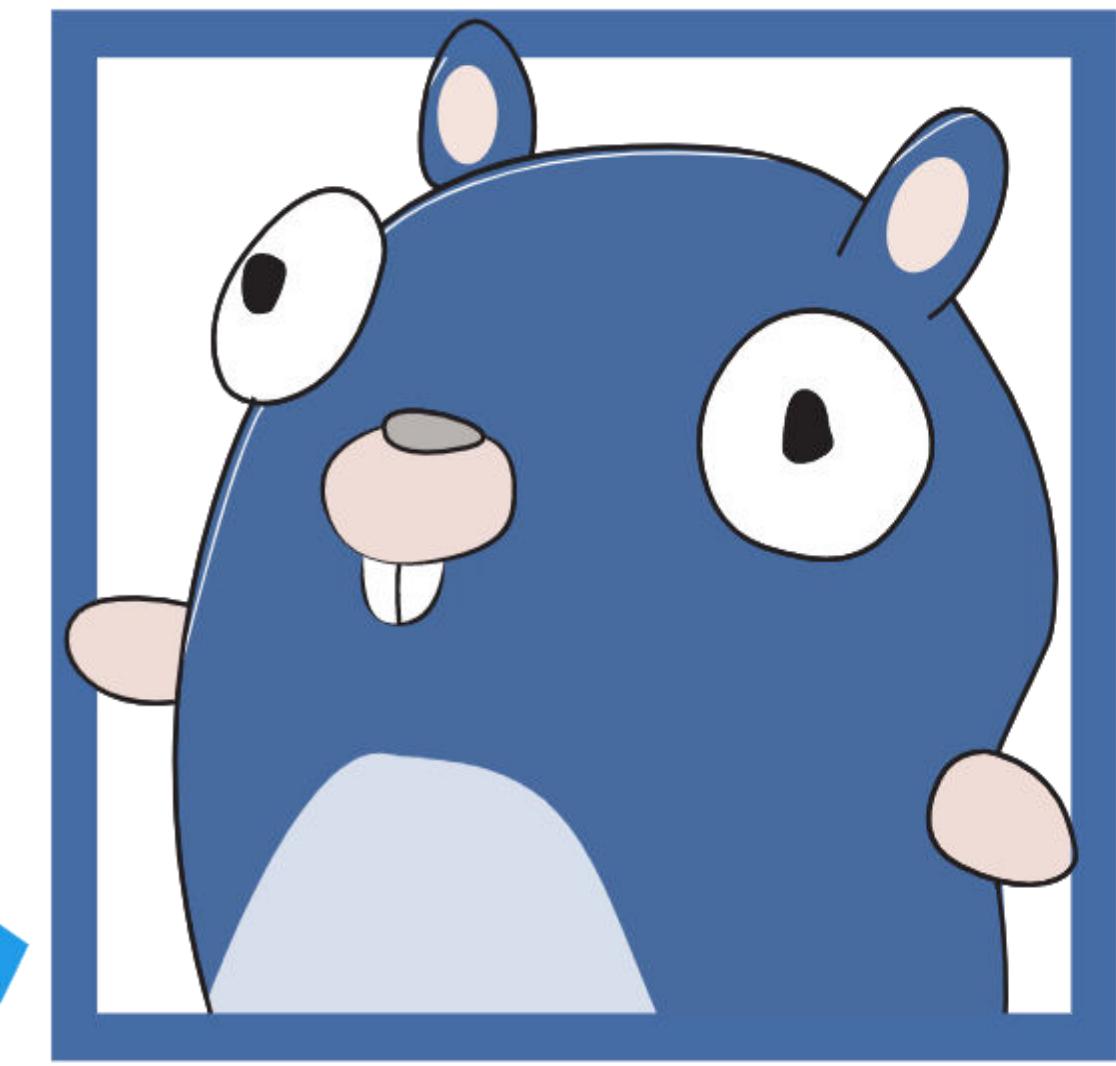
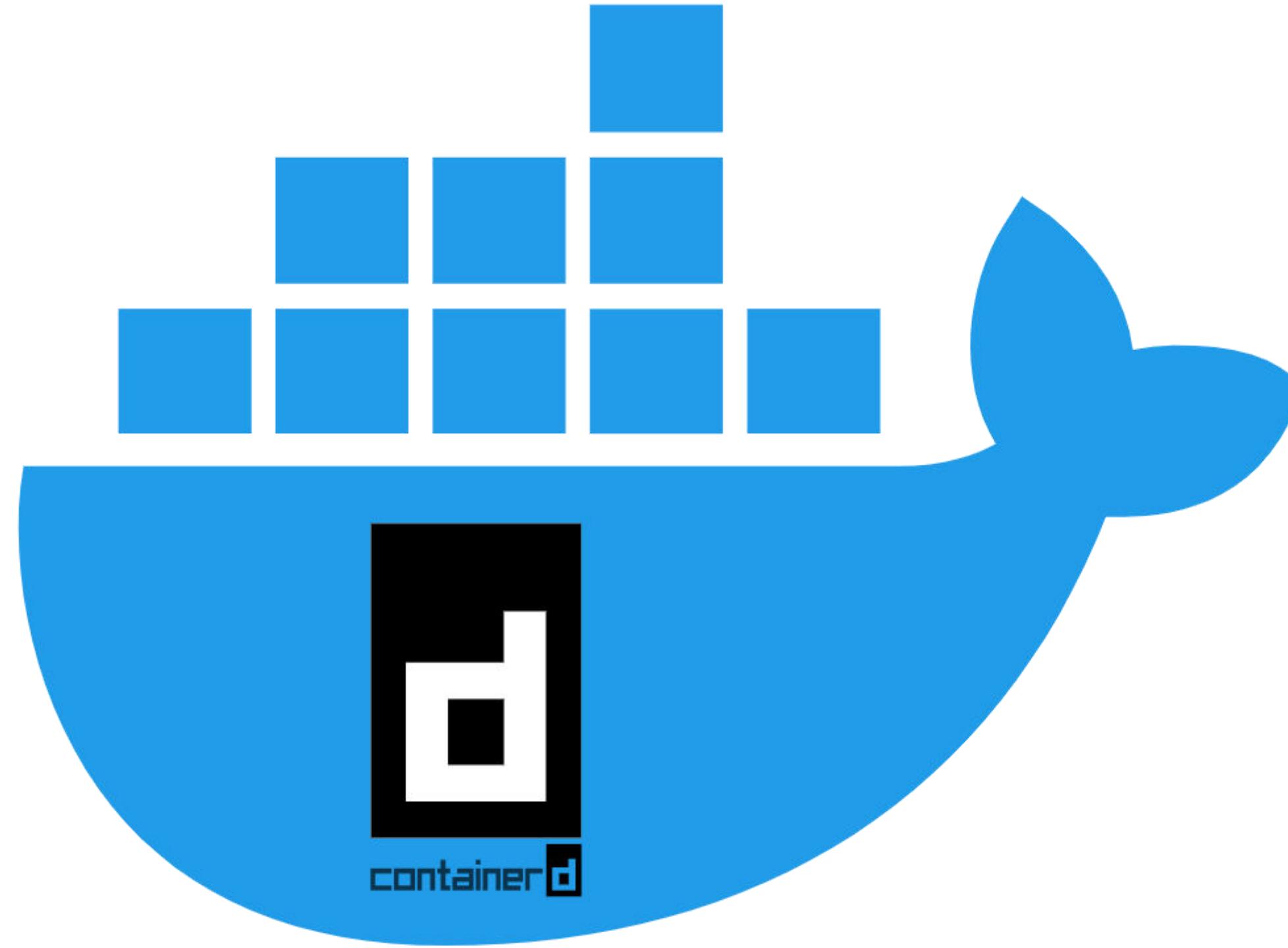
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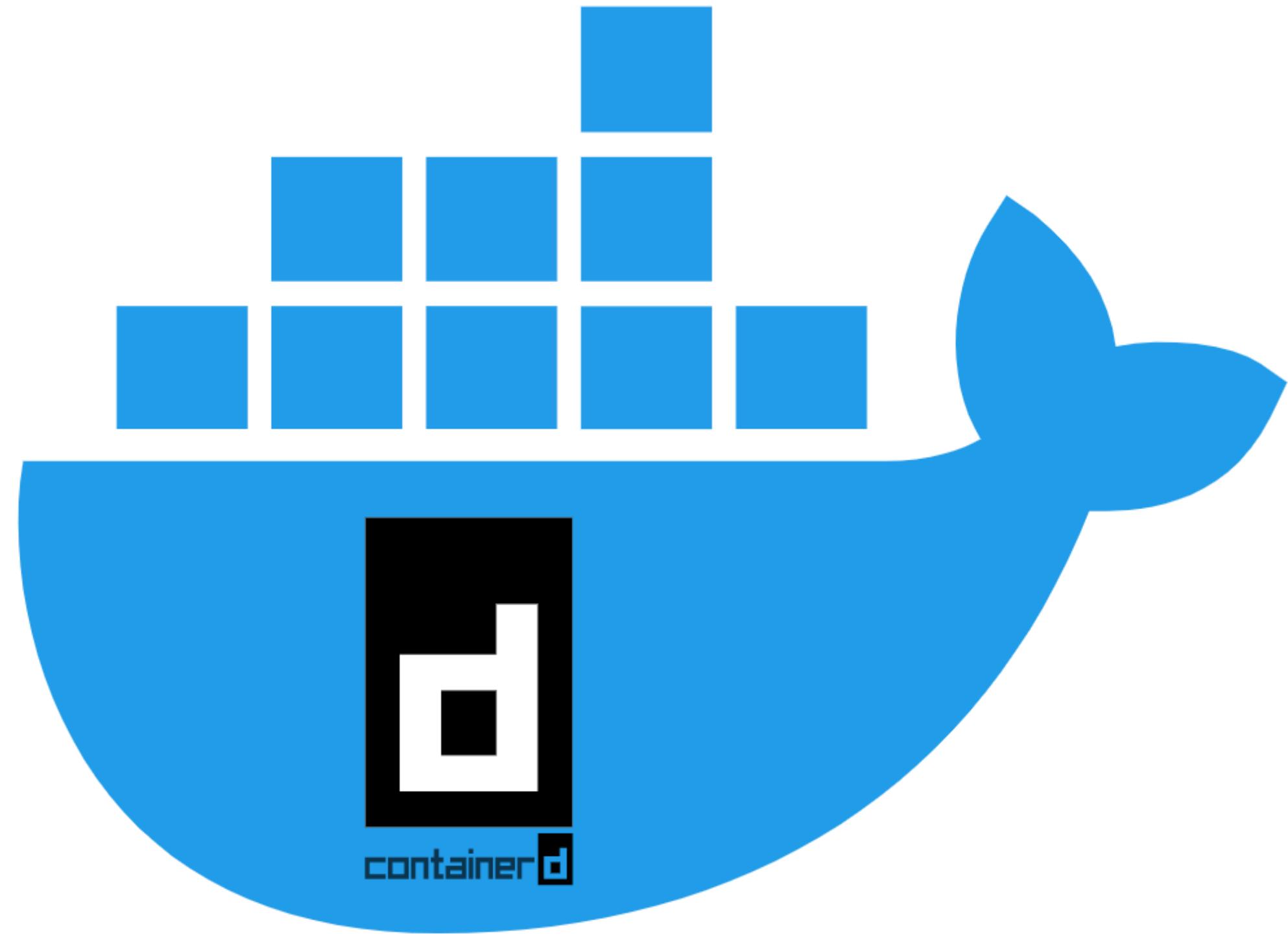


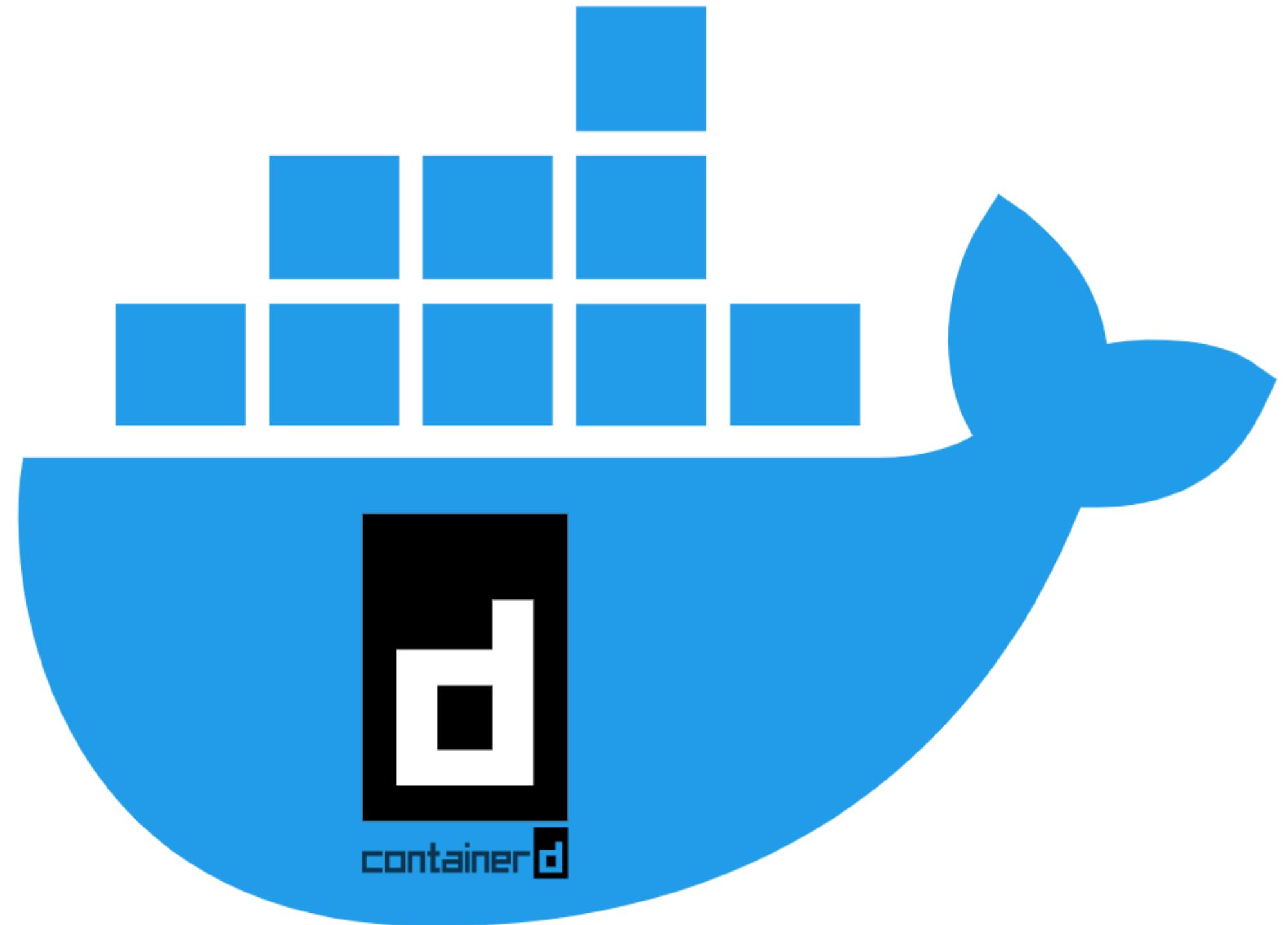


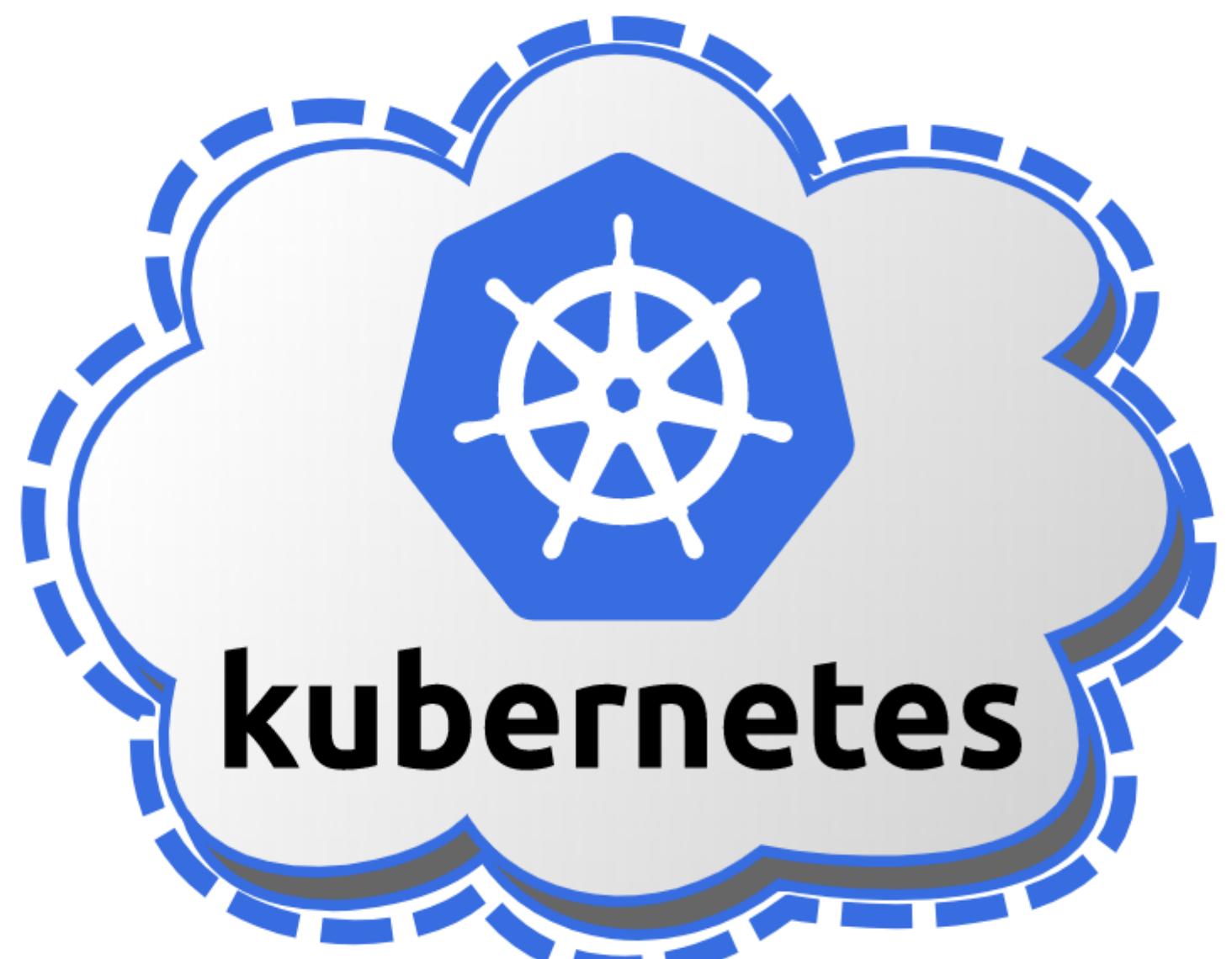
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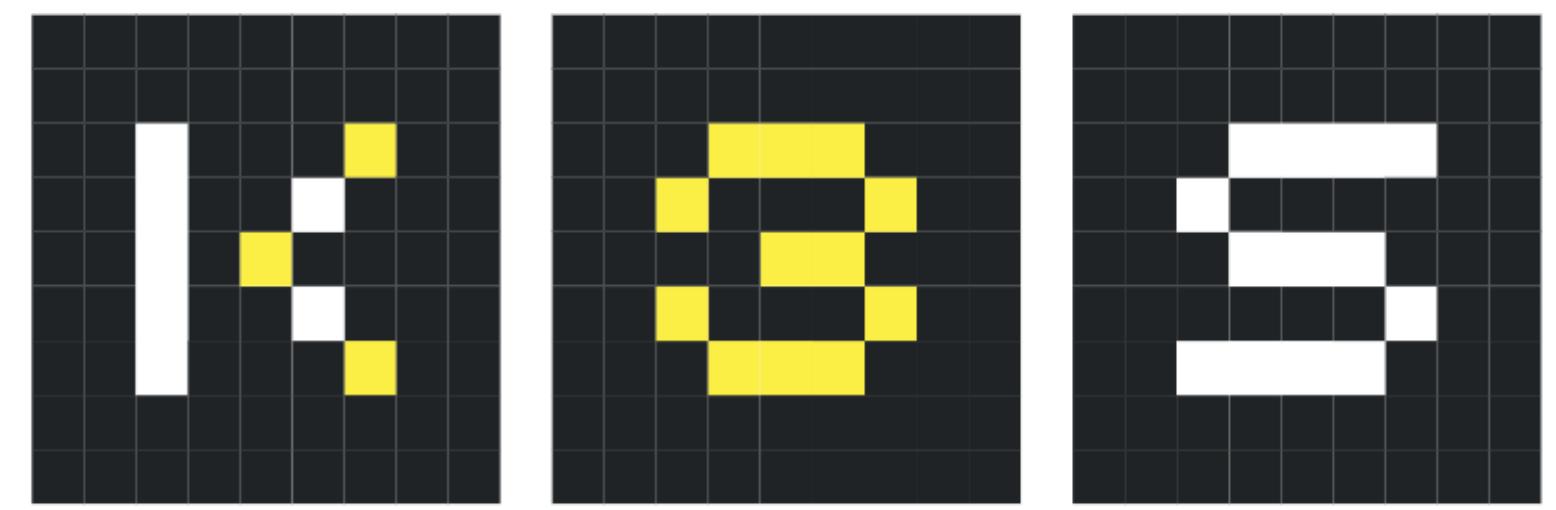
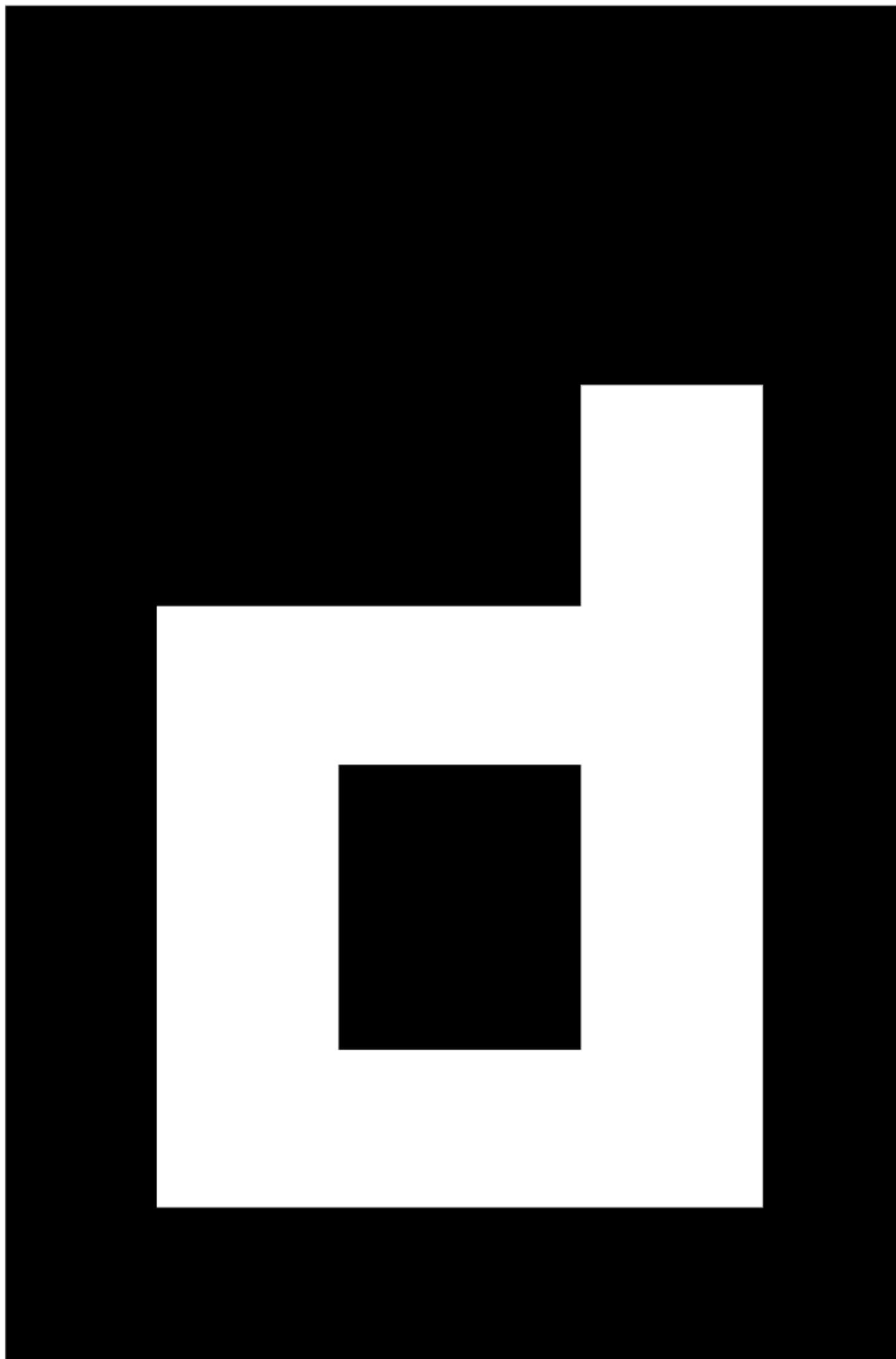




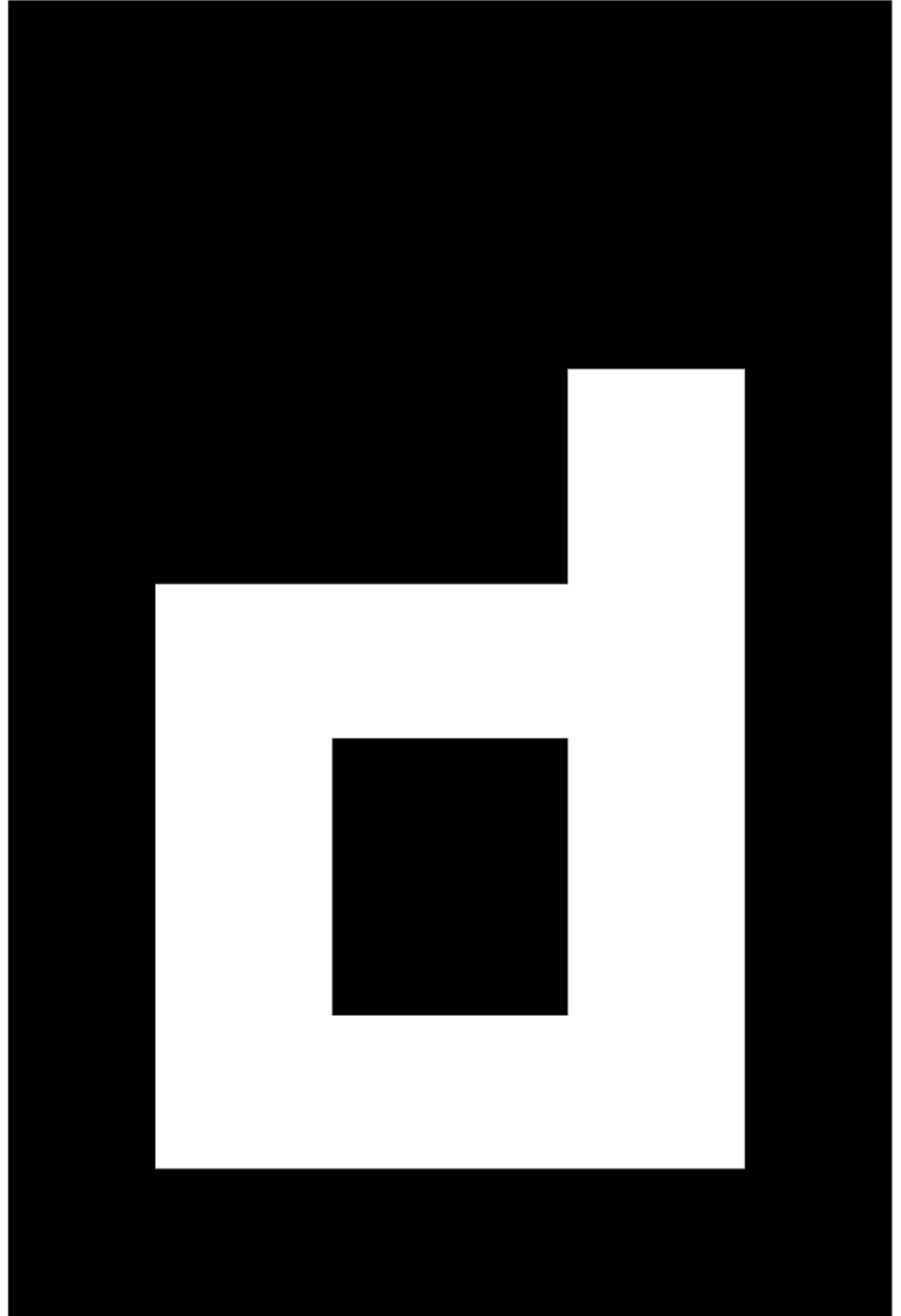




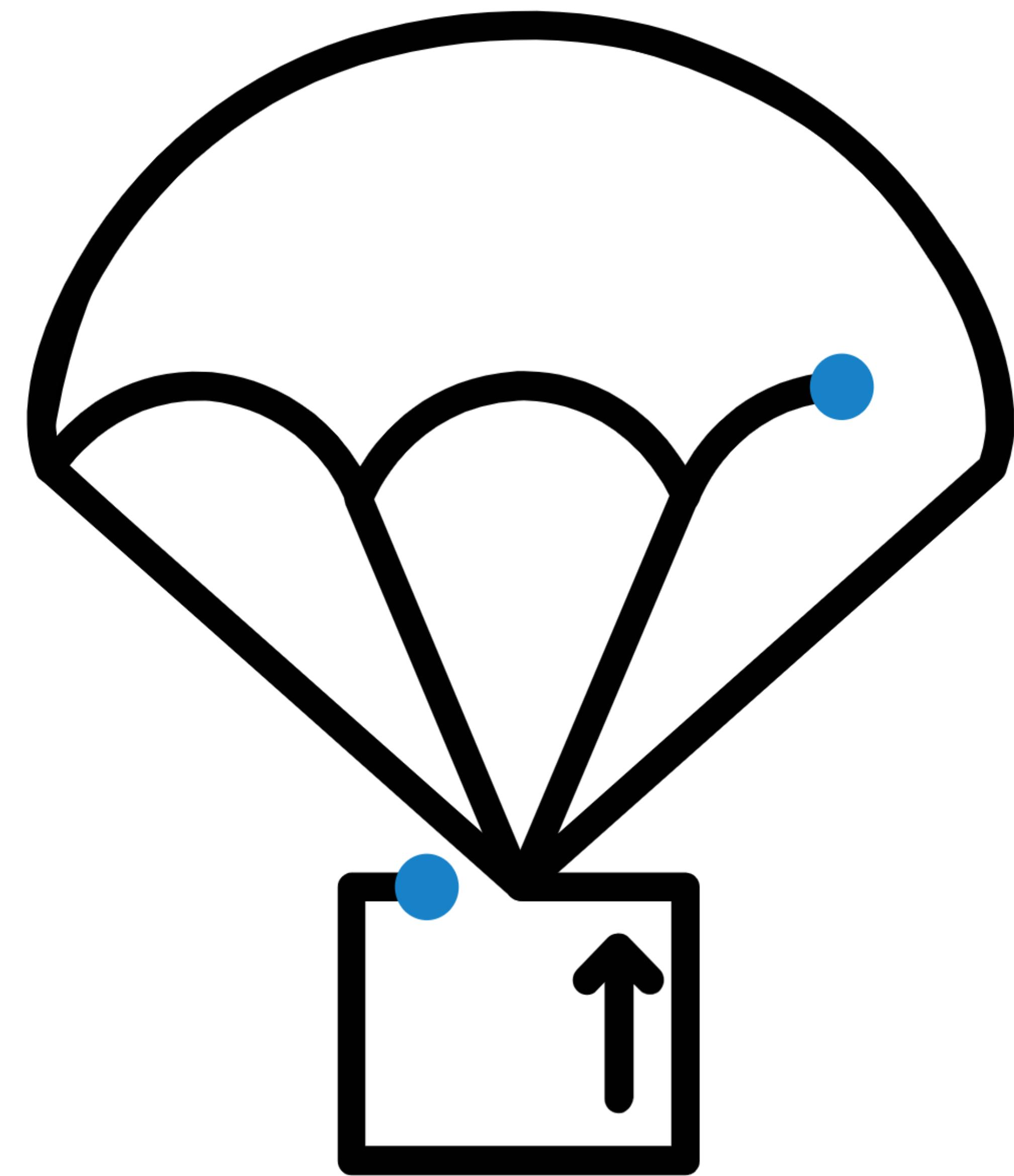
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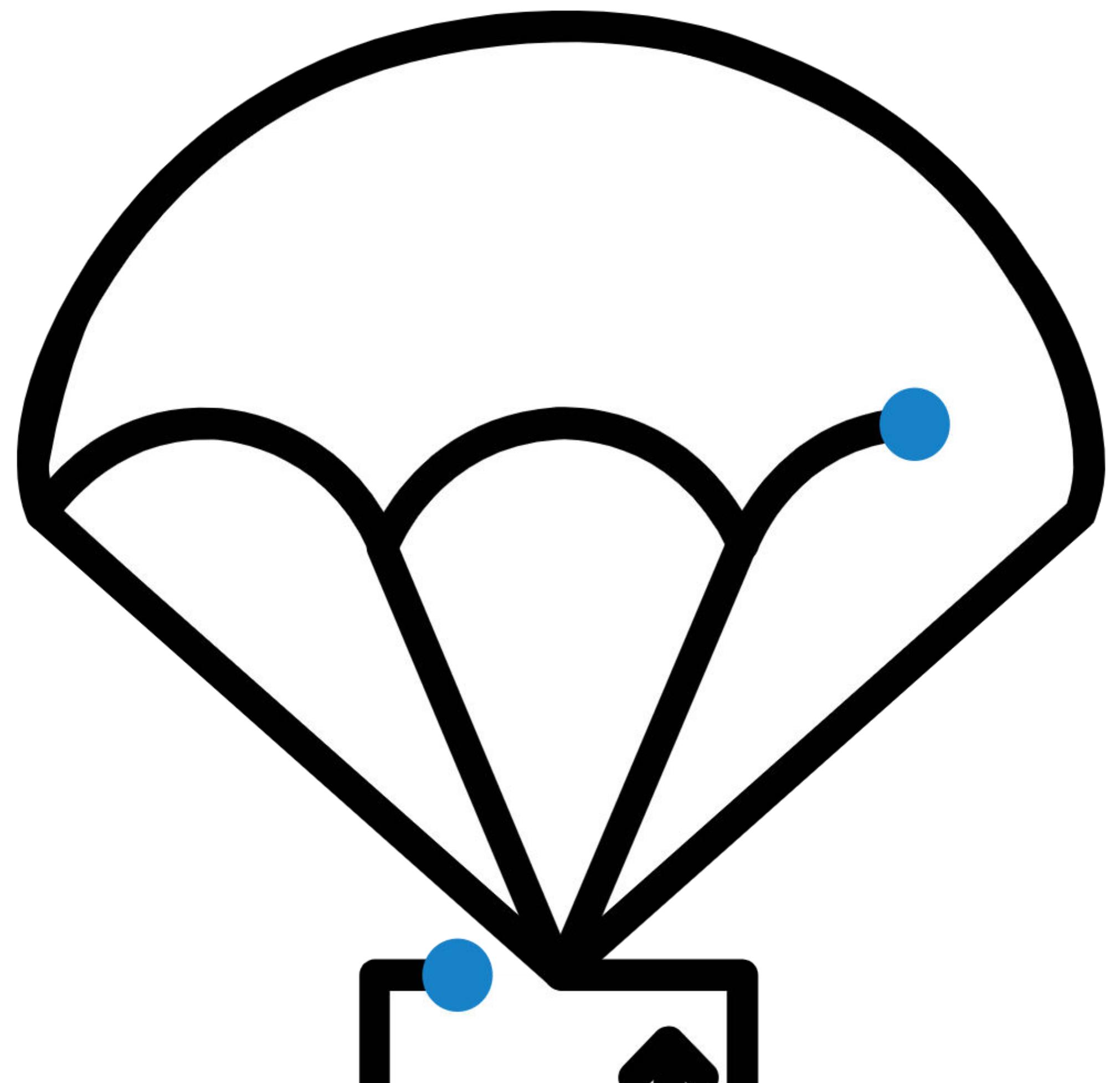
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containerd

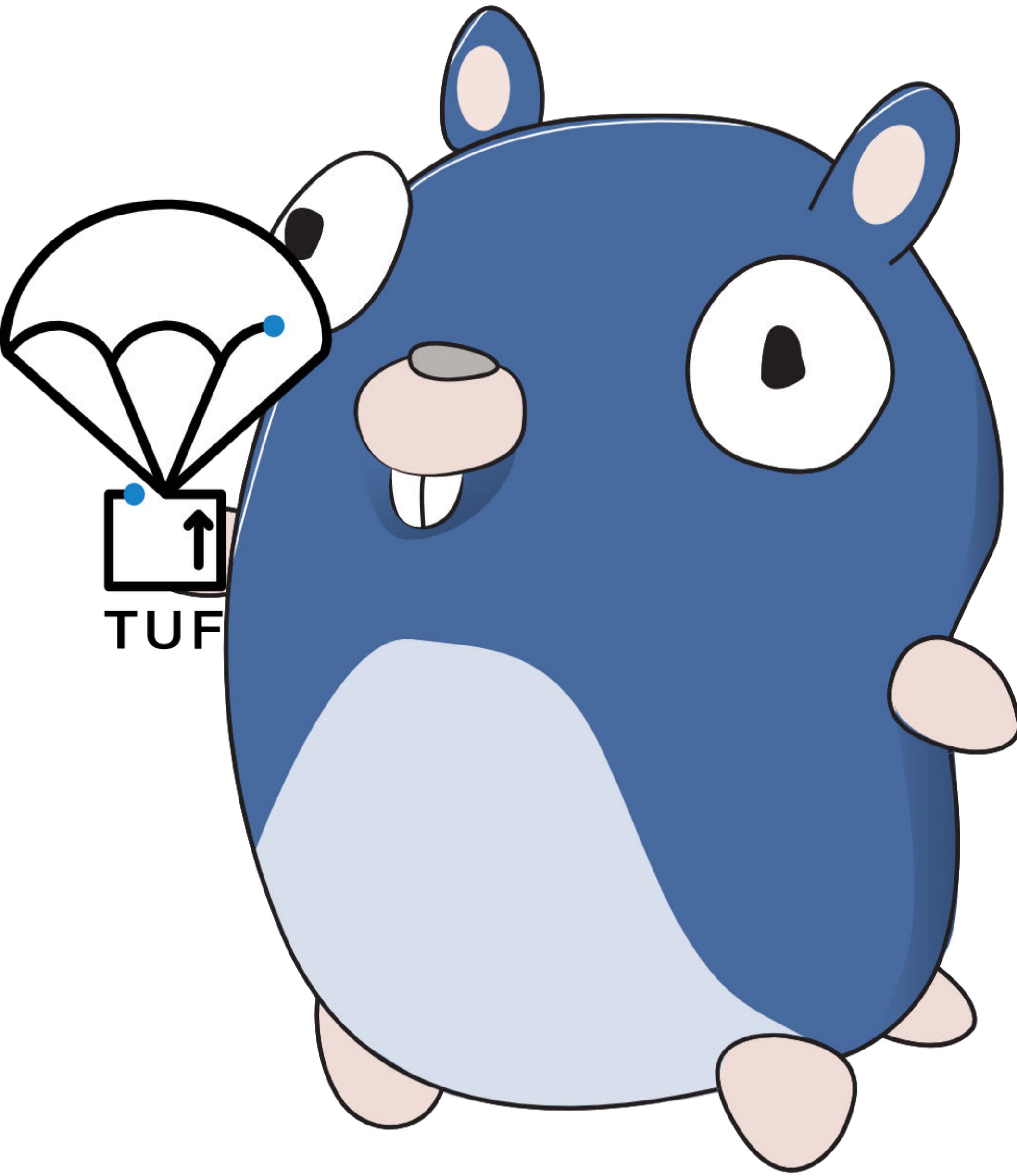
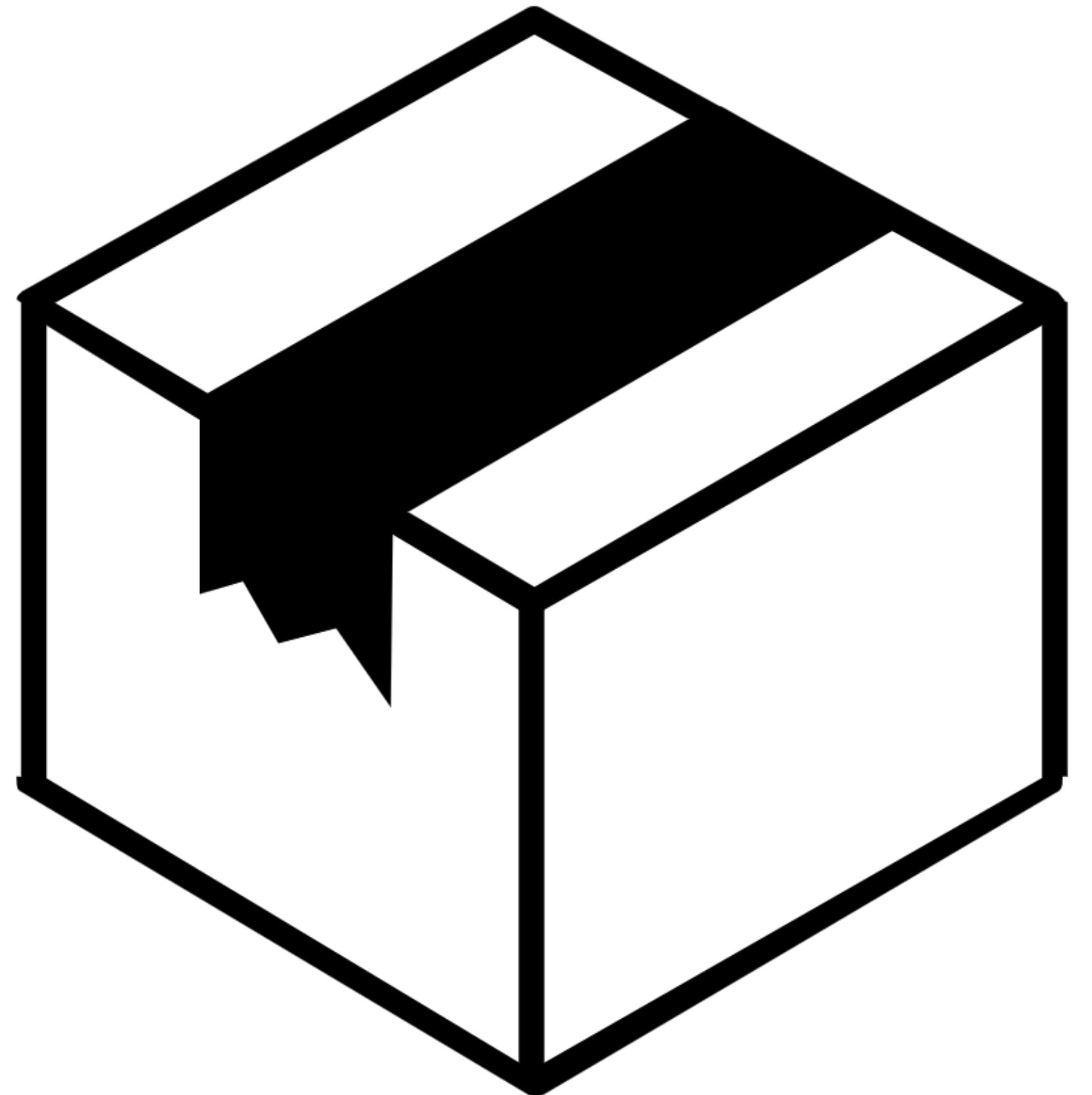


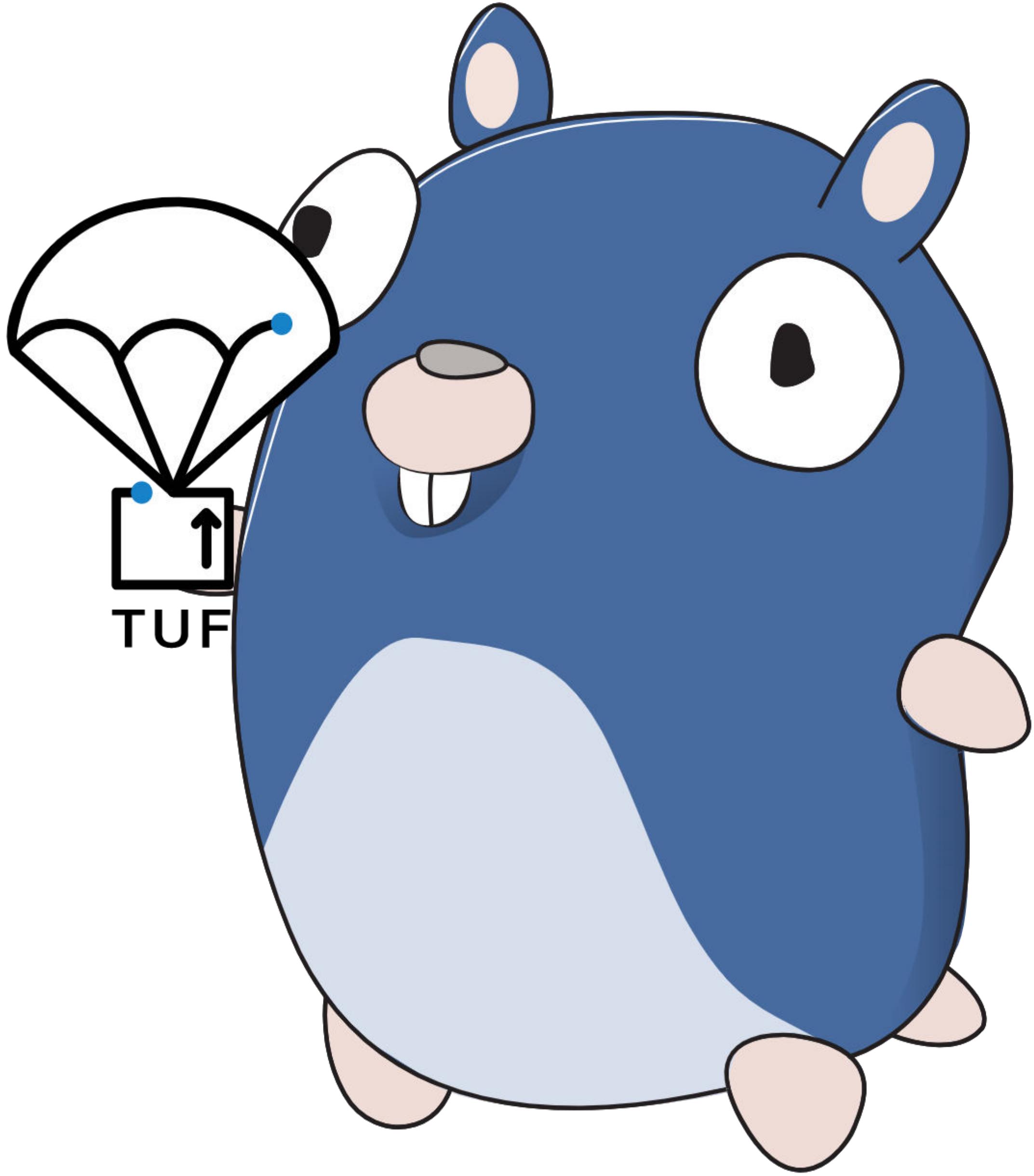
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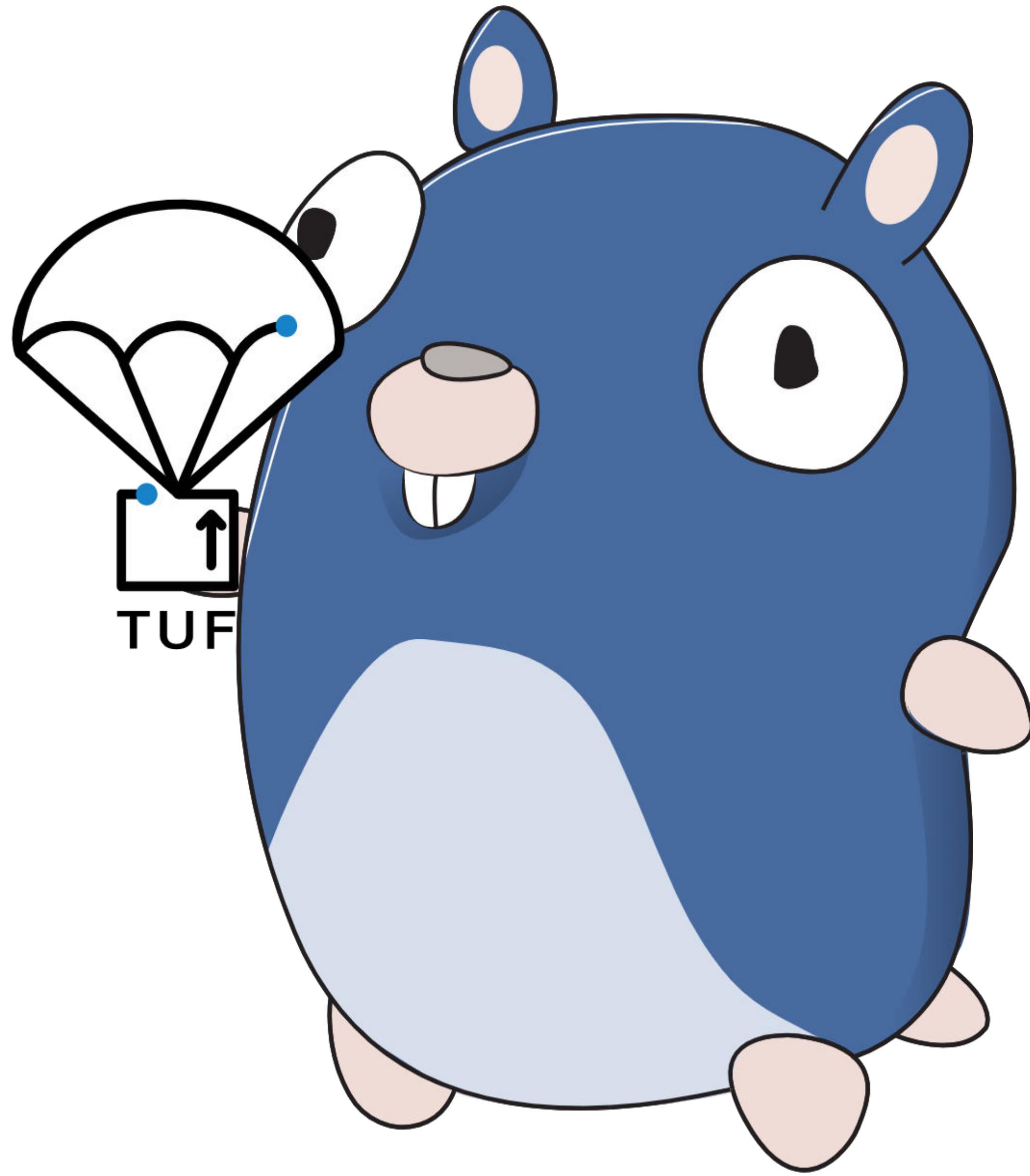


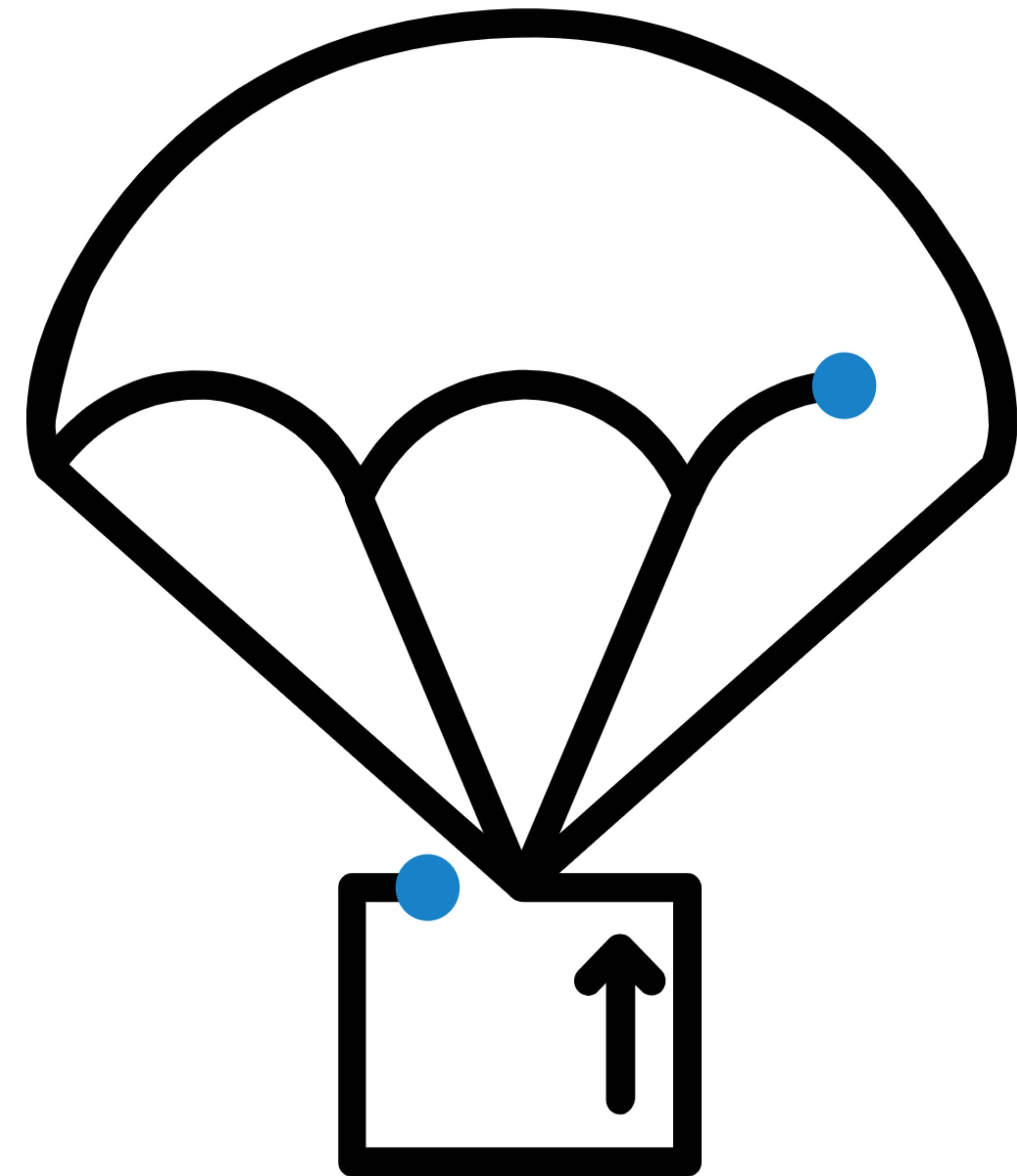
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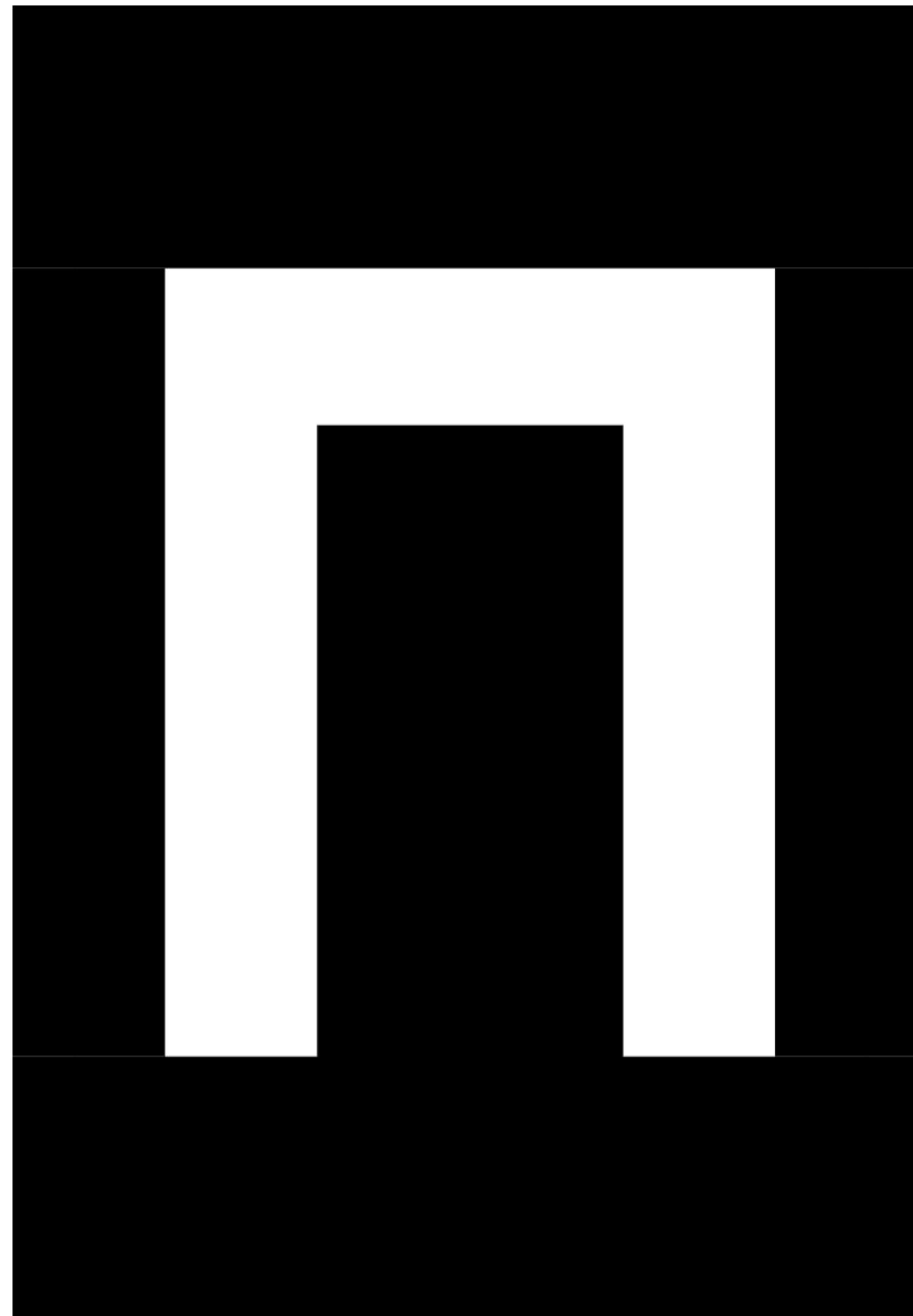




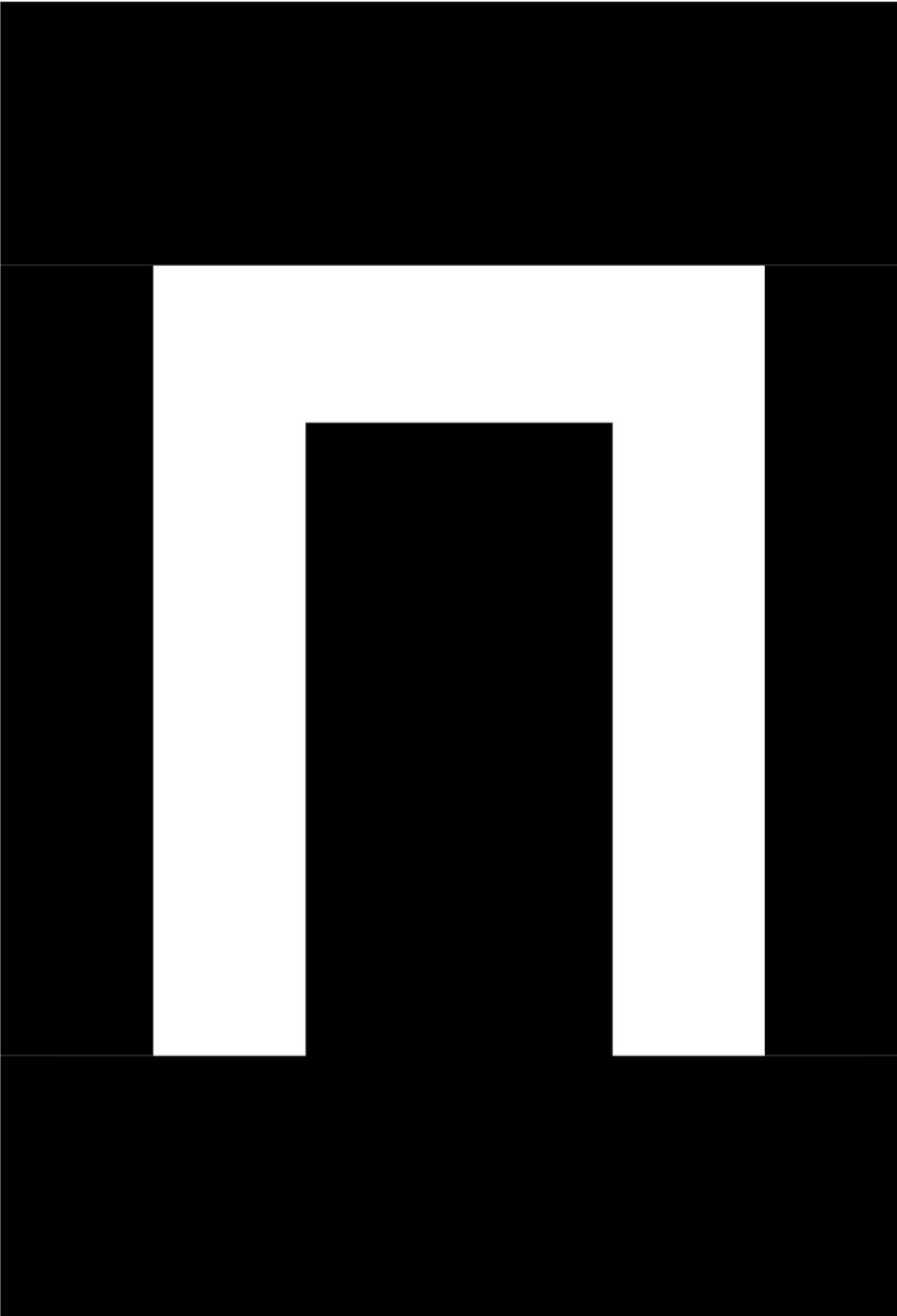
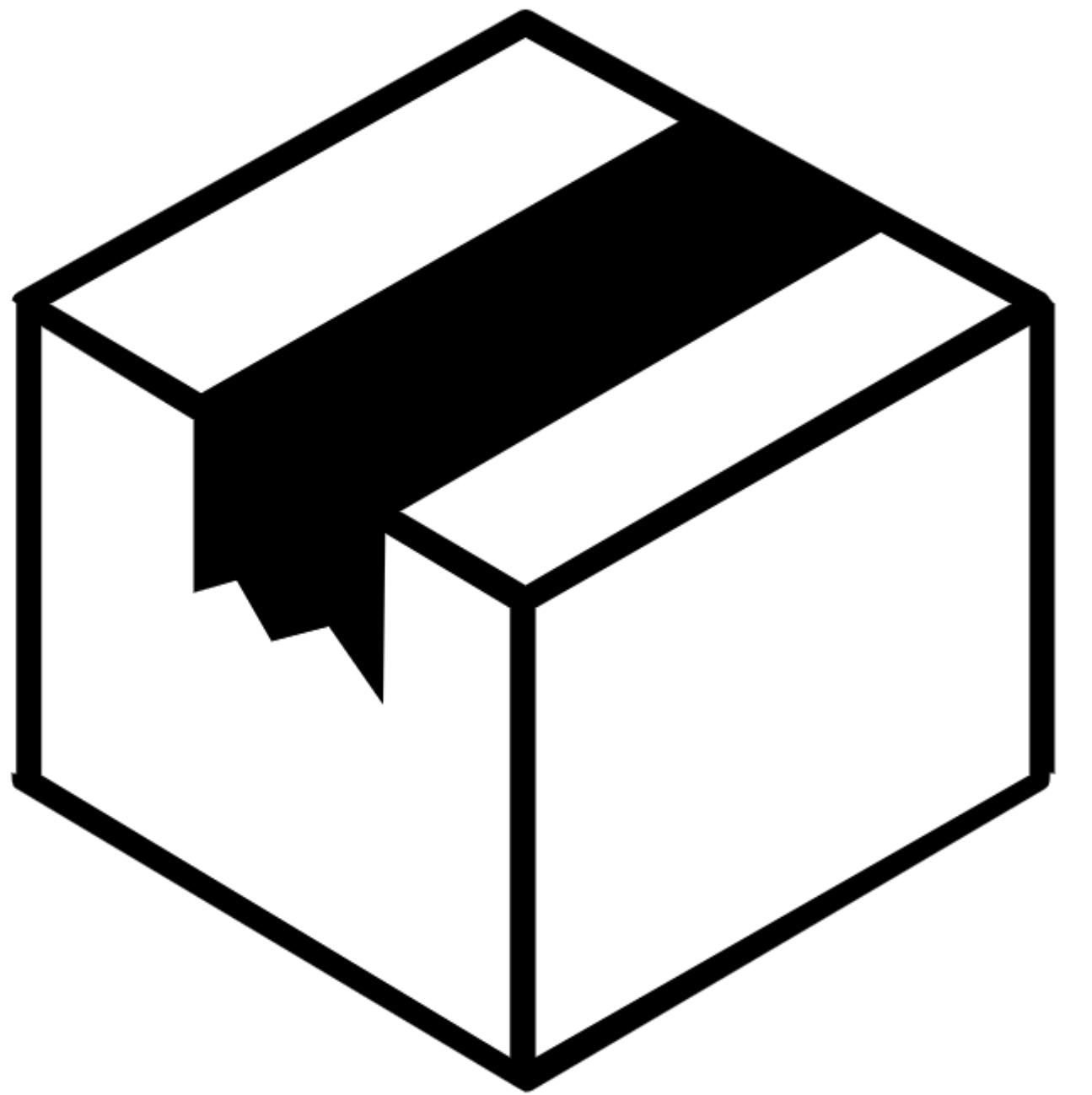




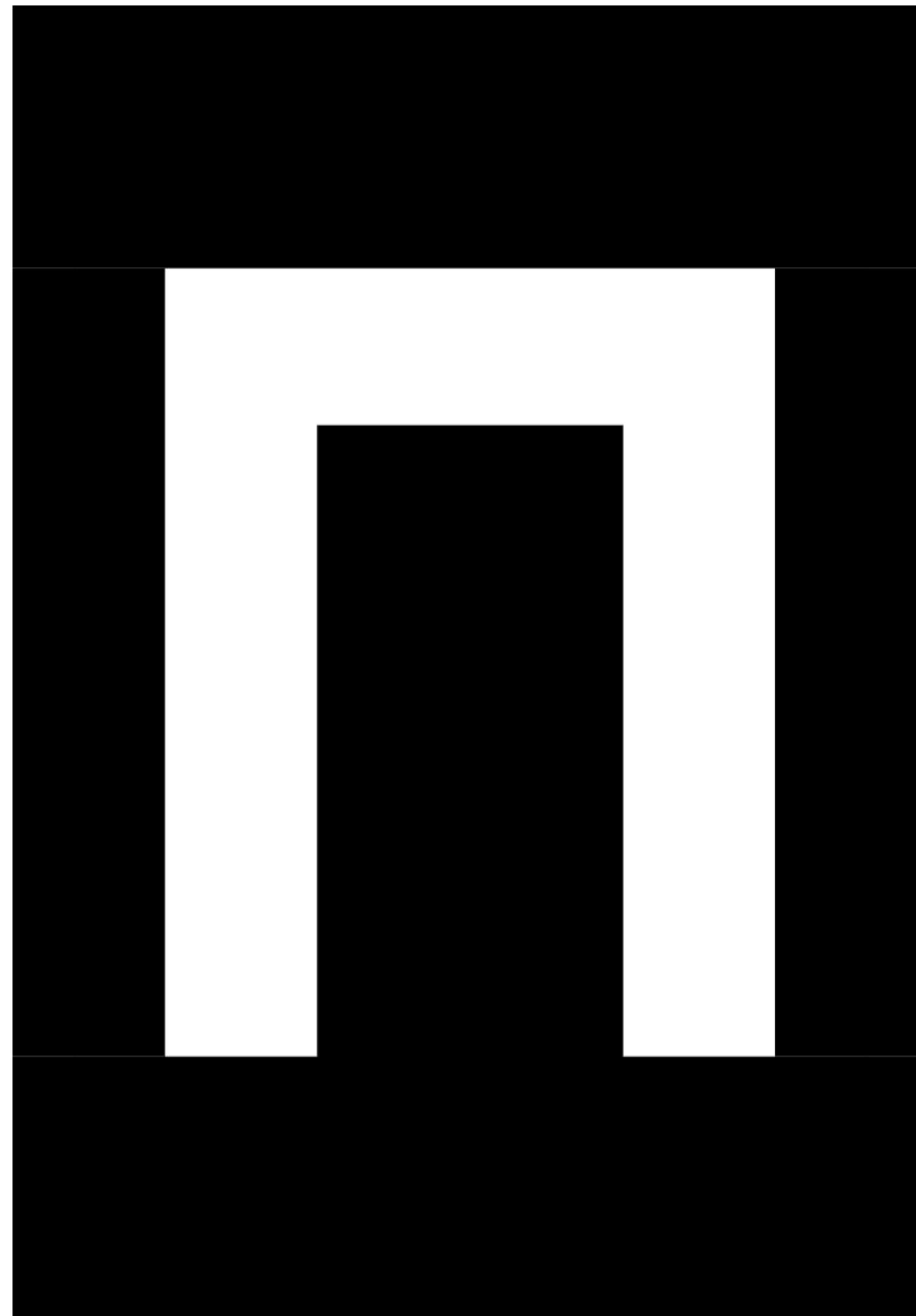
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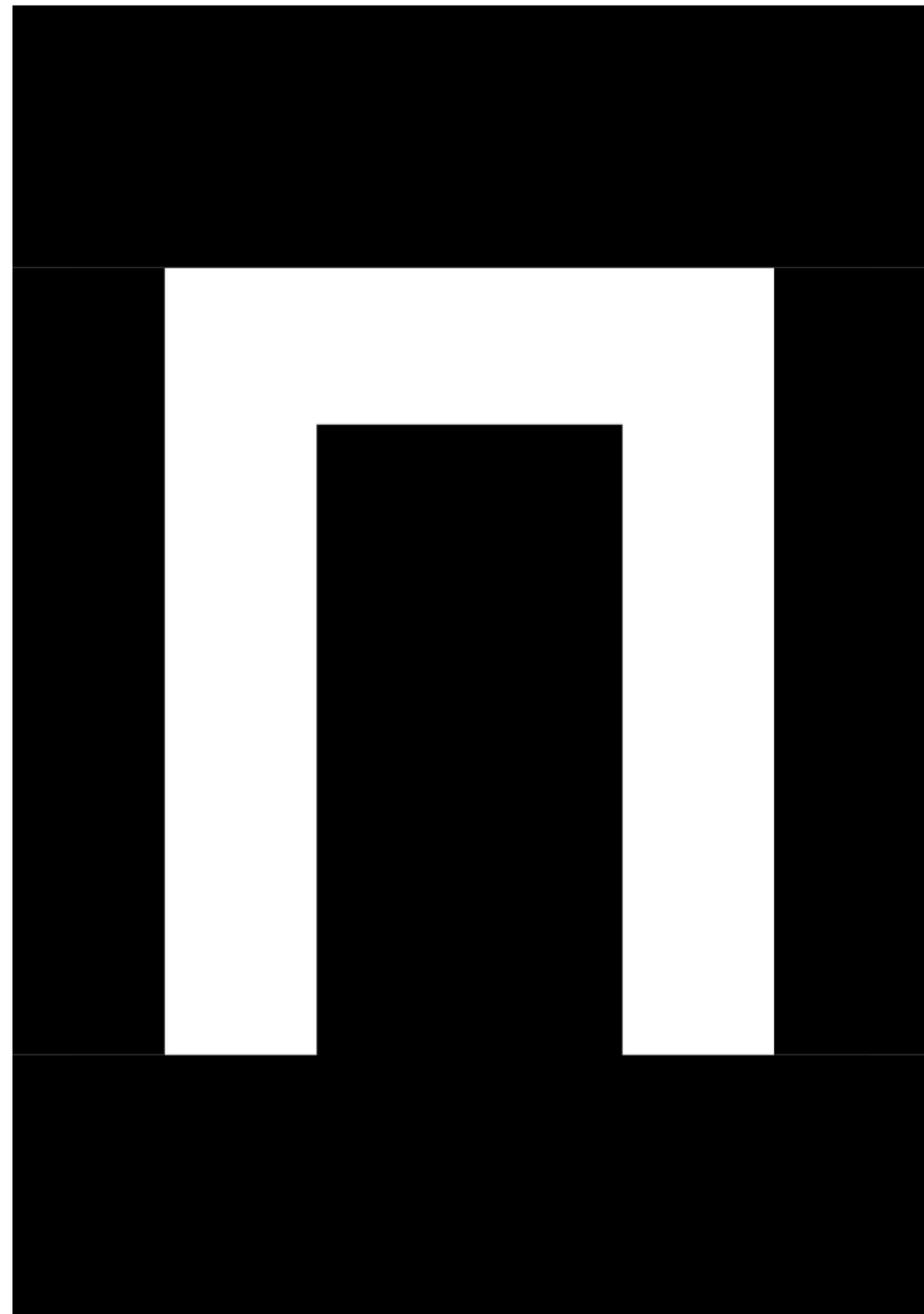
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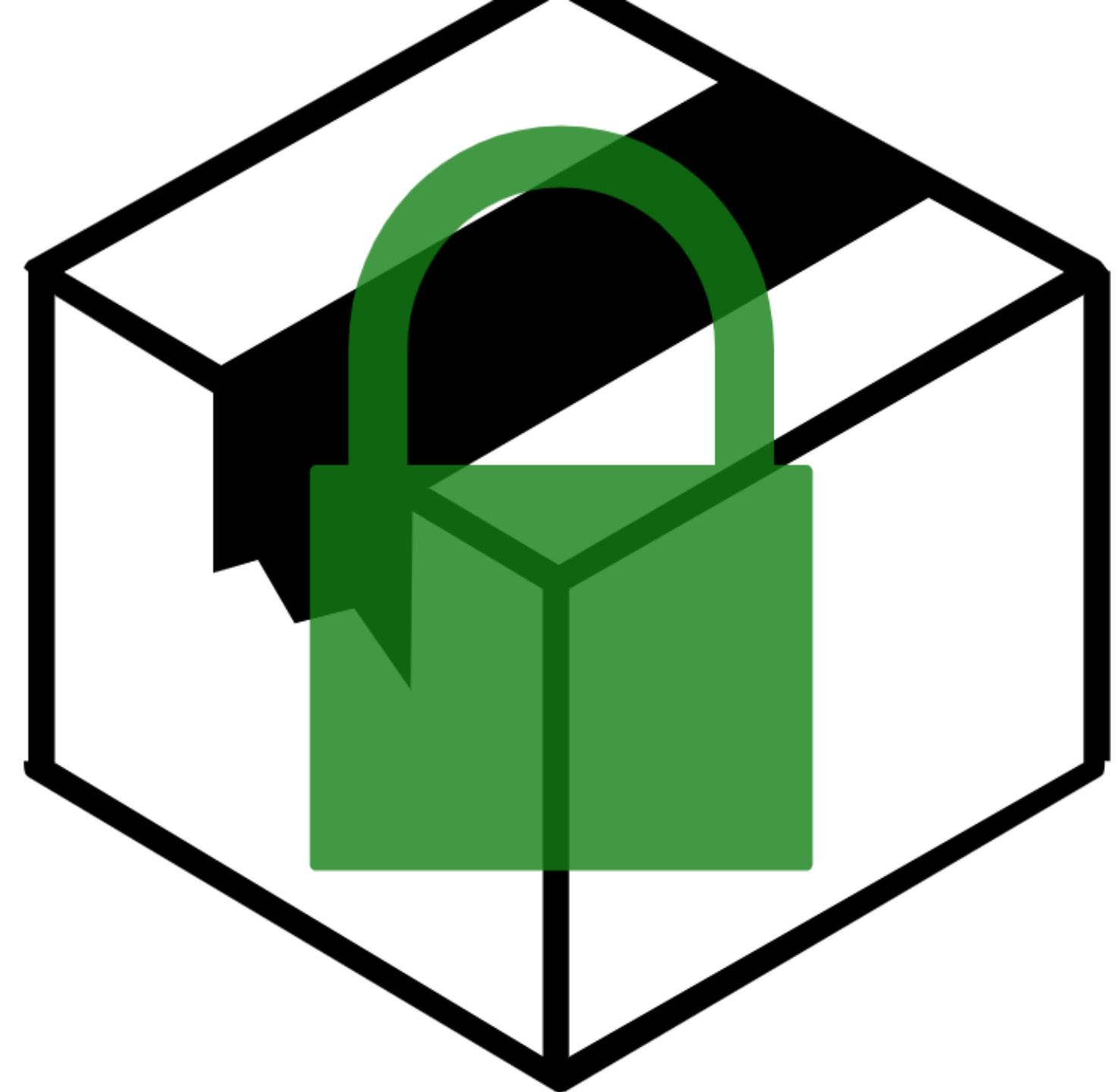
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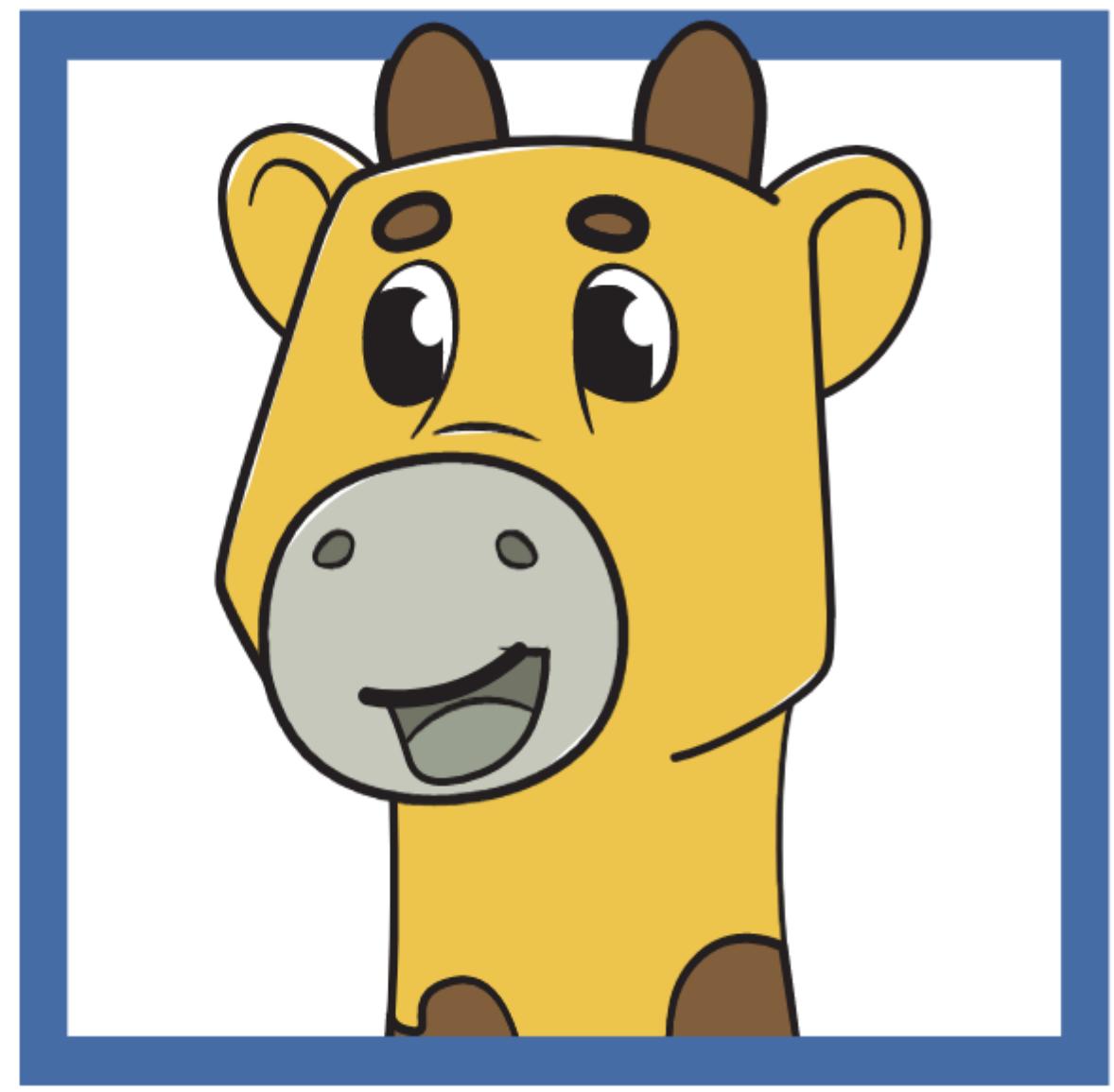


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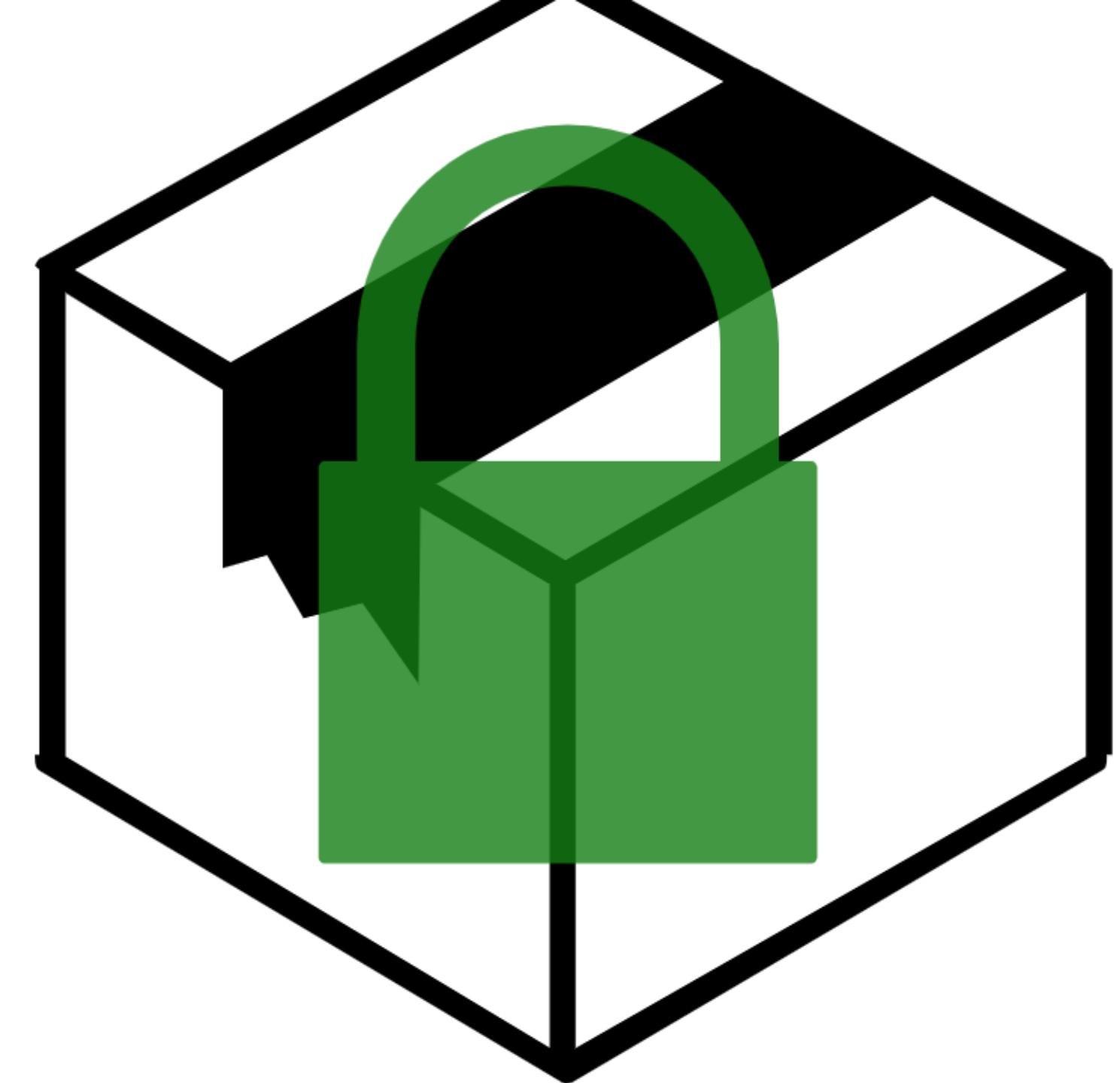
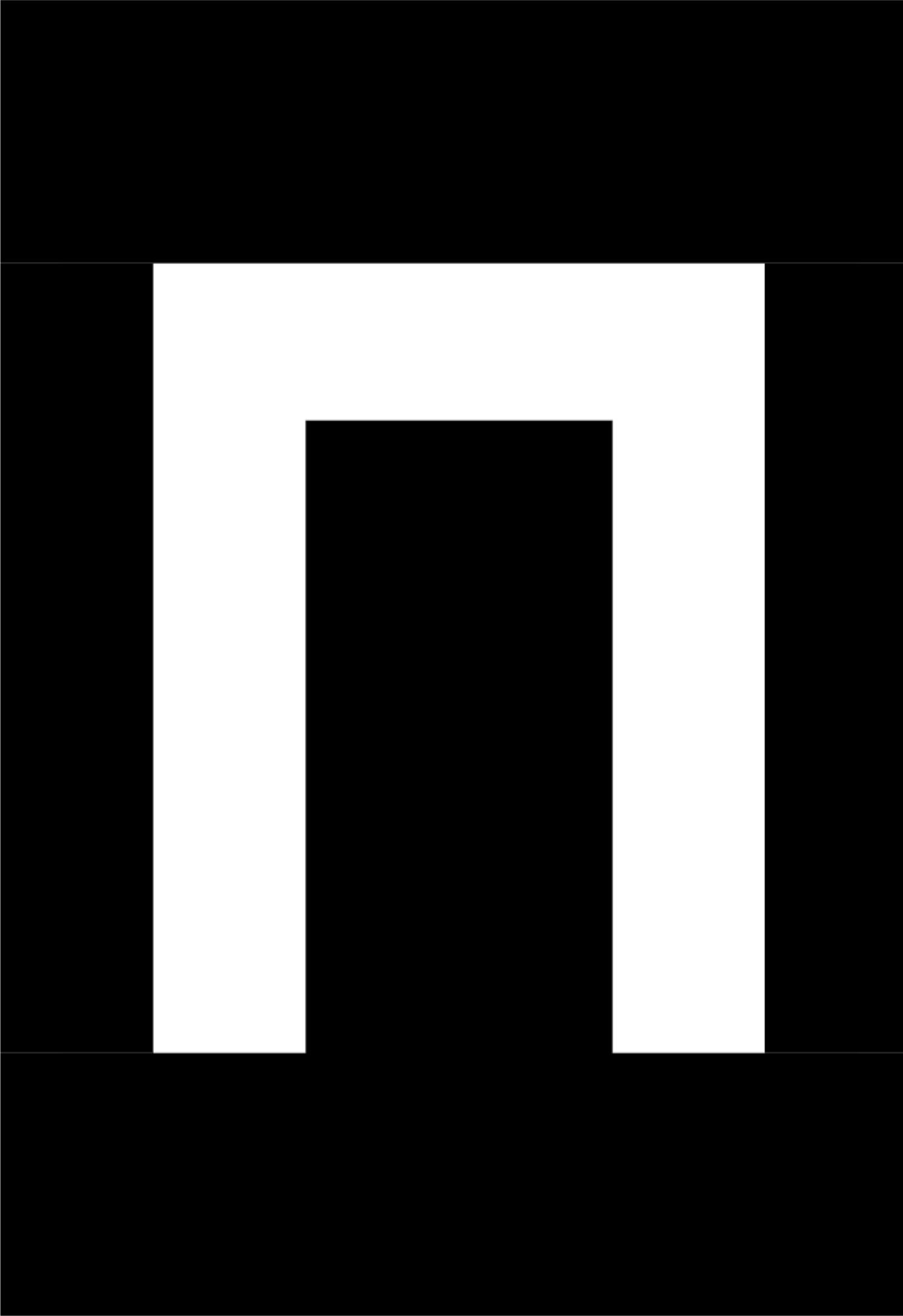


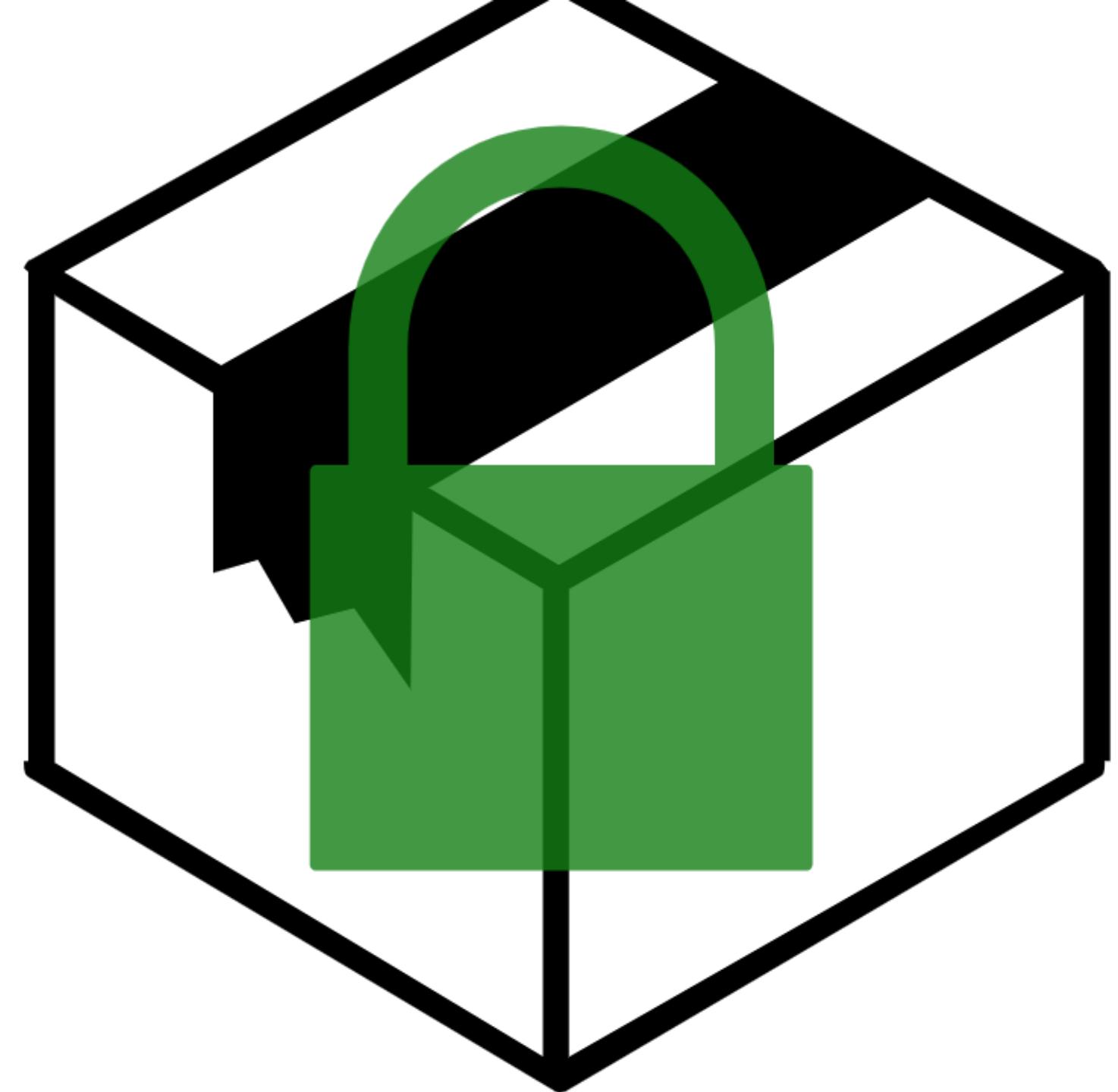
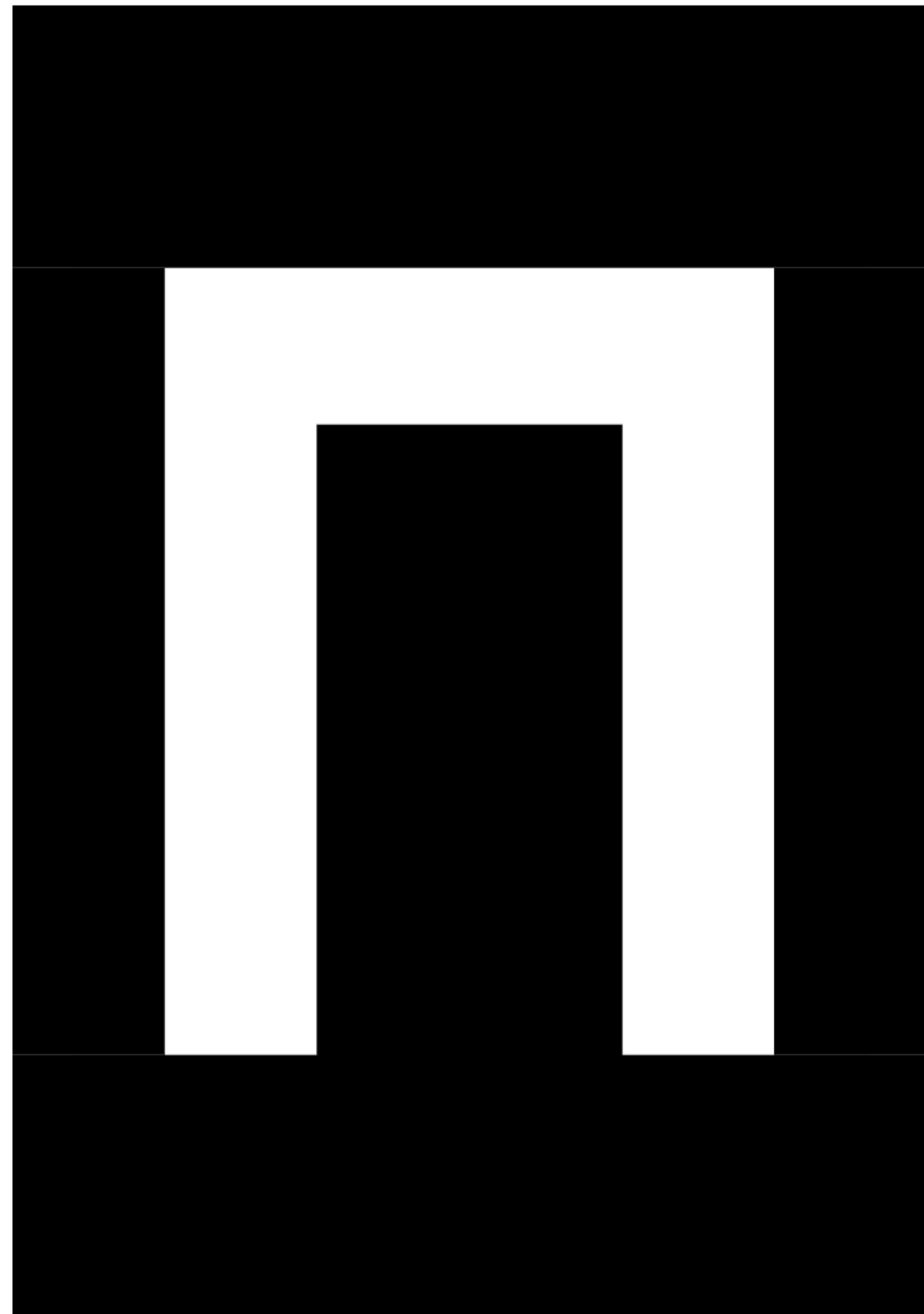
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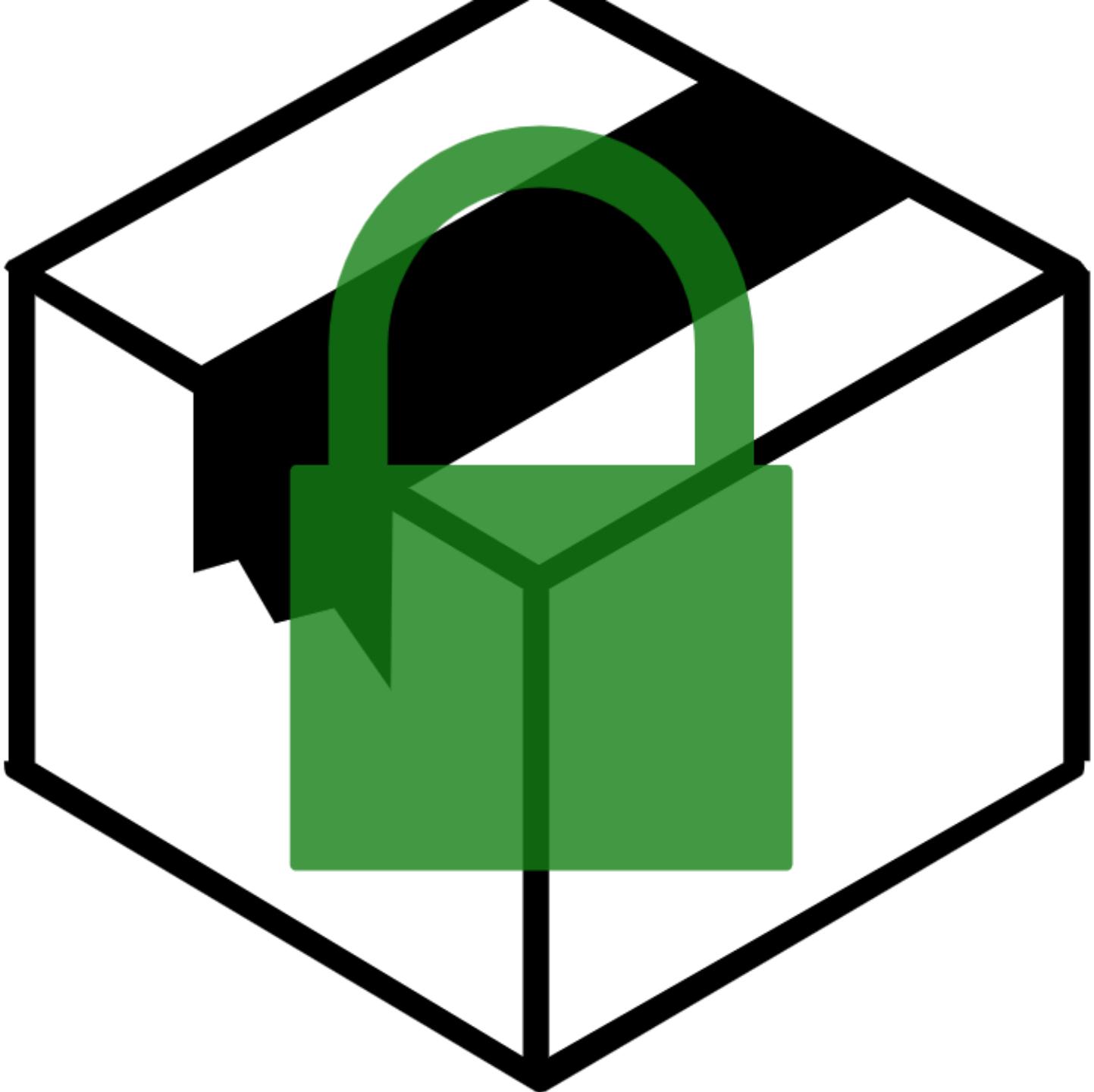
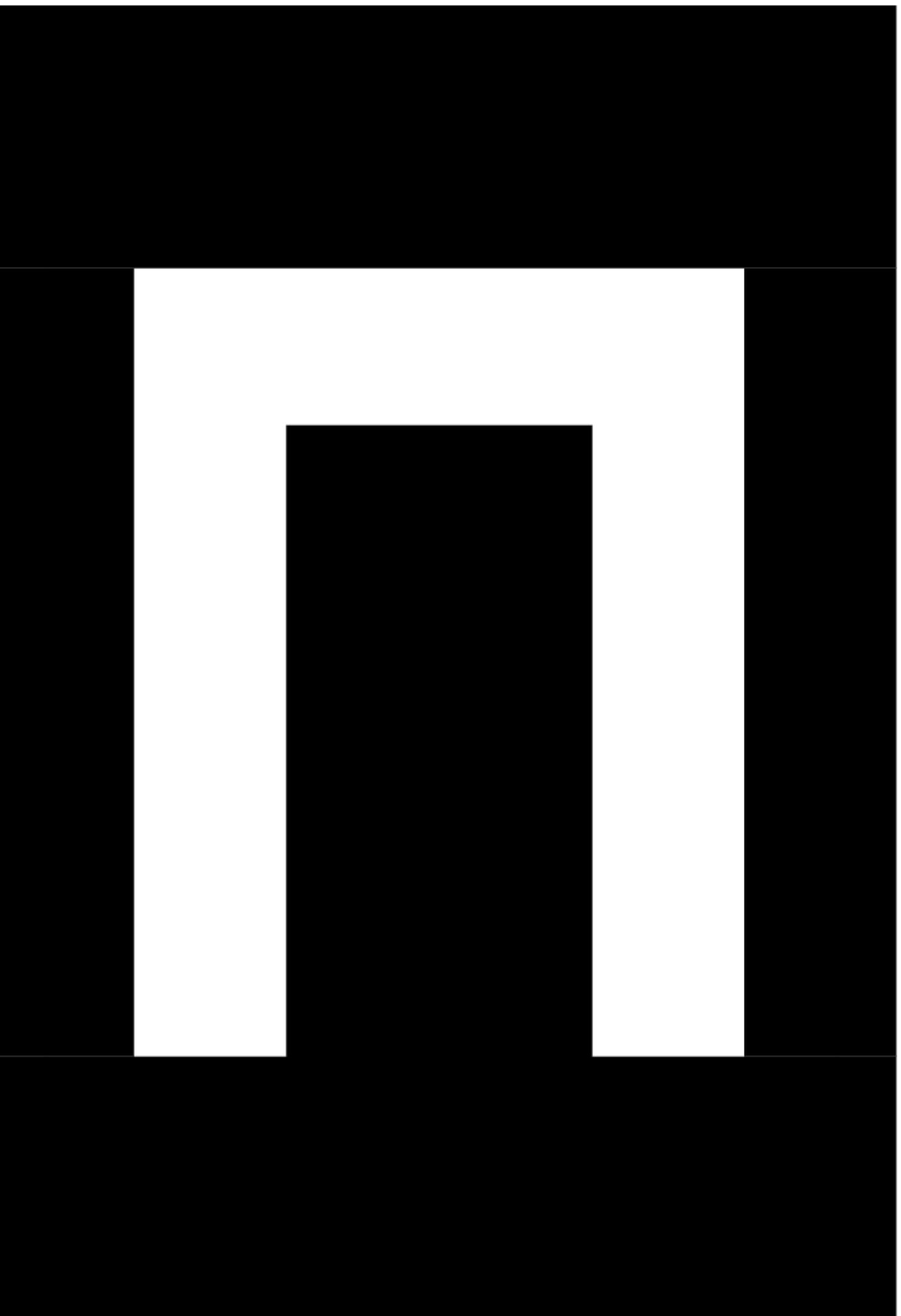
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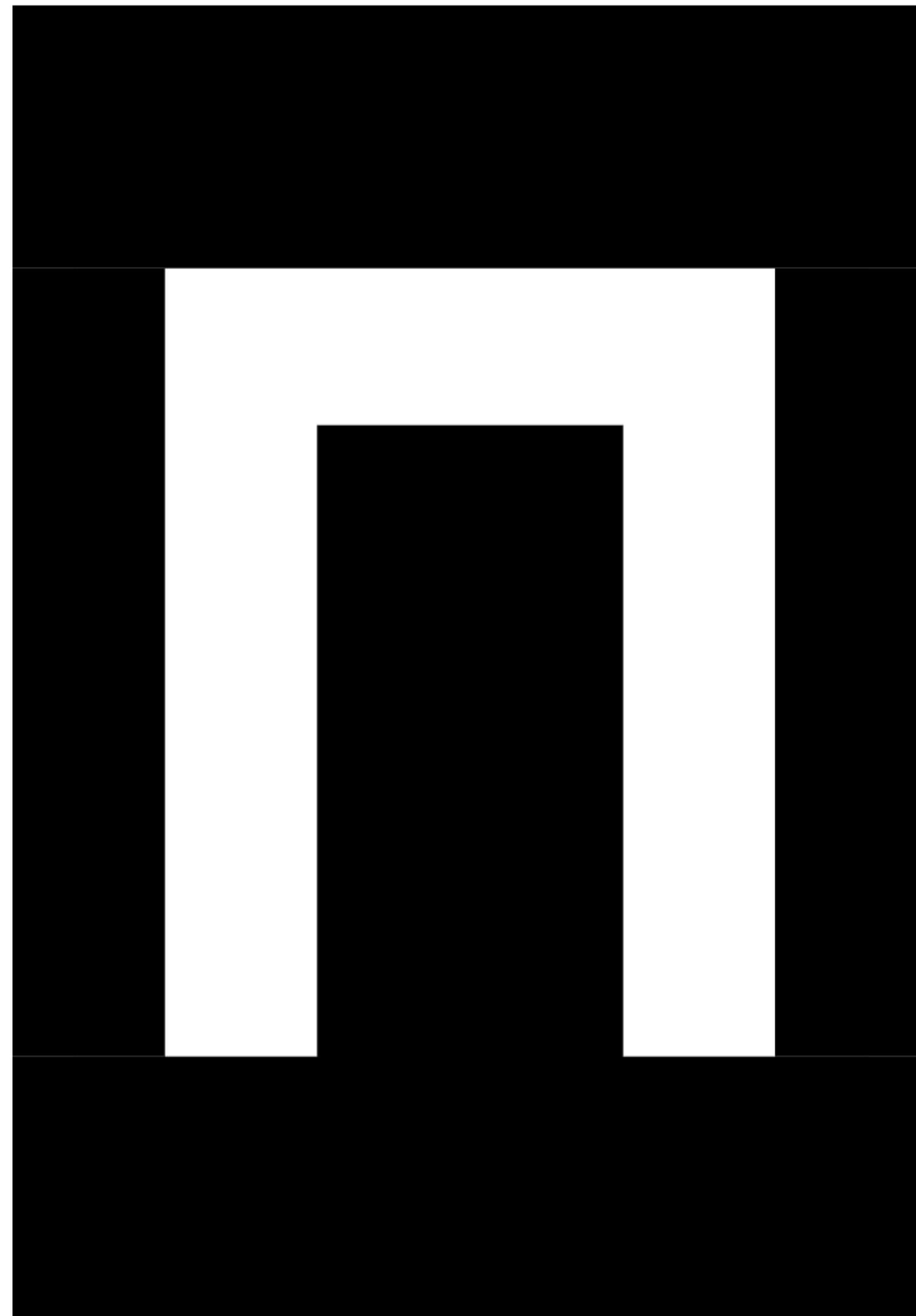




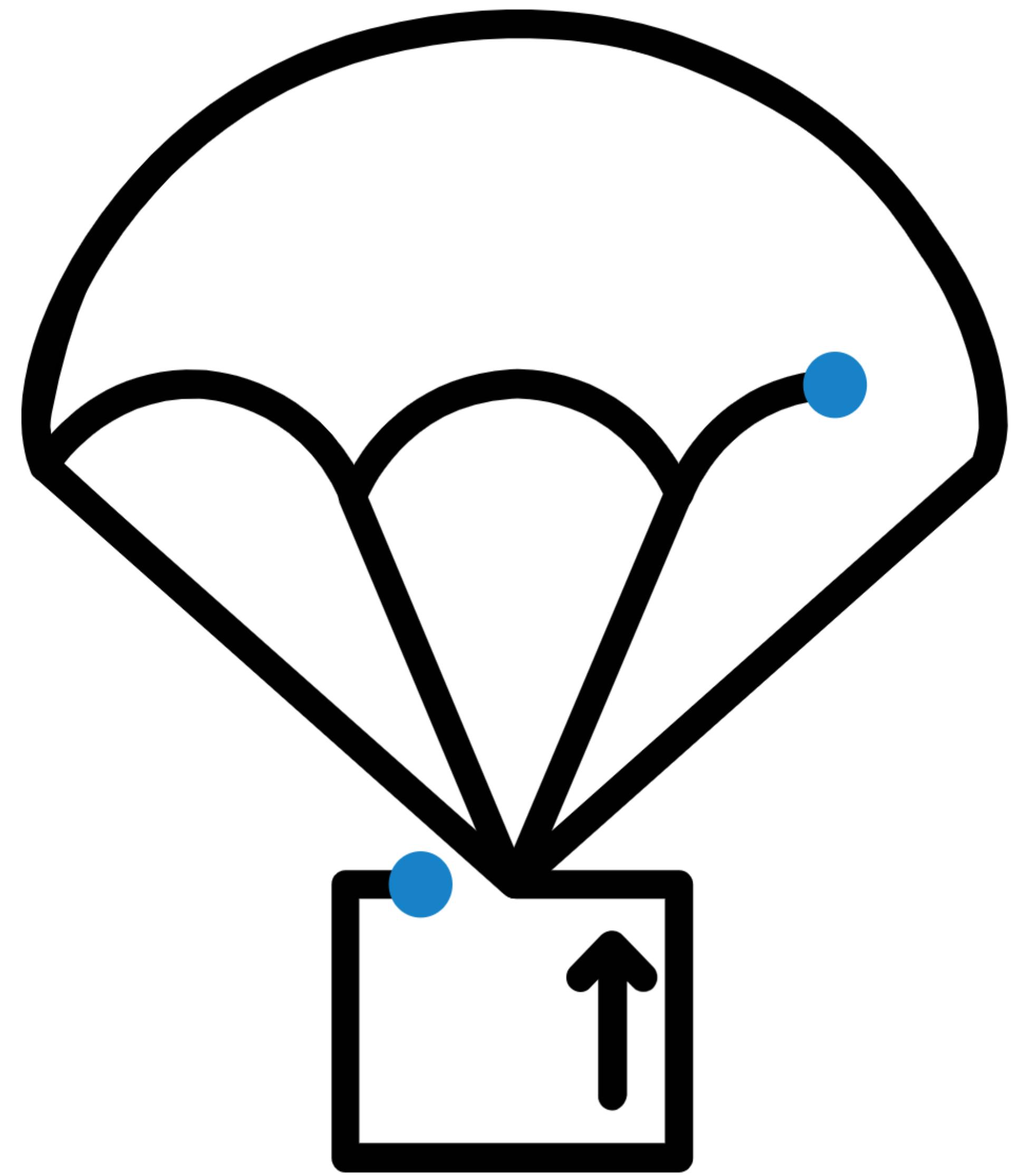
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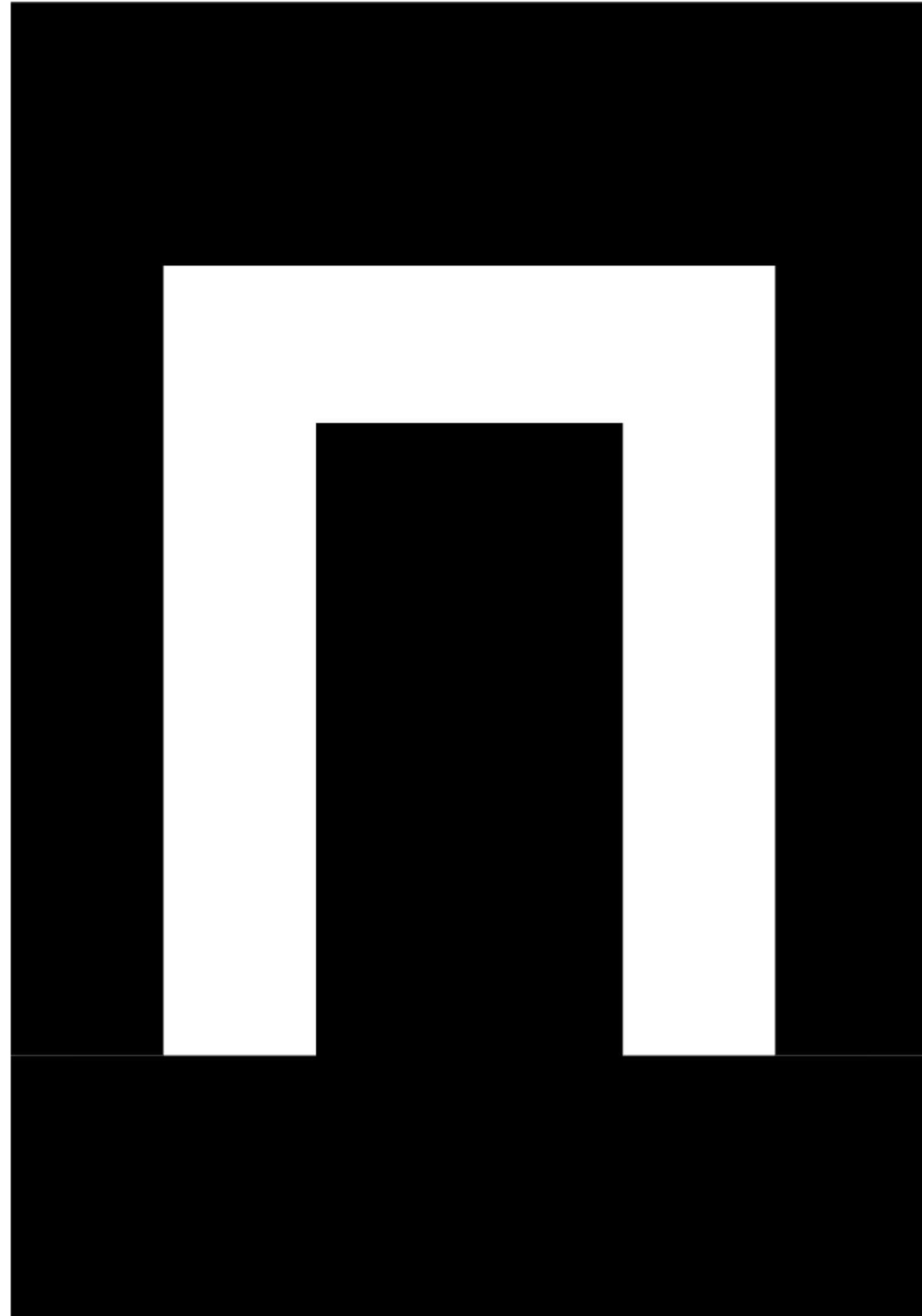




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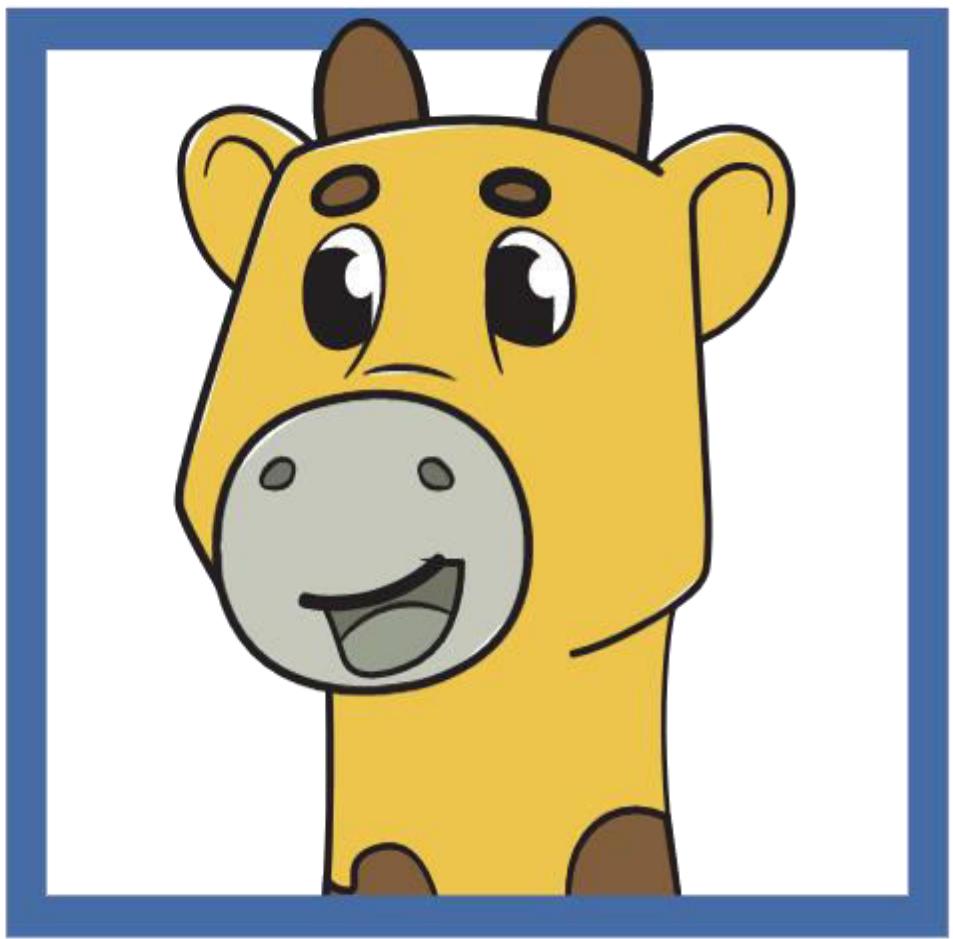


notary



HARBOR













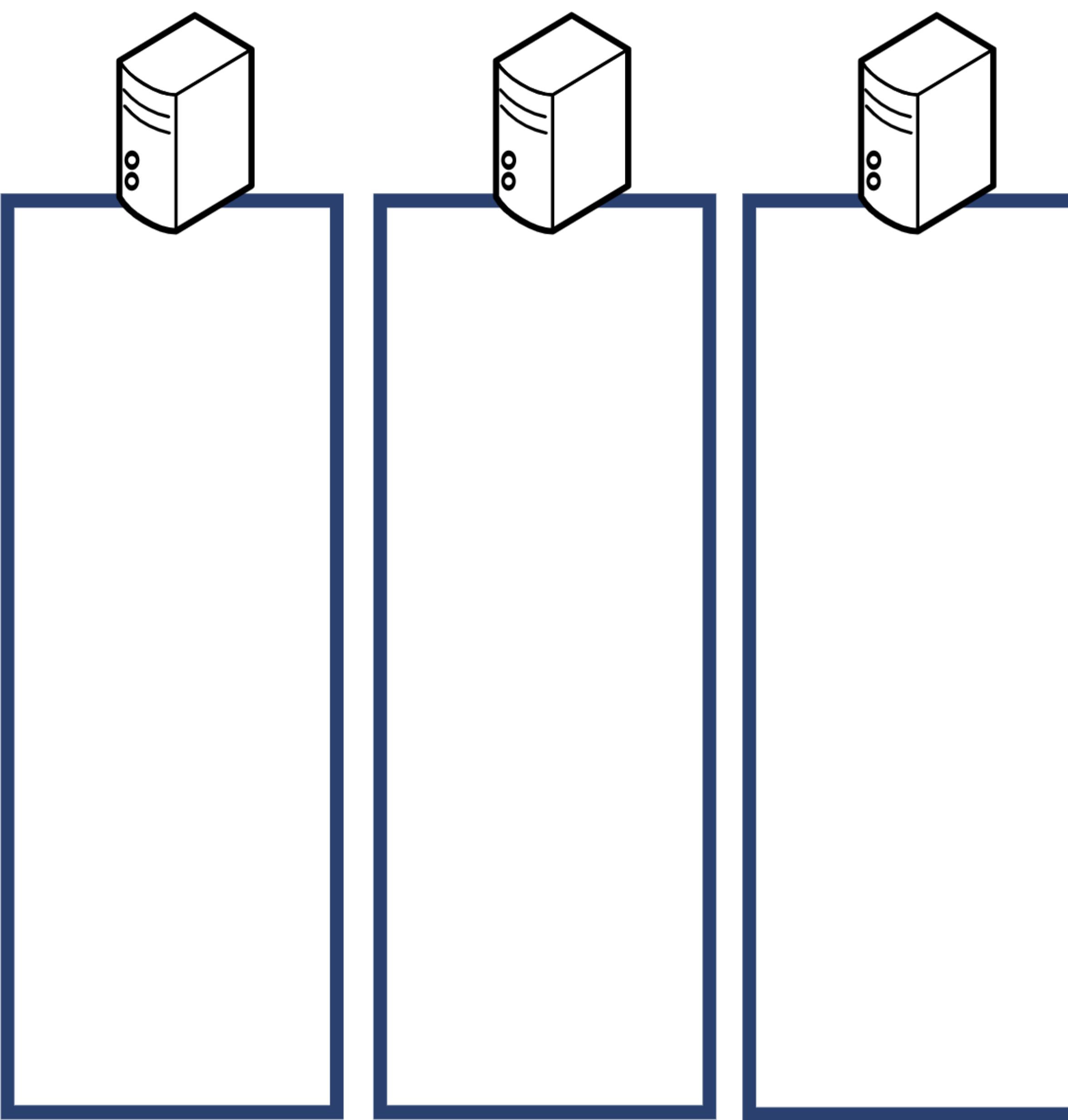


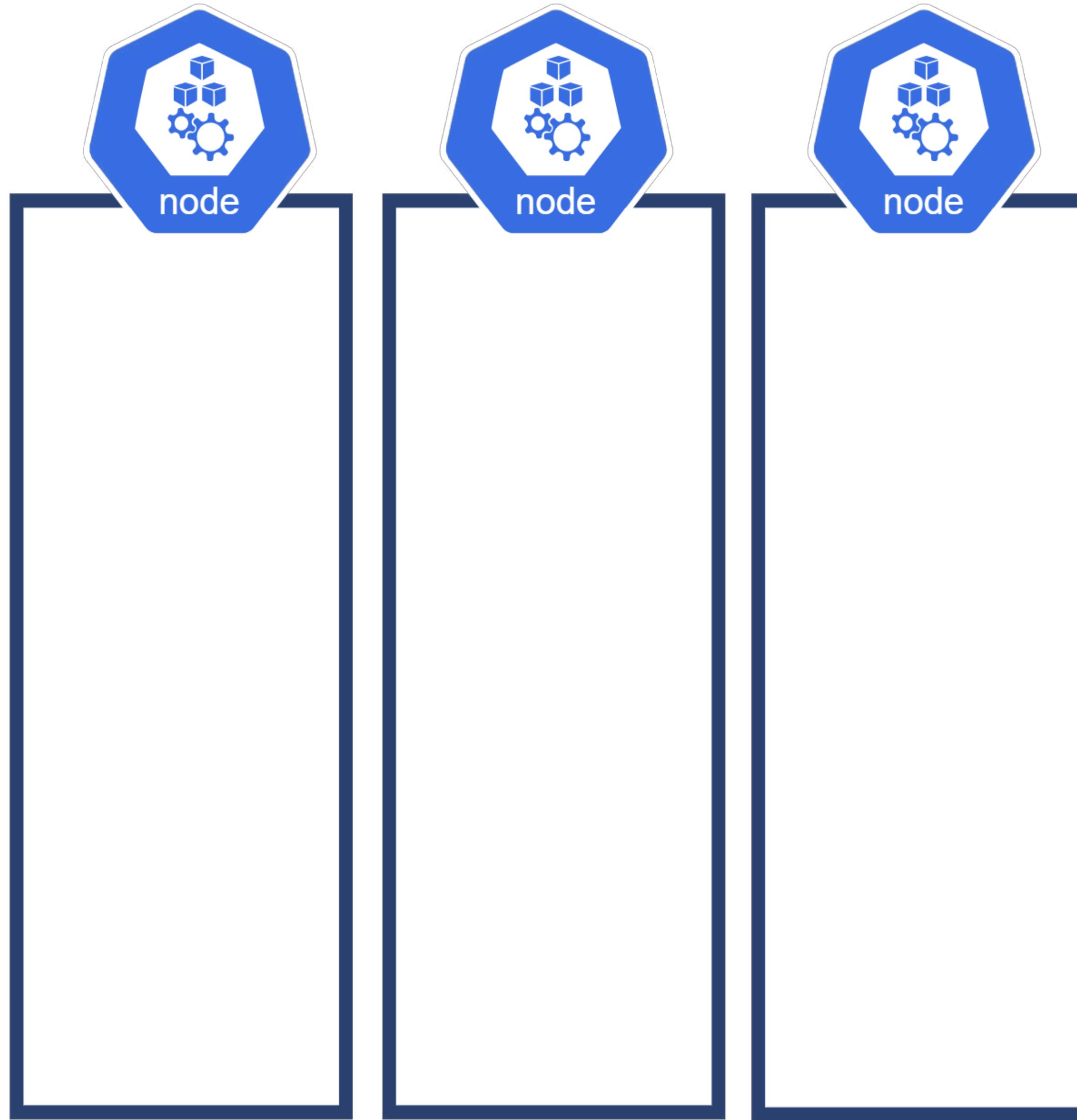


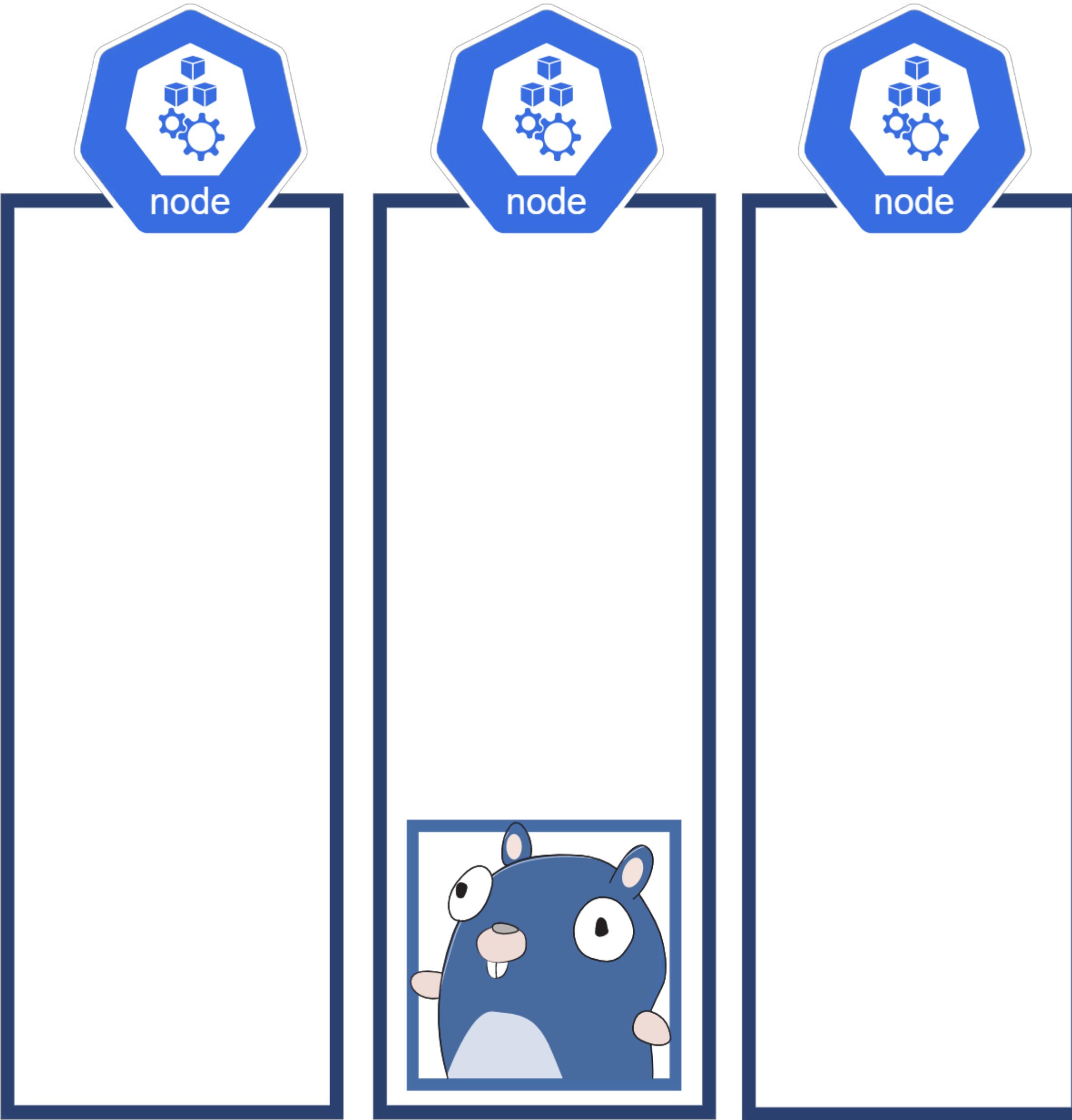
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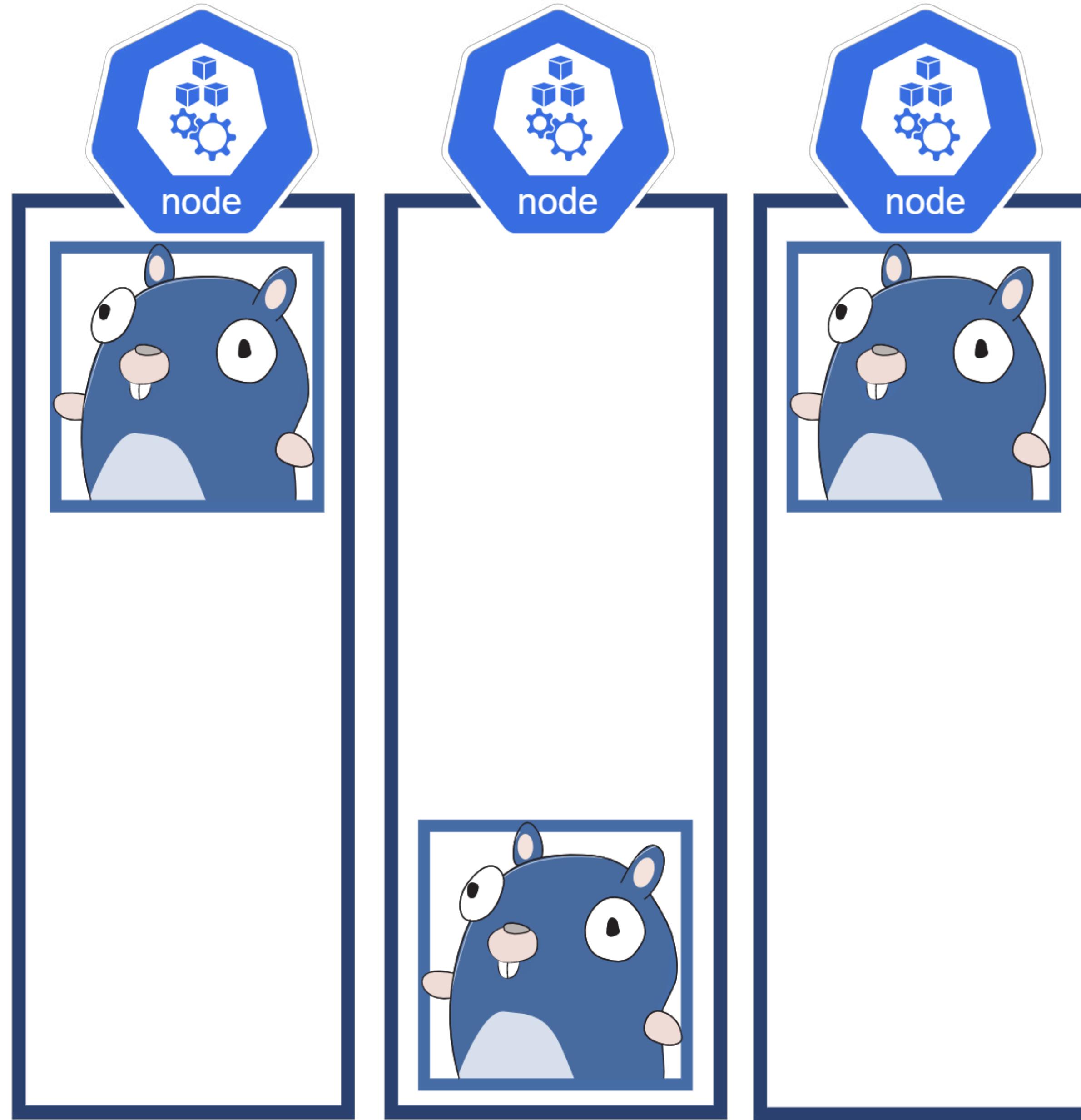


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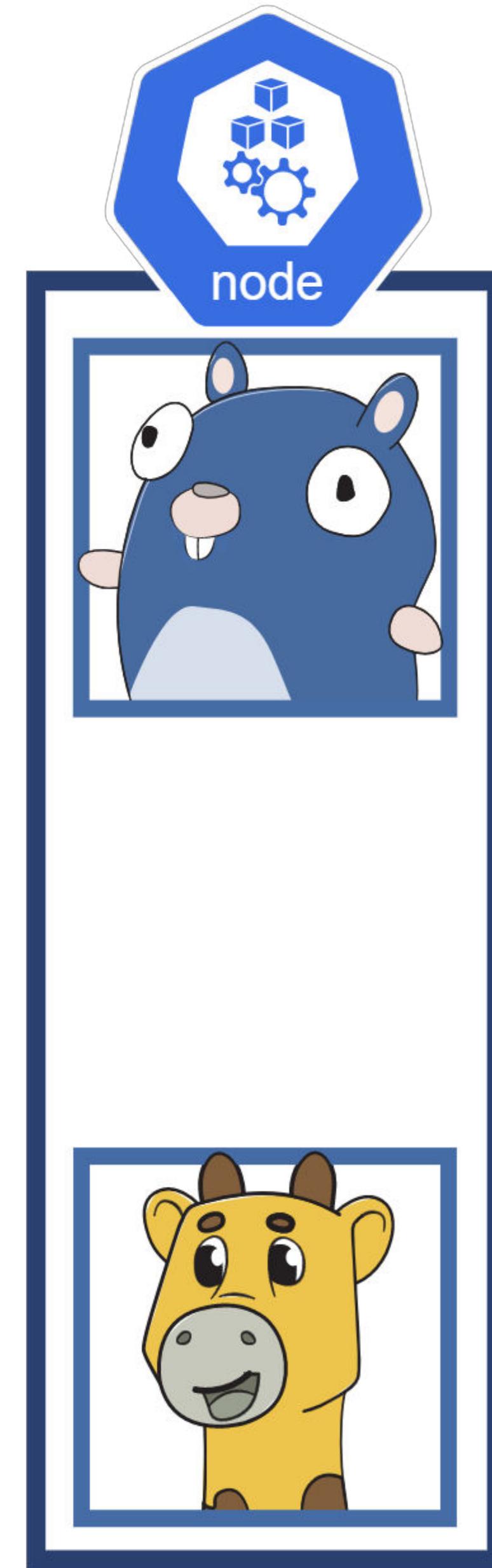
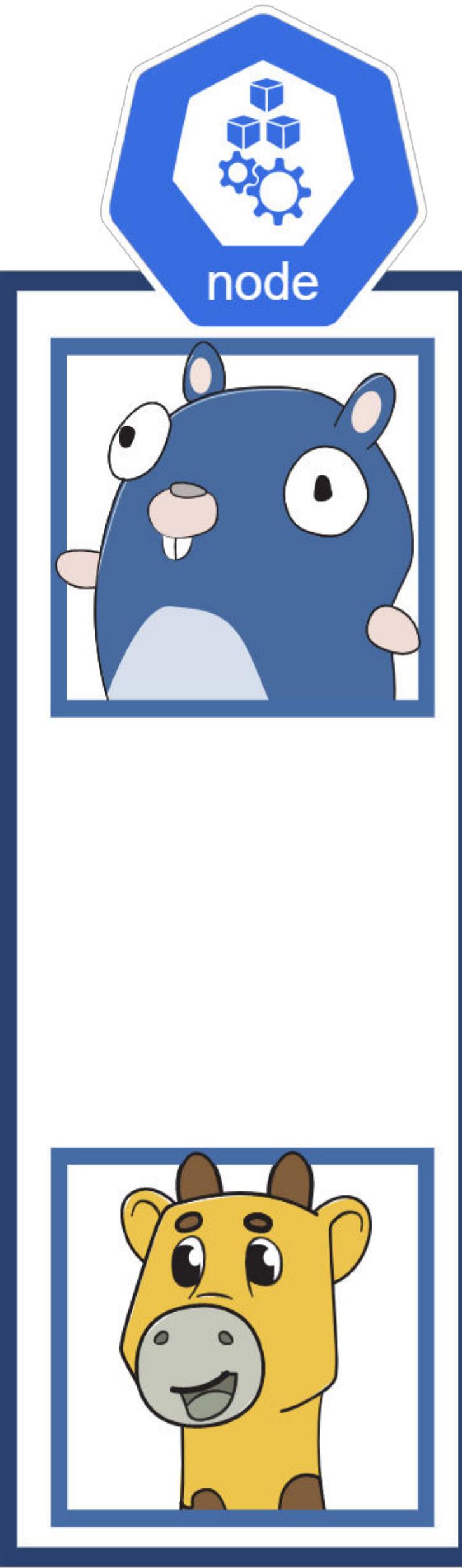


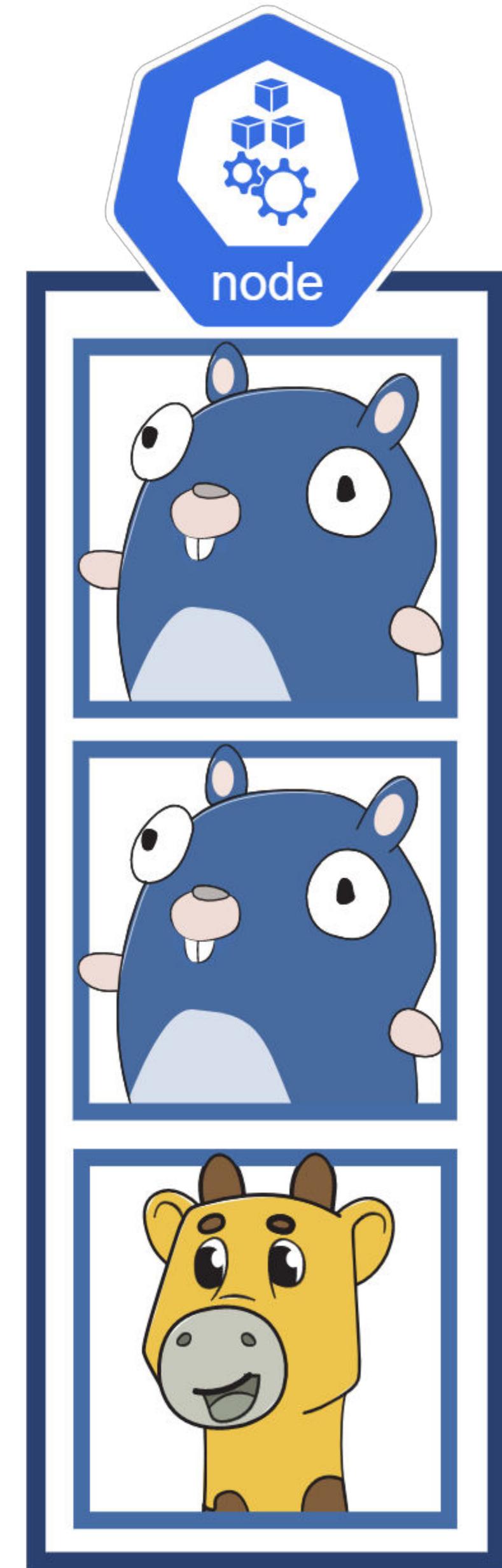
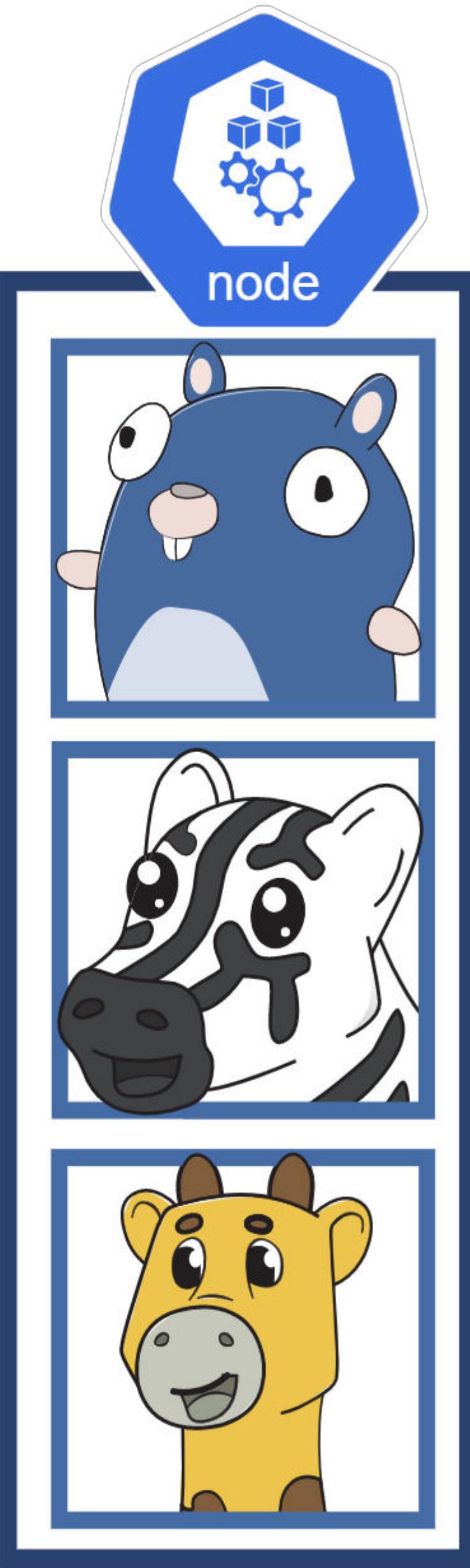


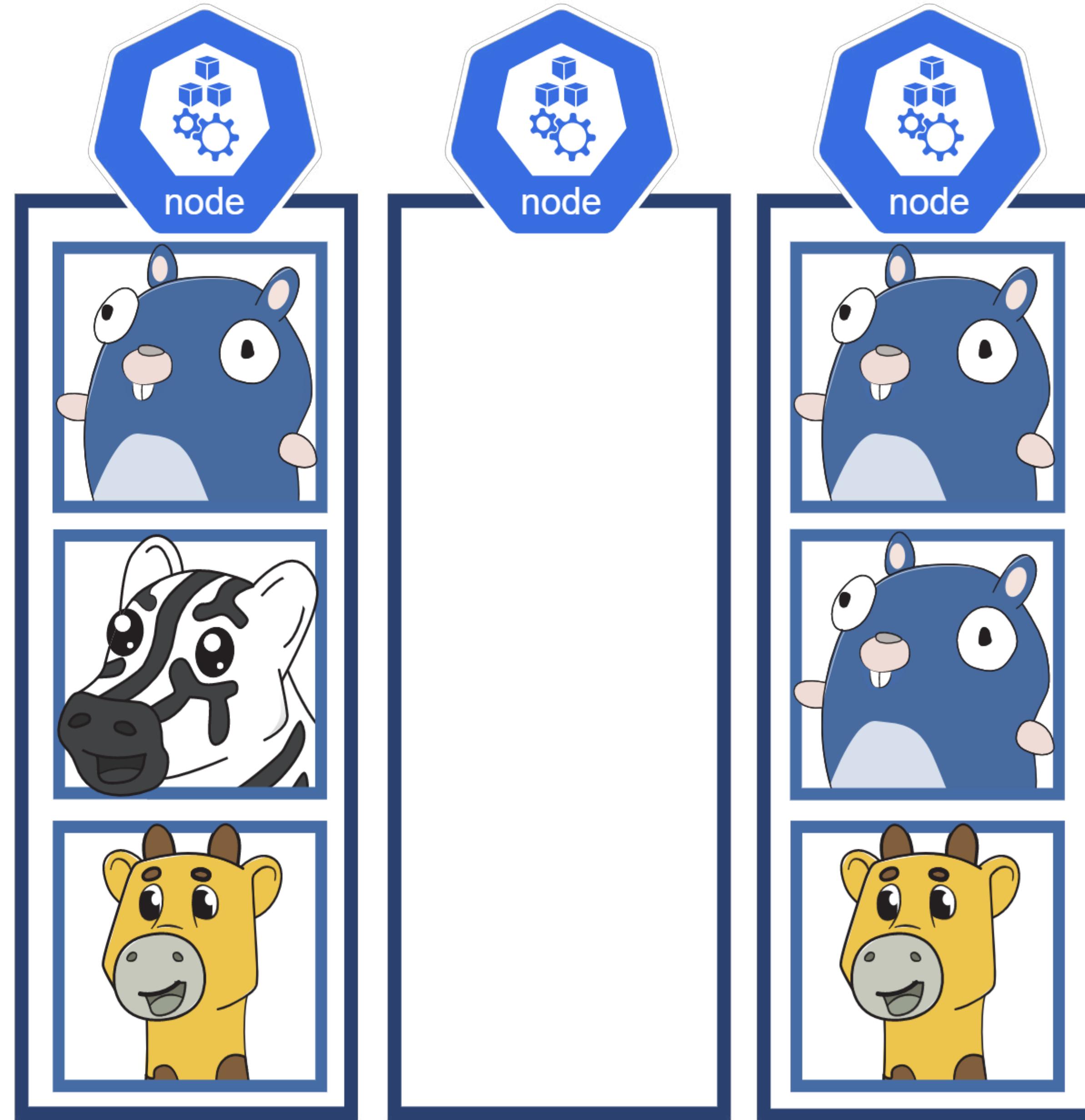




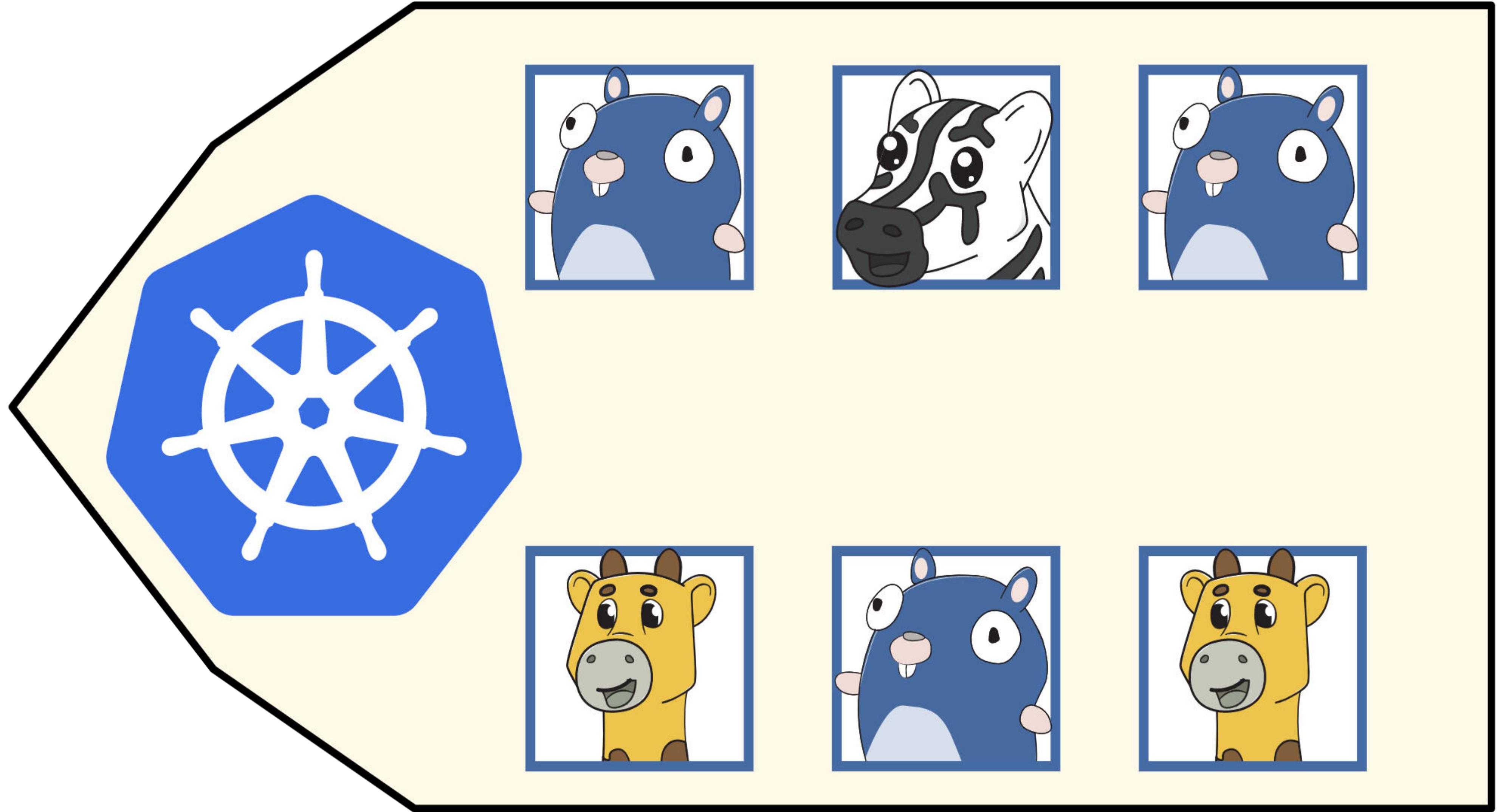


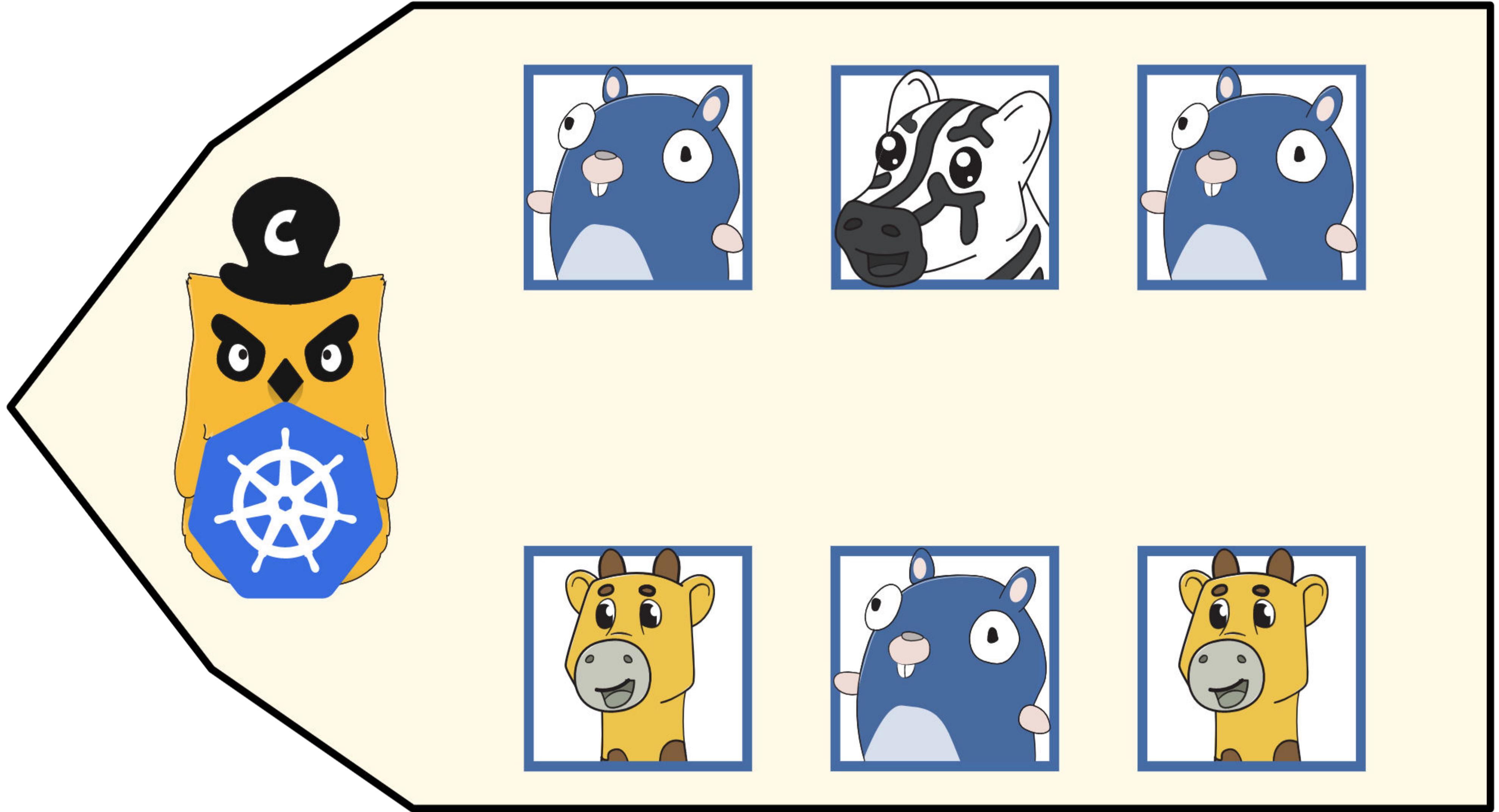


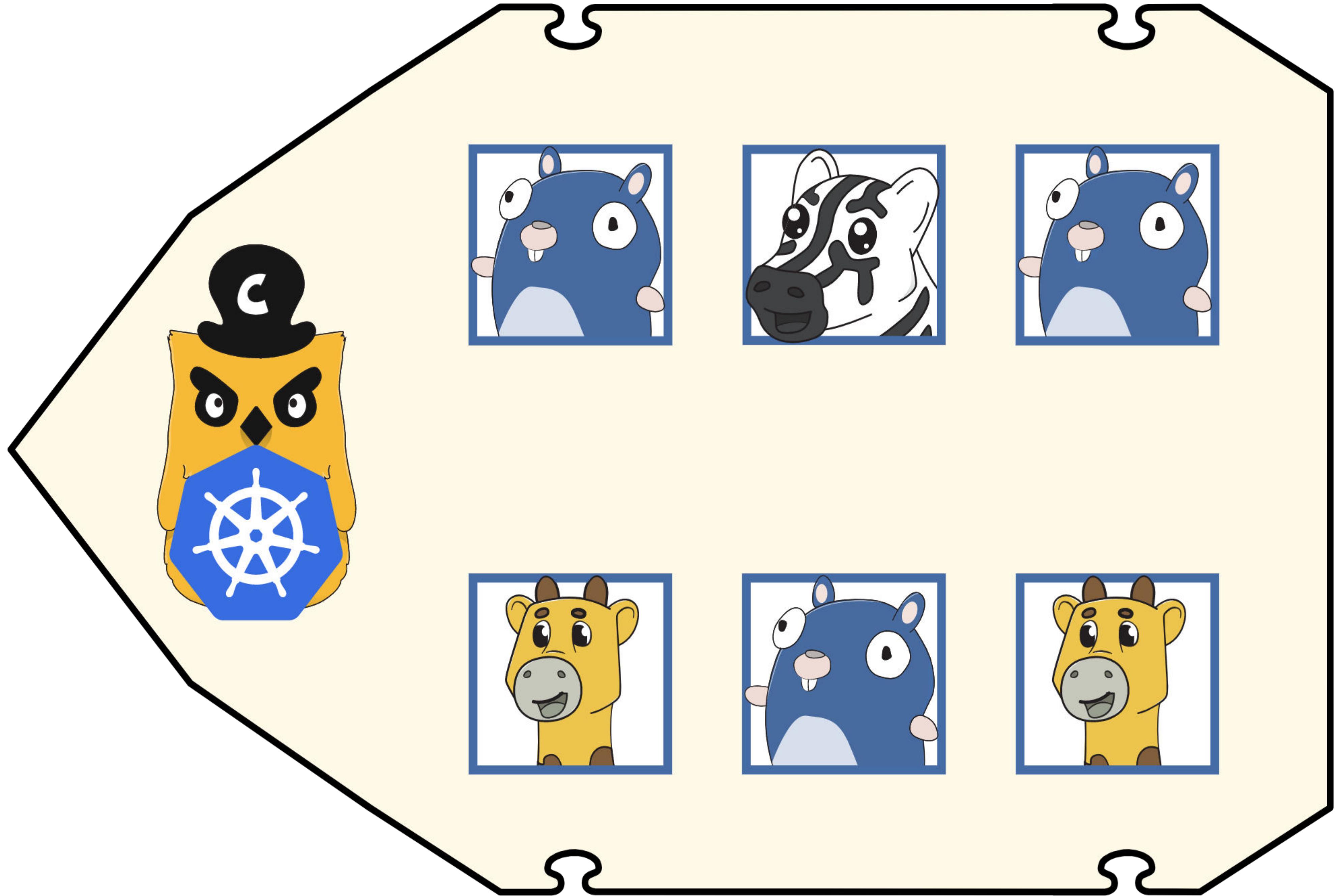


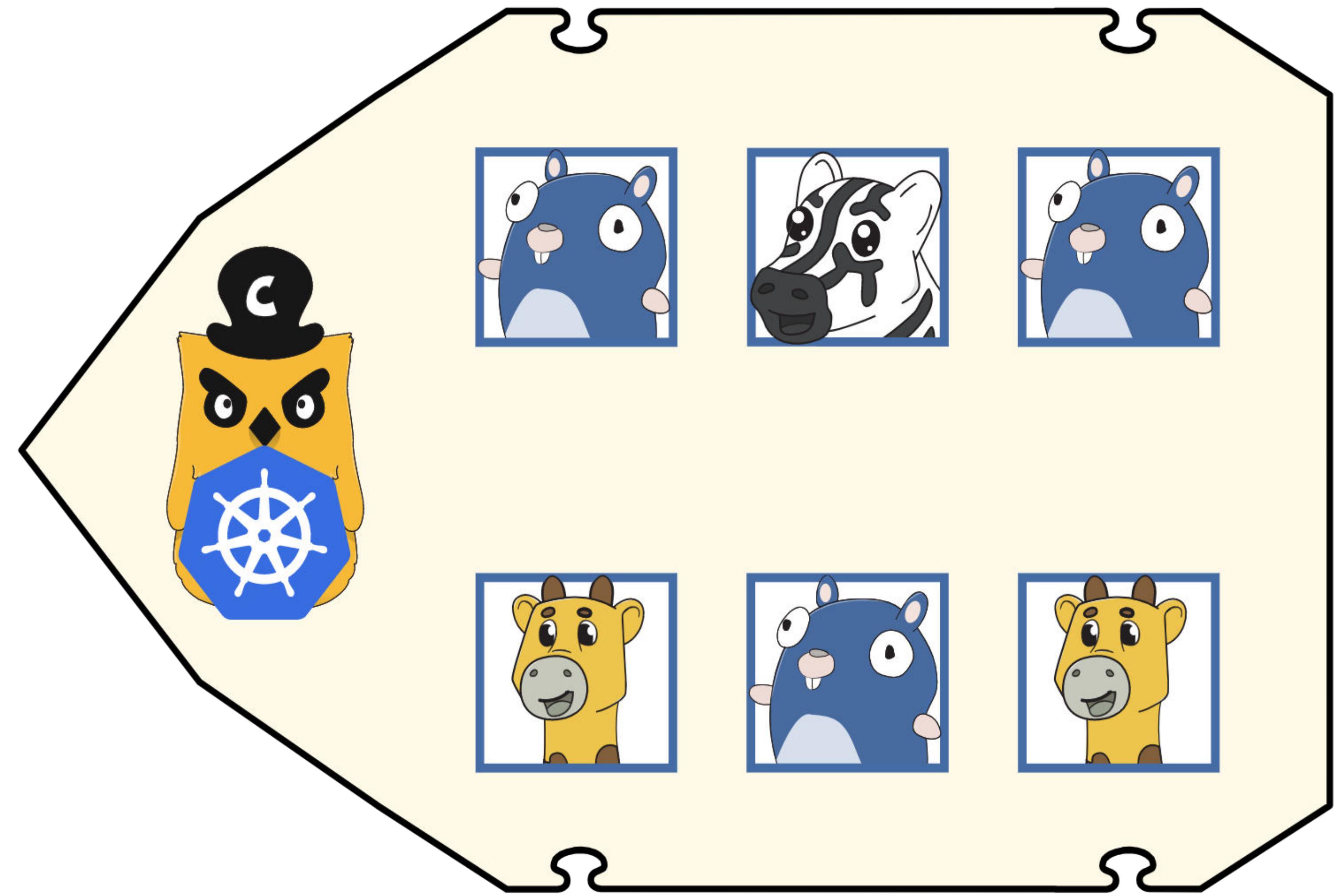




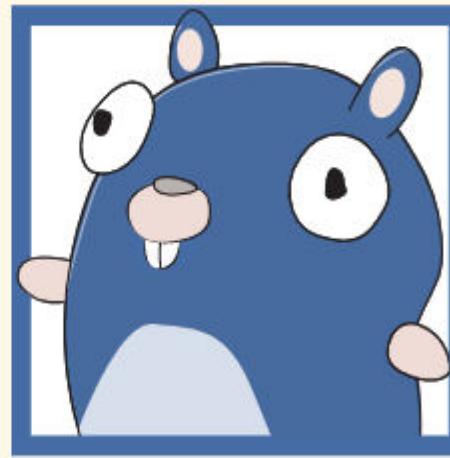
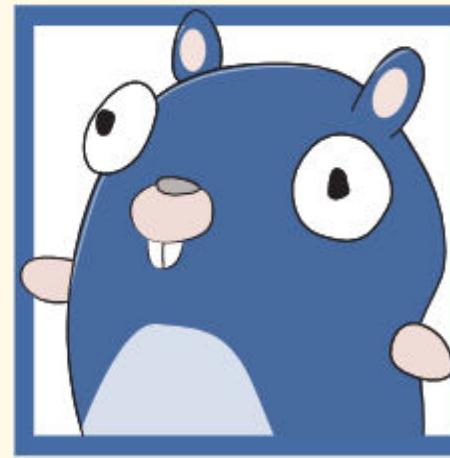






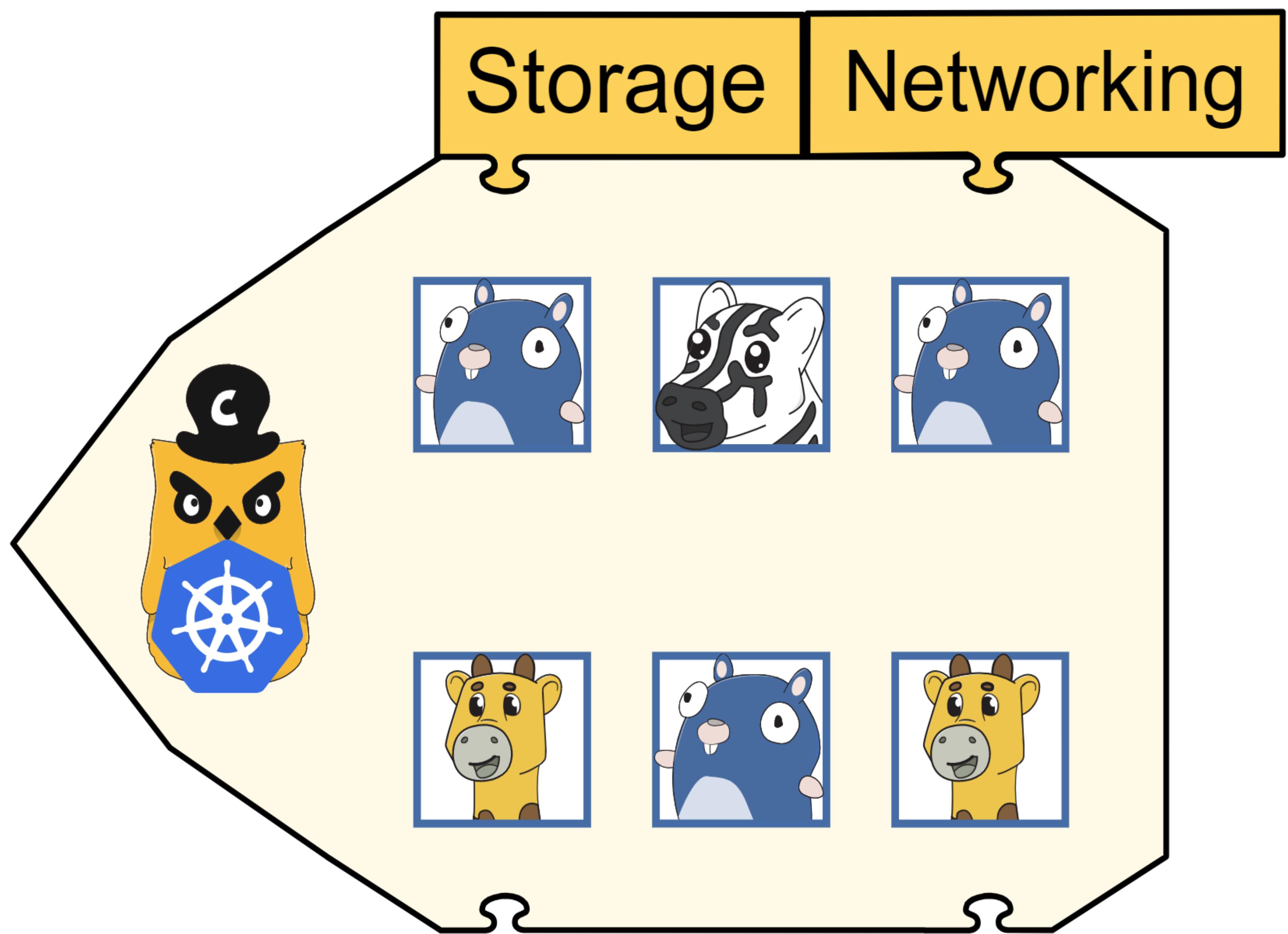


Storage



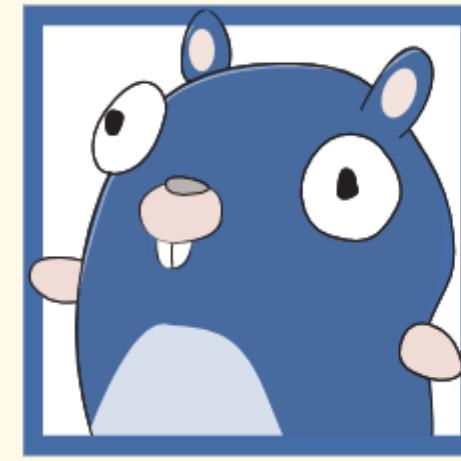
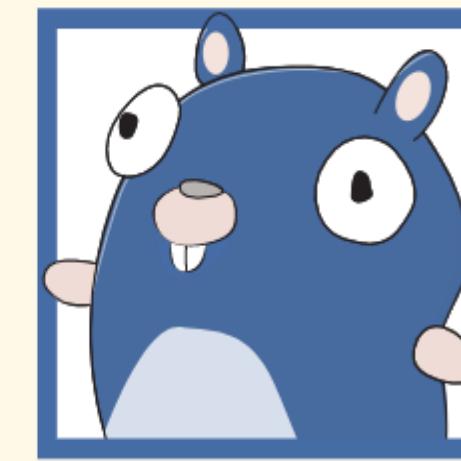
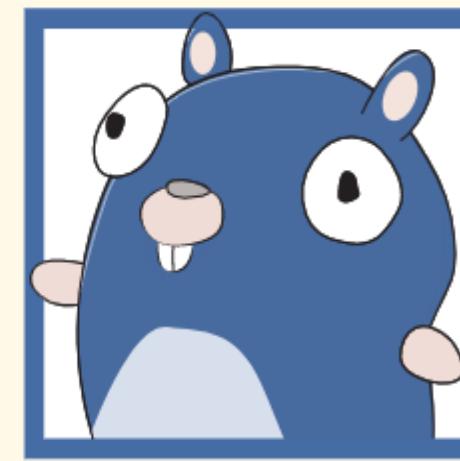
Storage

Networking



Storage

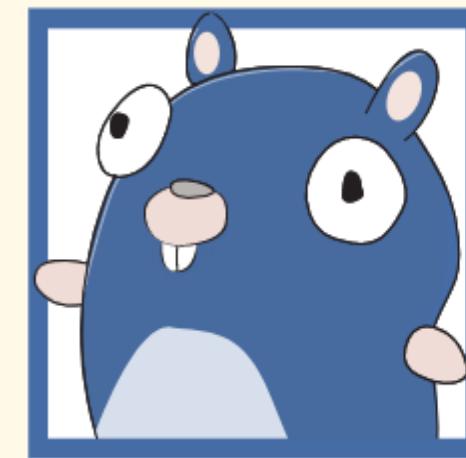
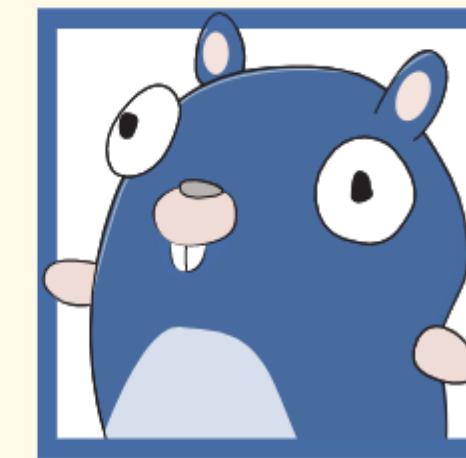
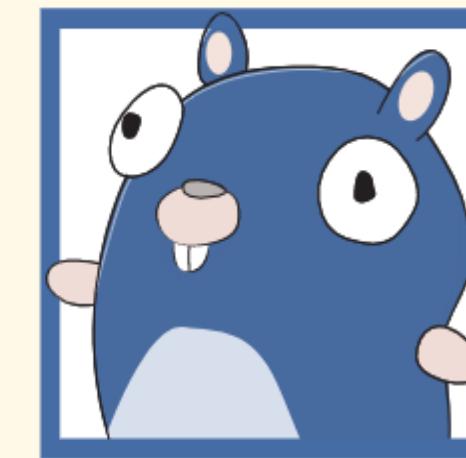
Networking



Resources

Storage

Networking



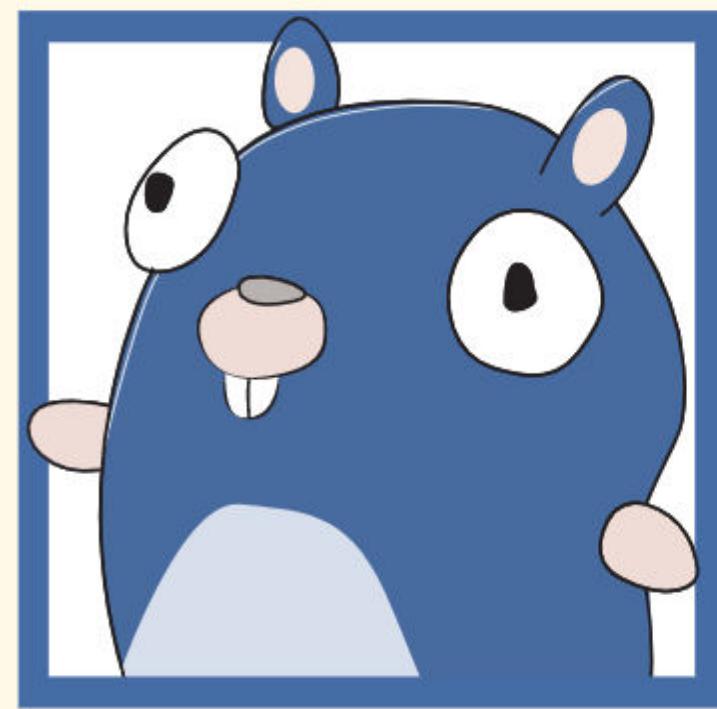
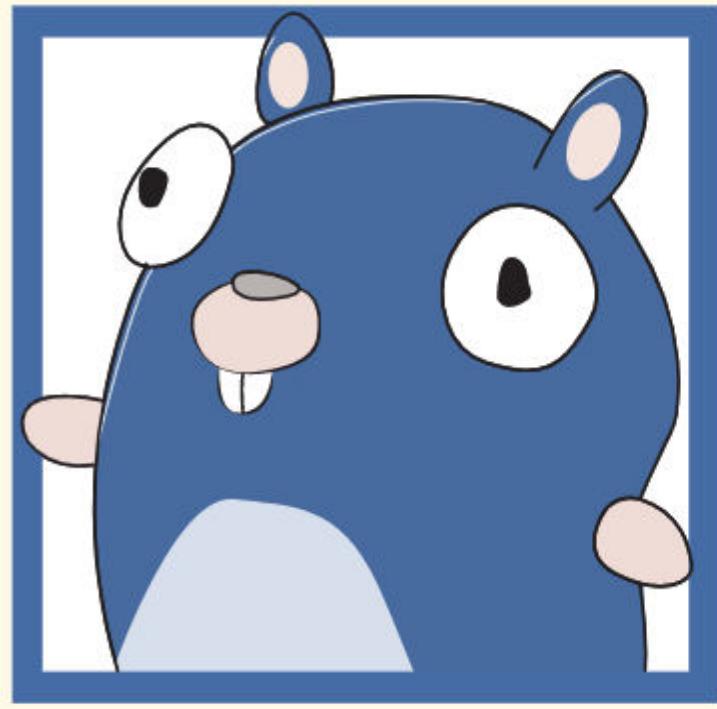
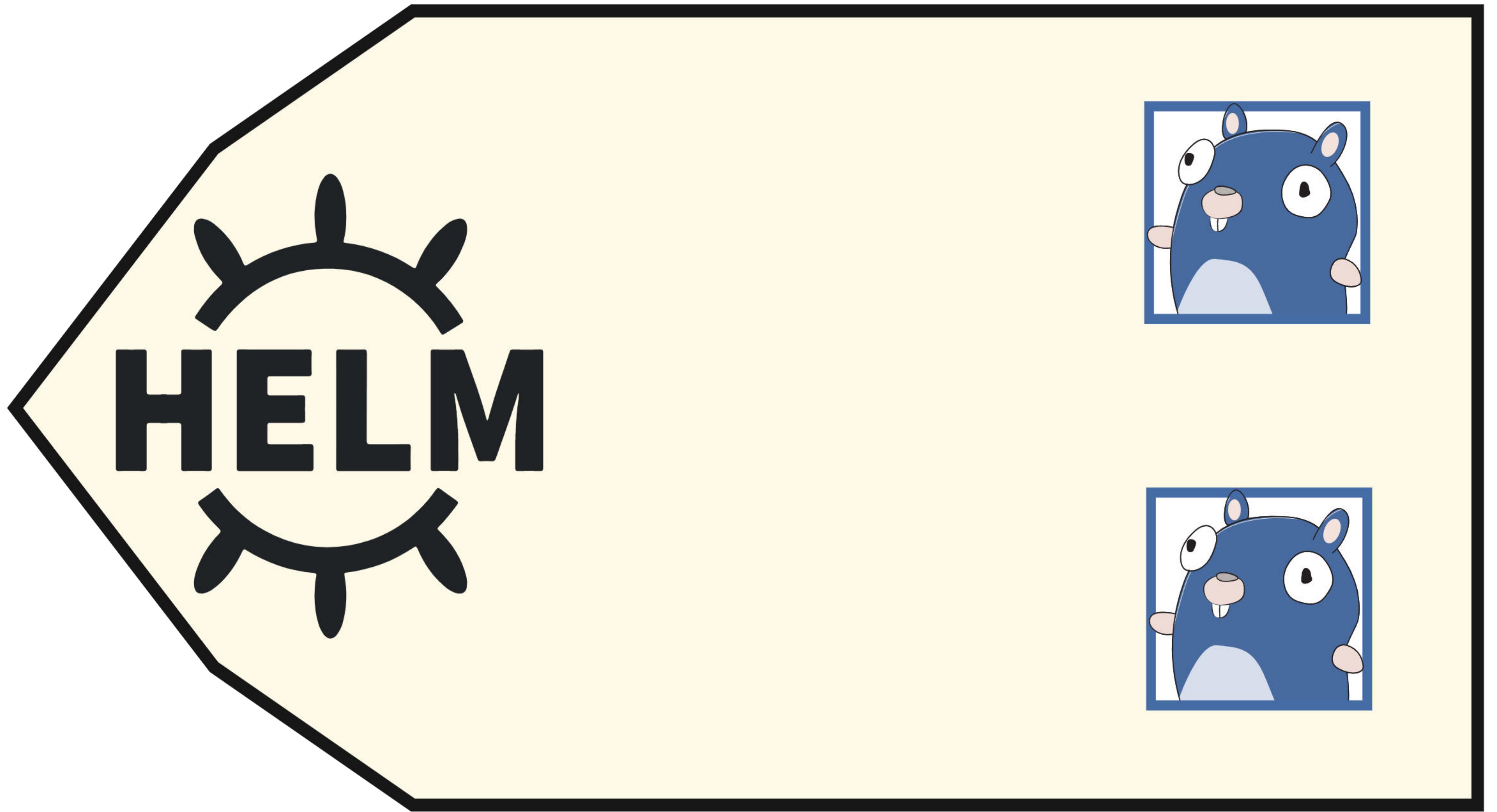
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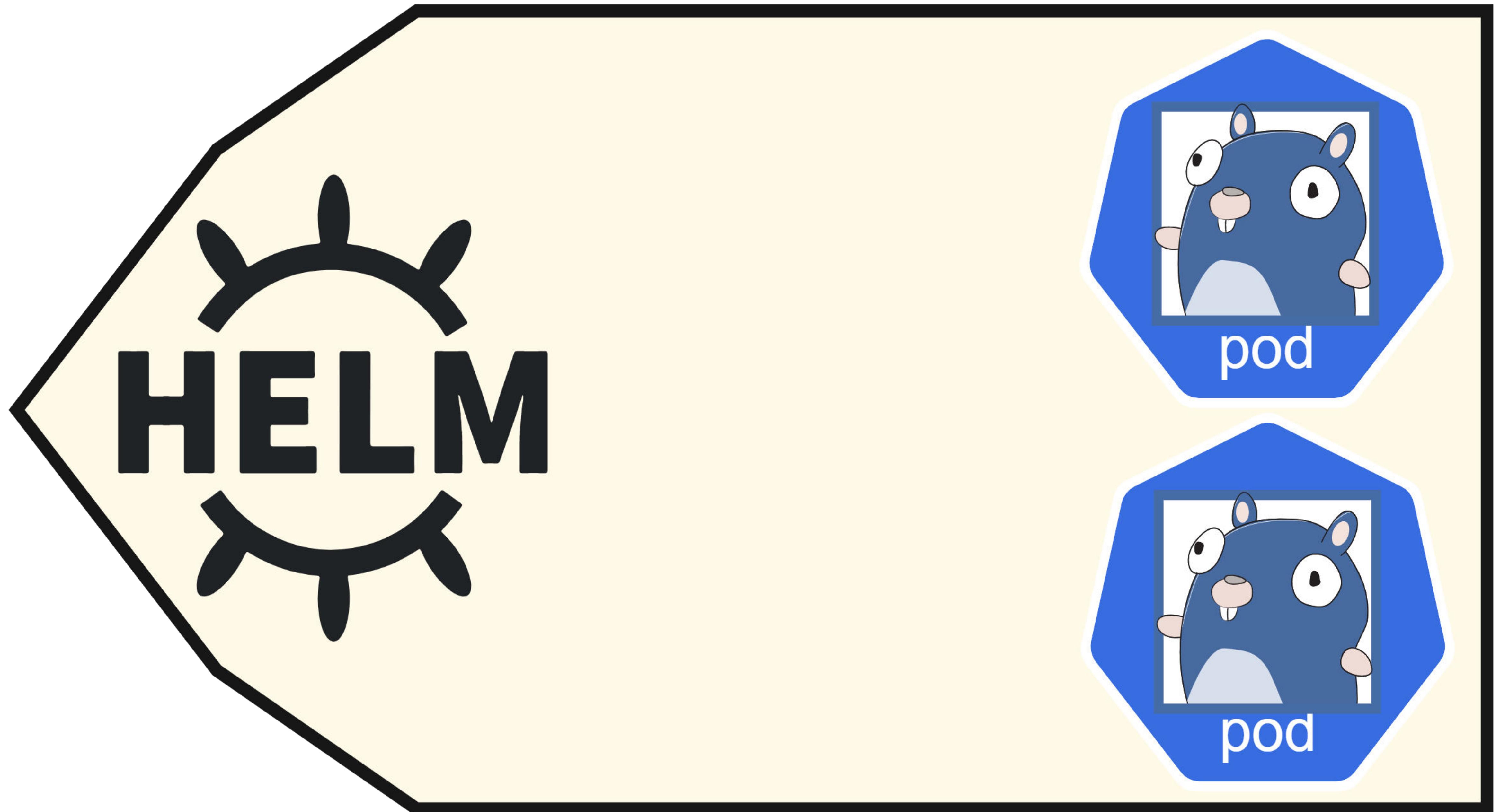
APIs

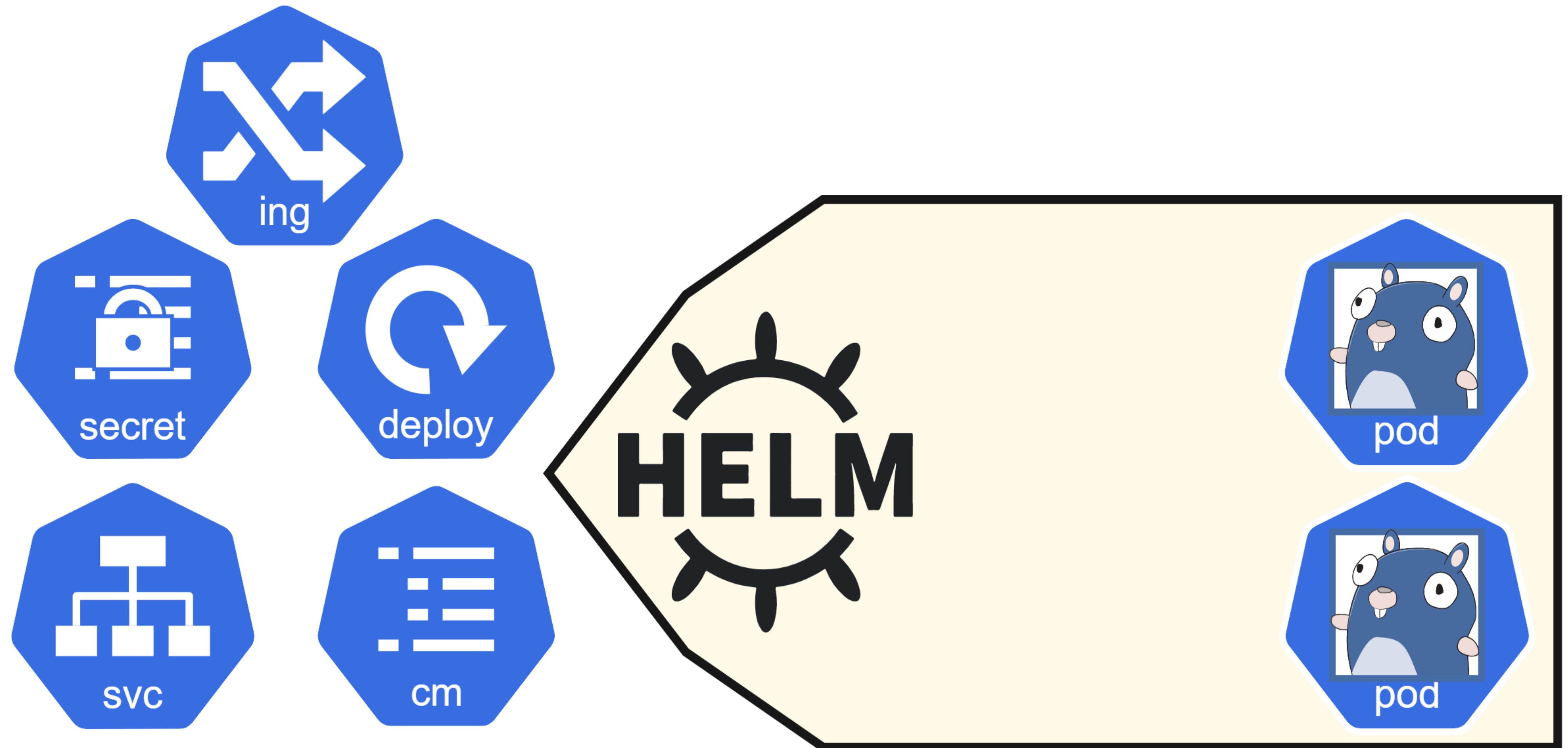


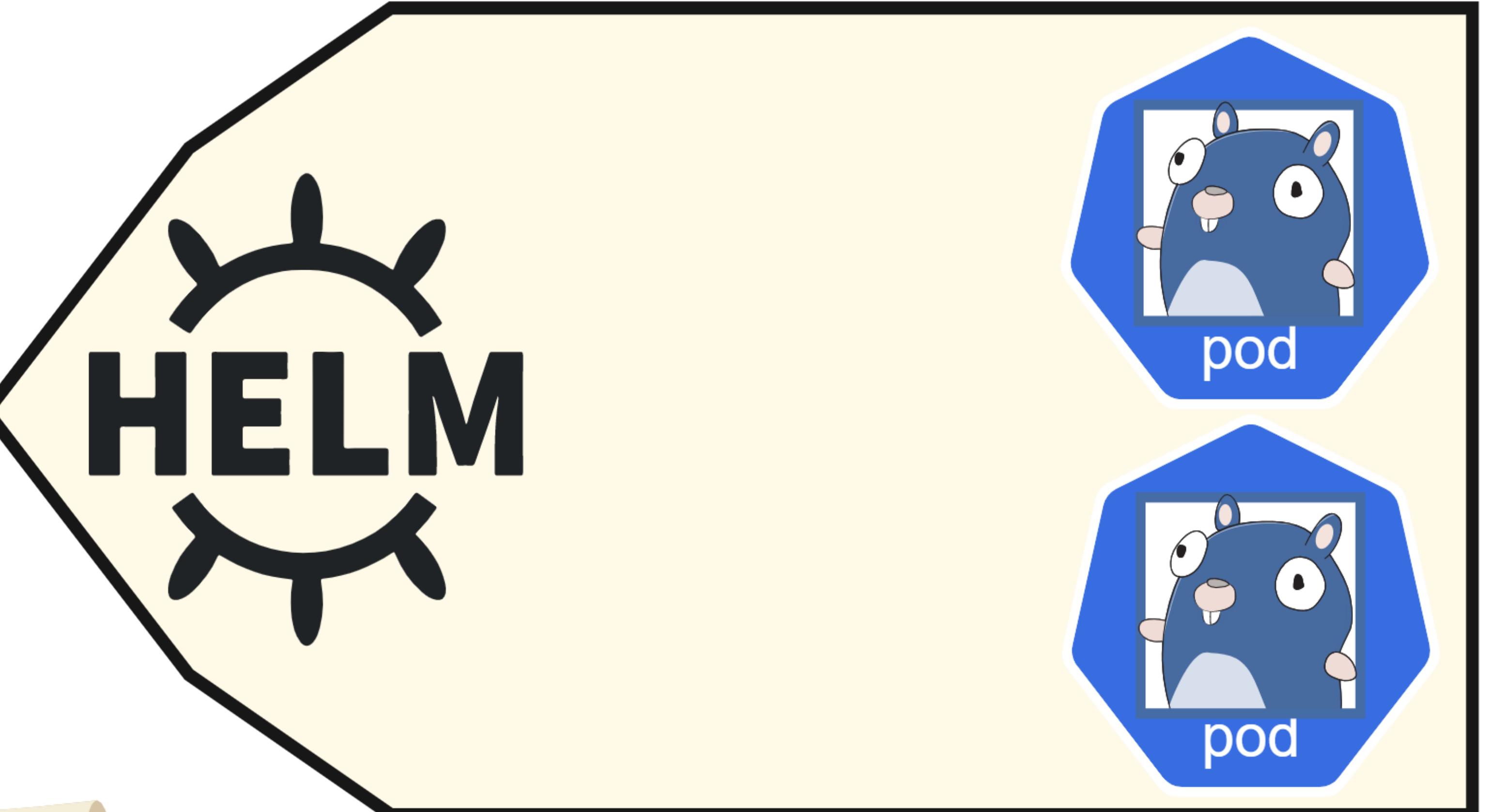
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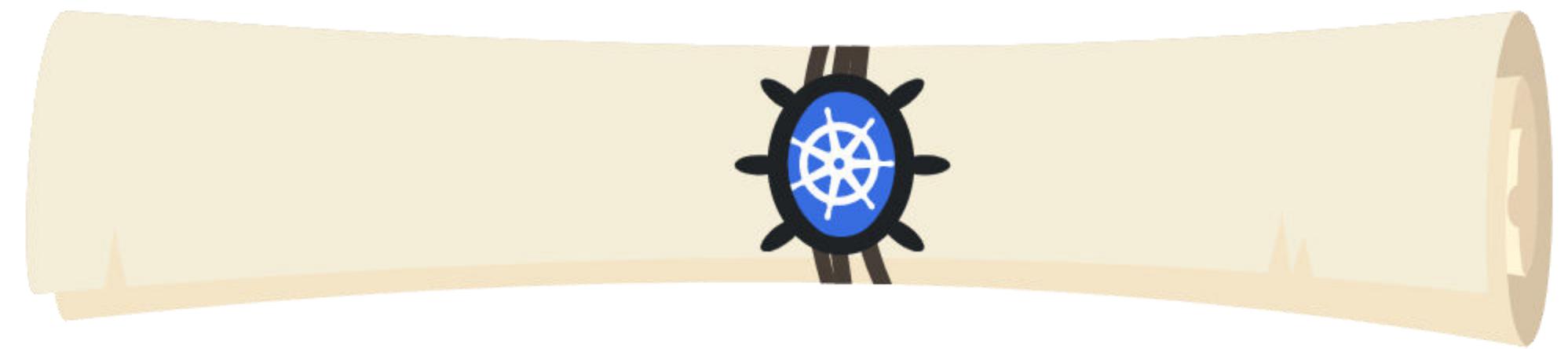
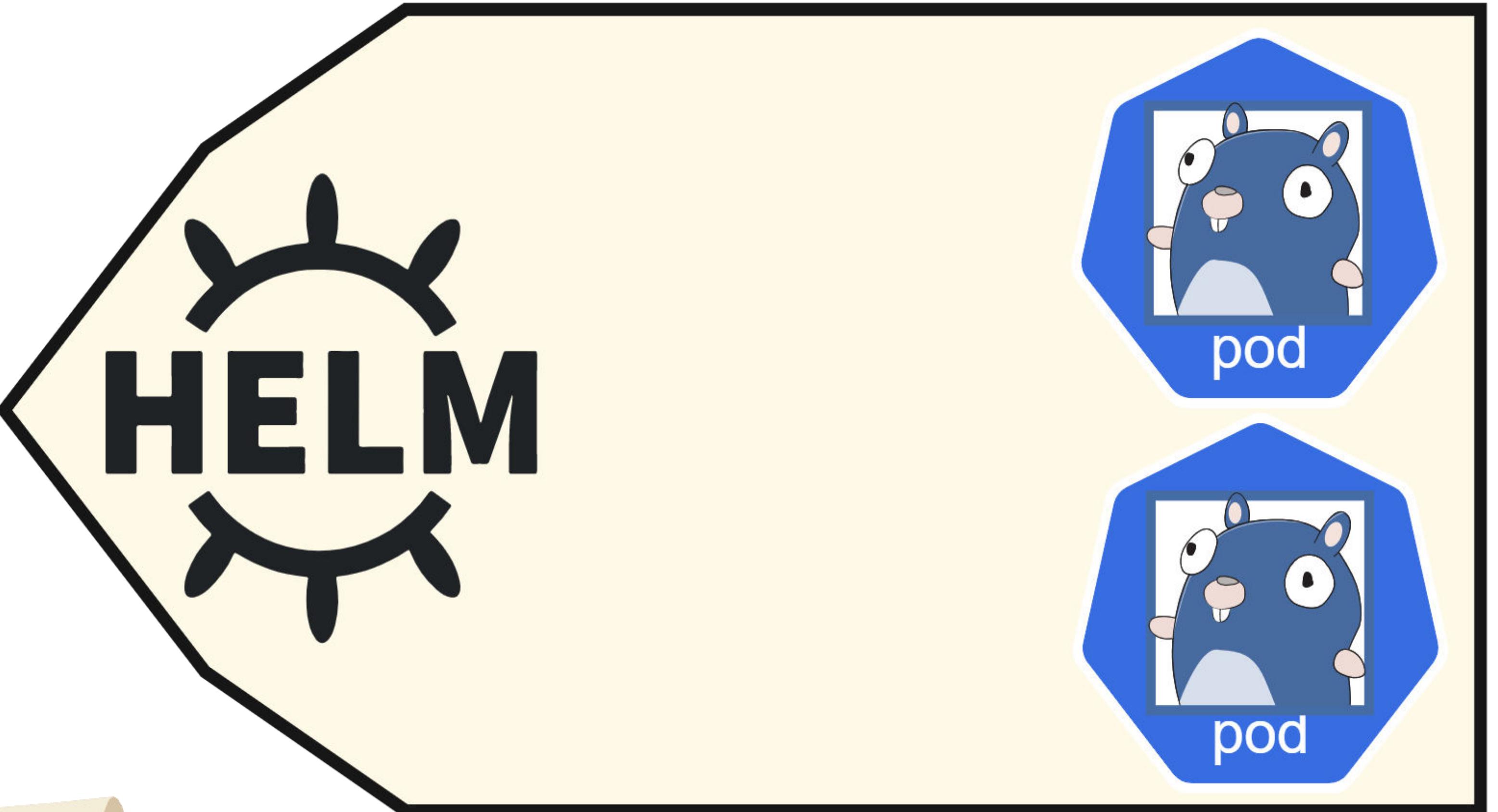


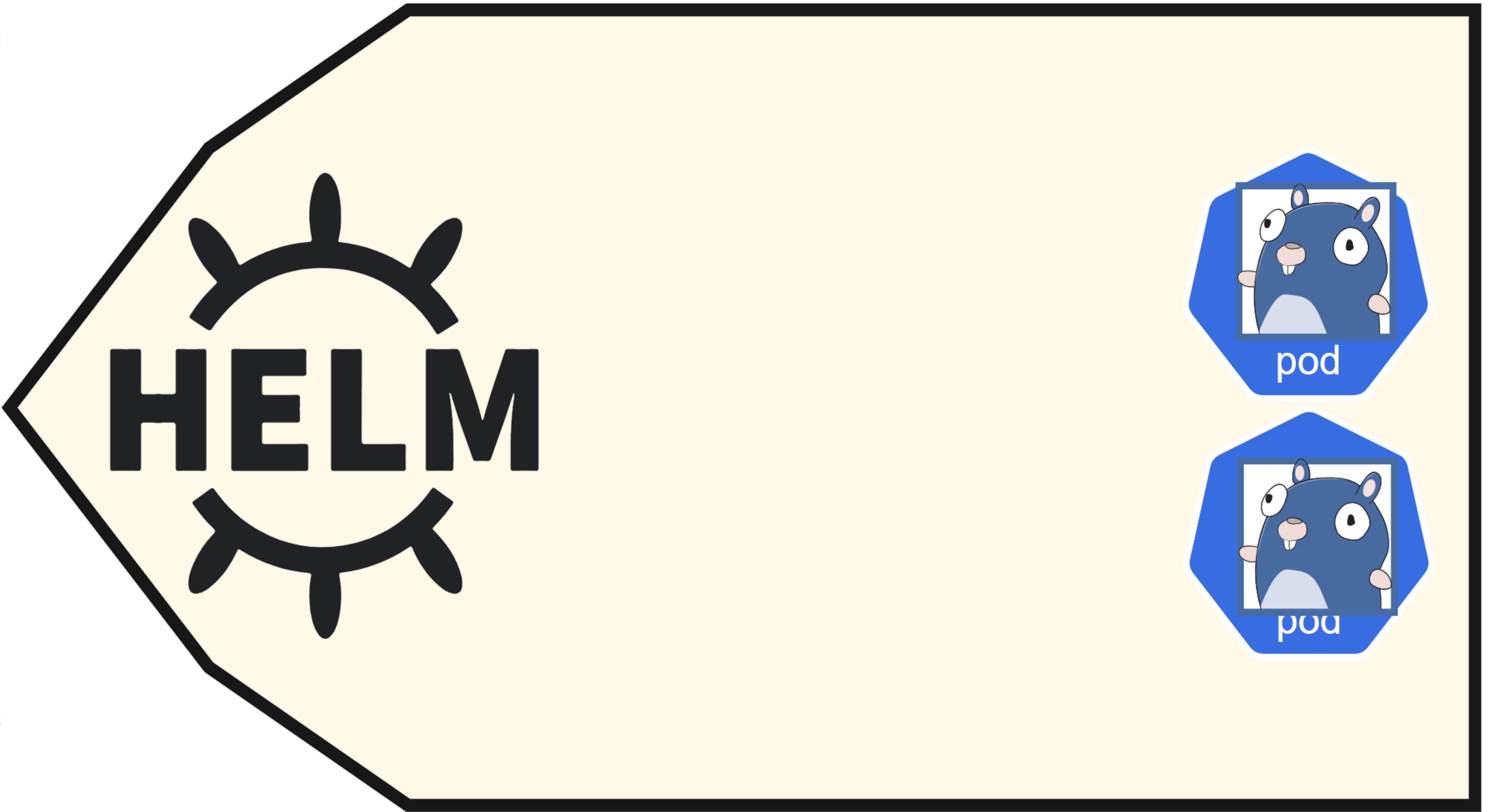
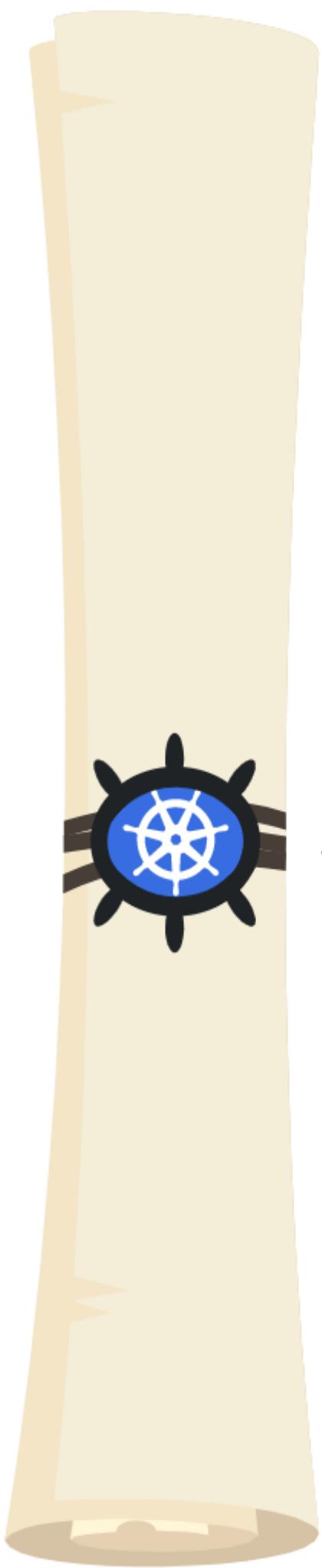


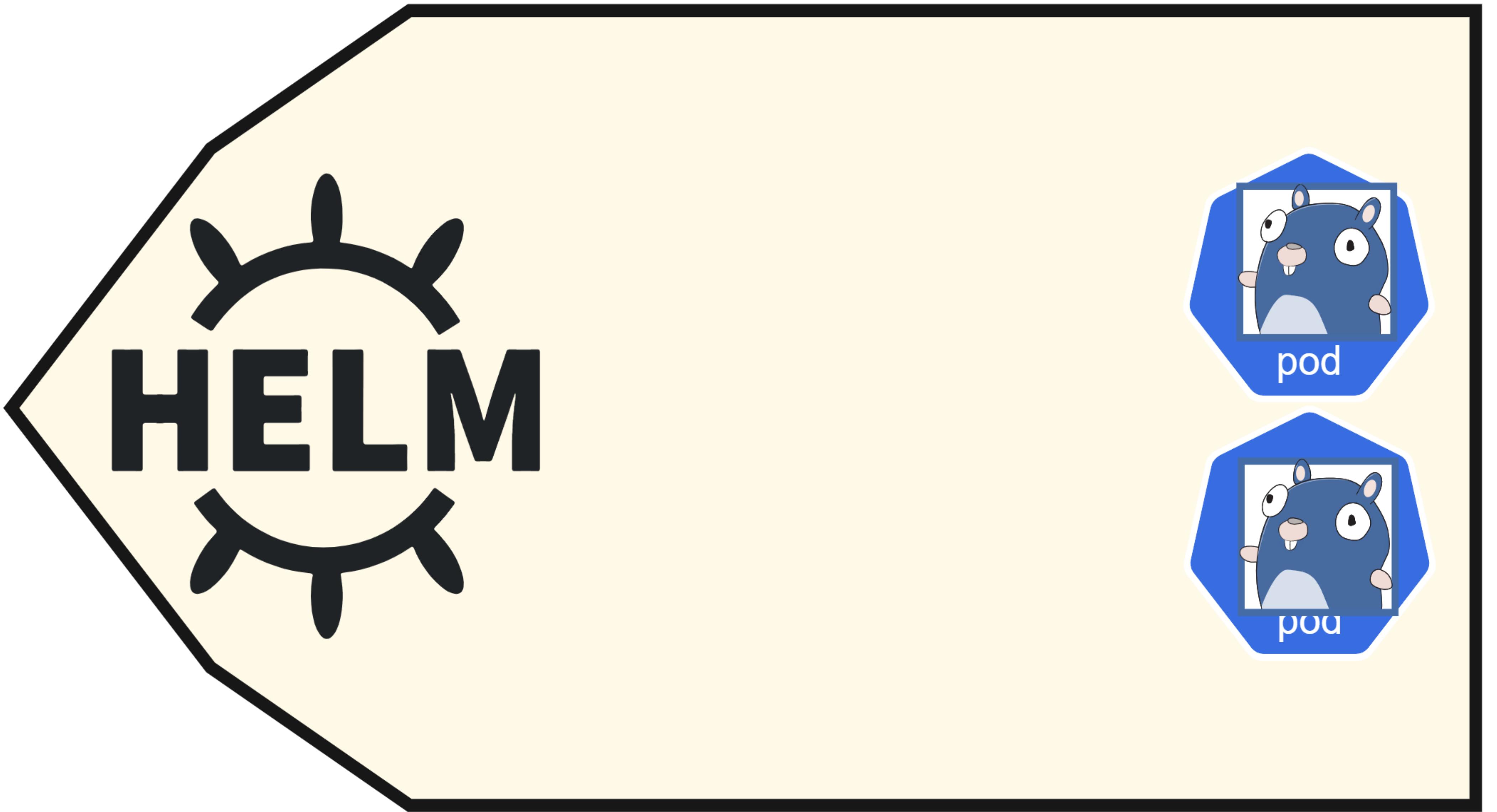


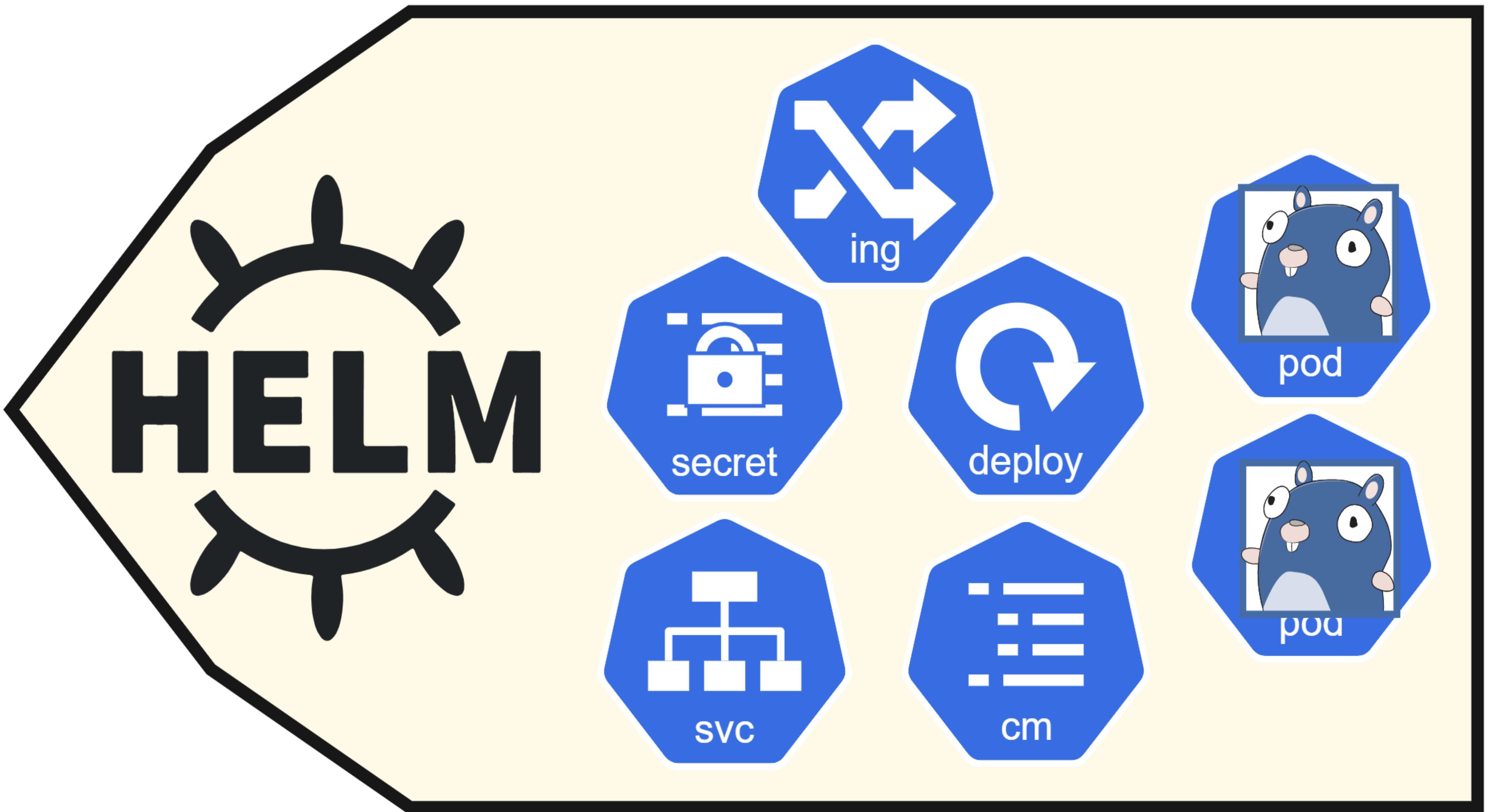


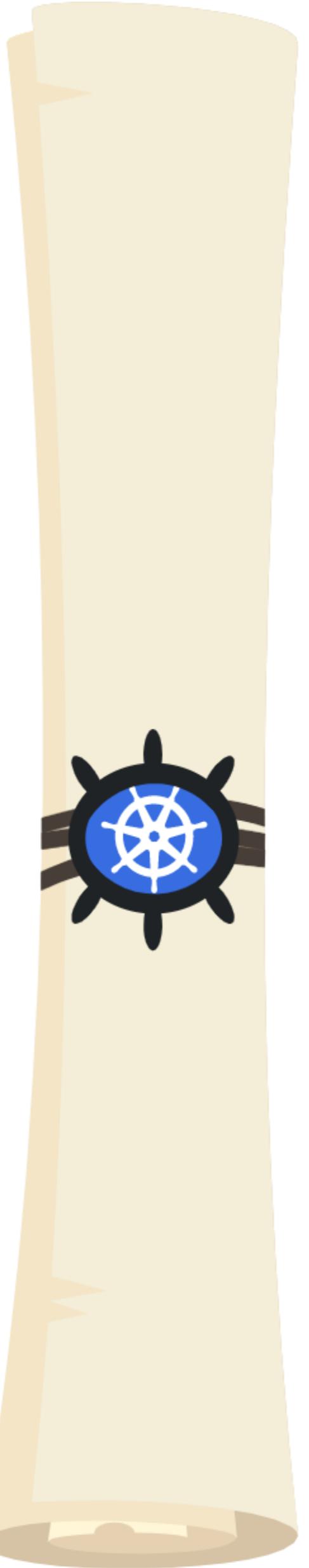


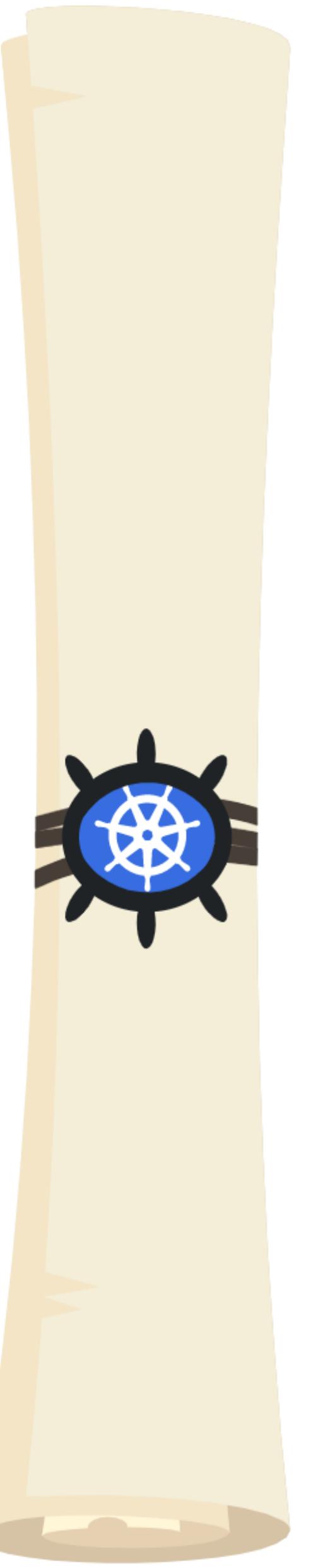
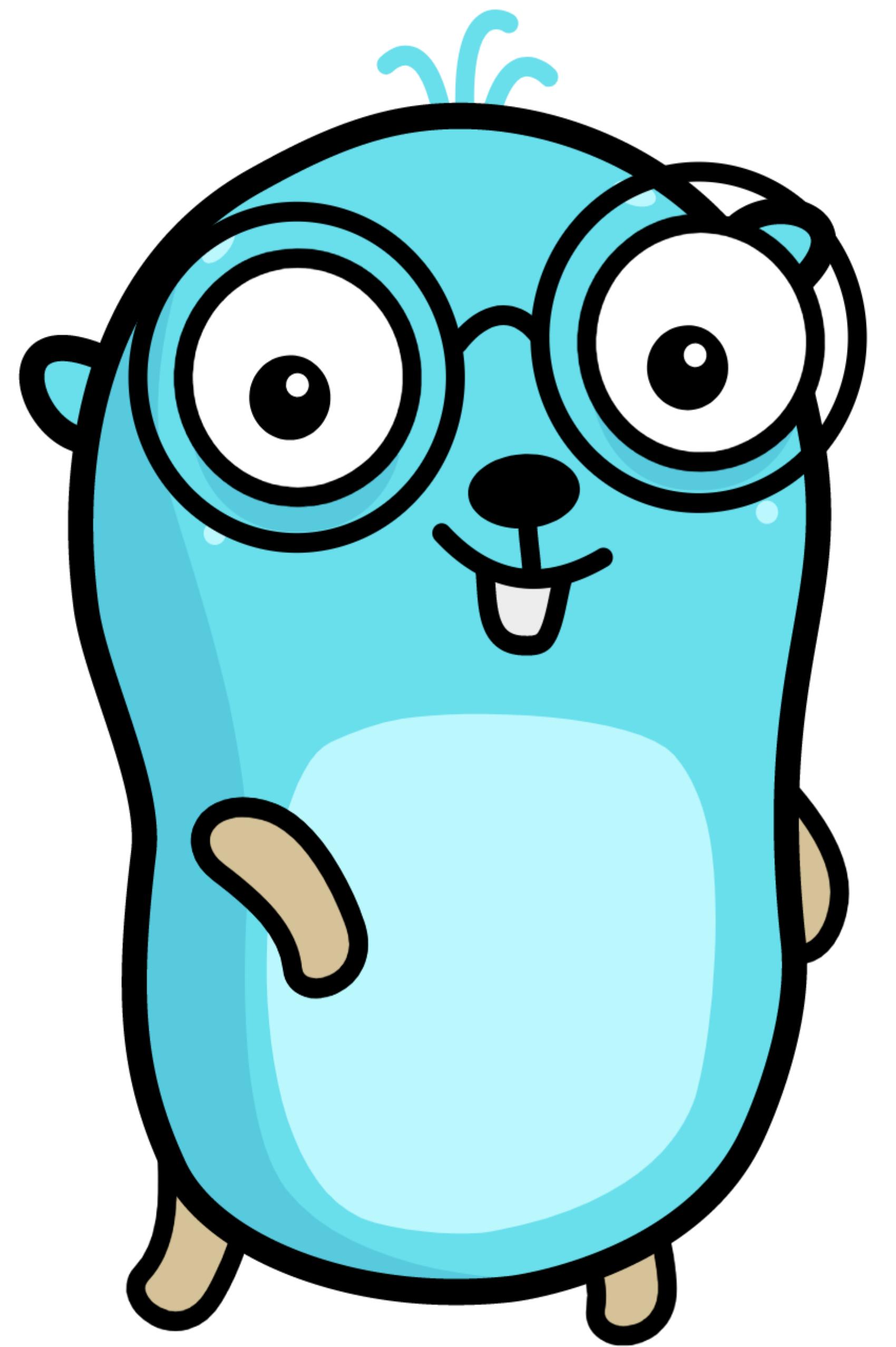


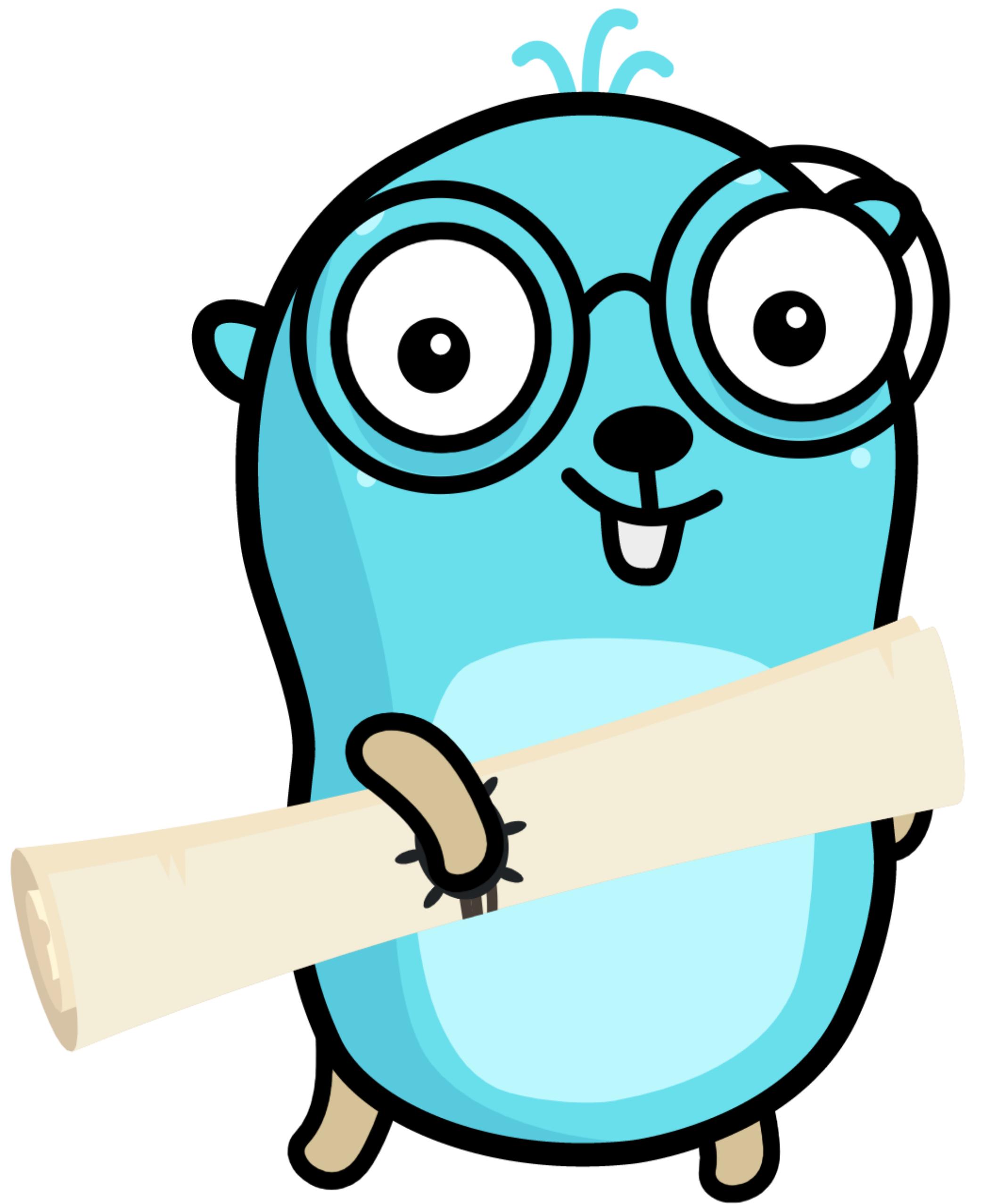








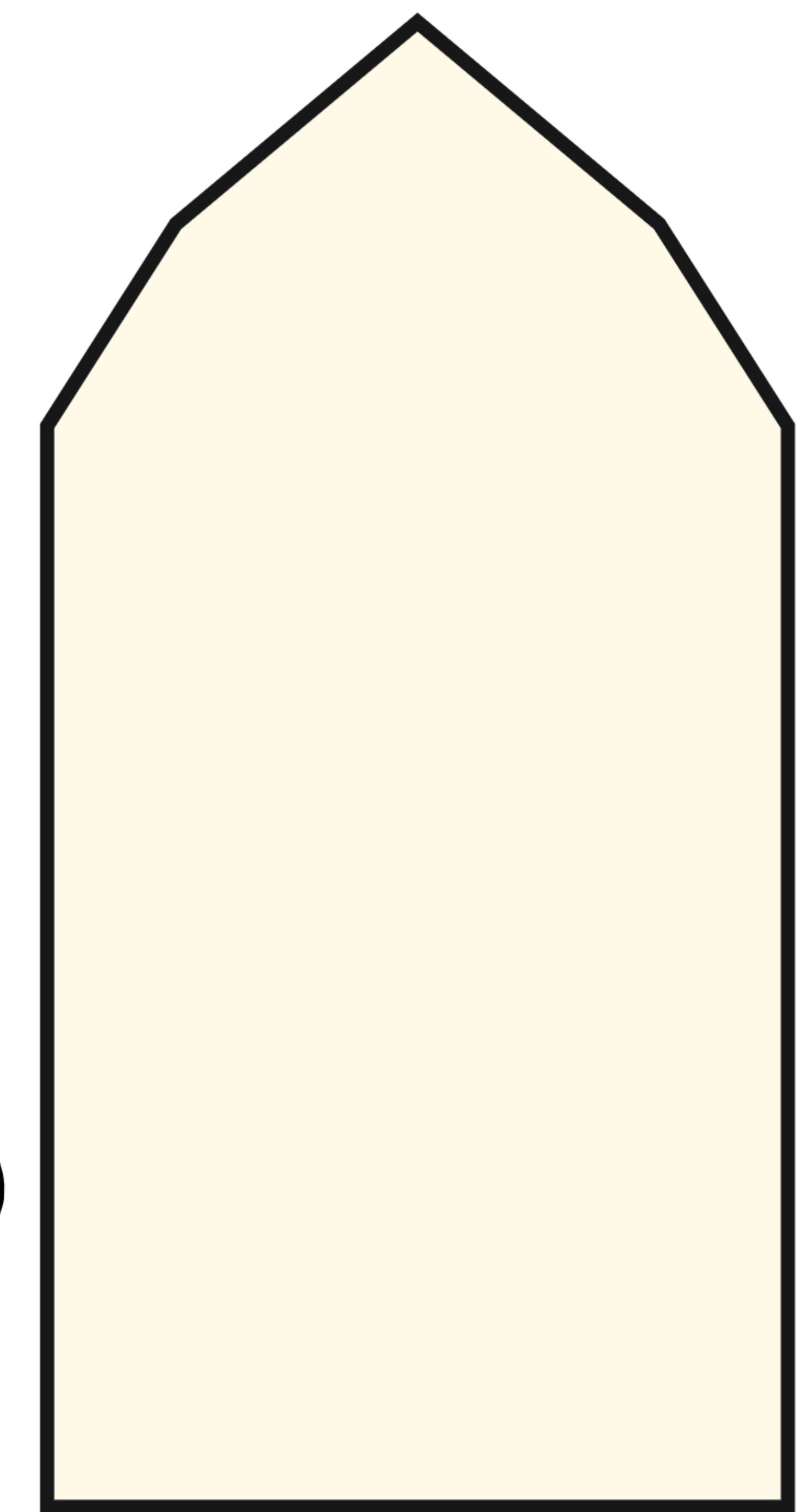


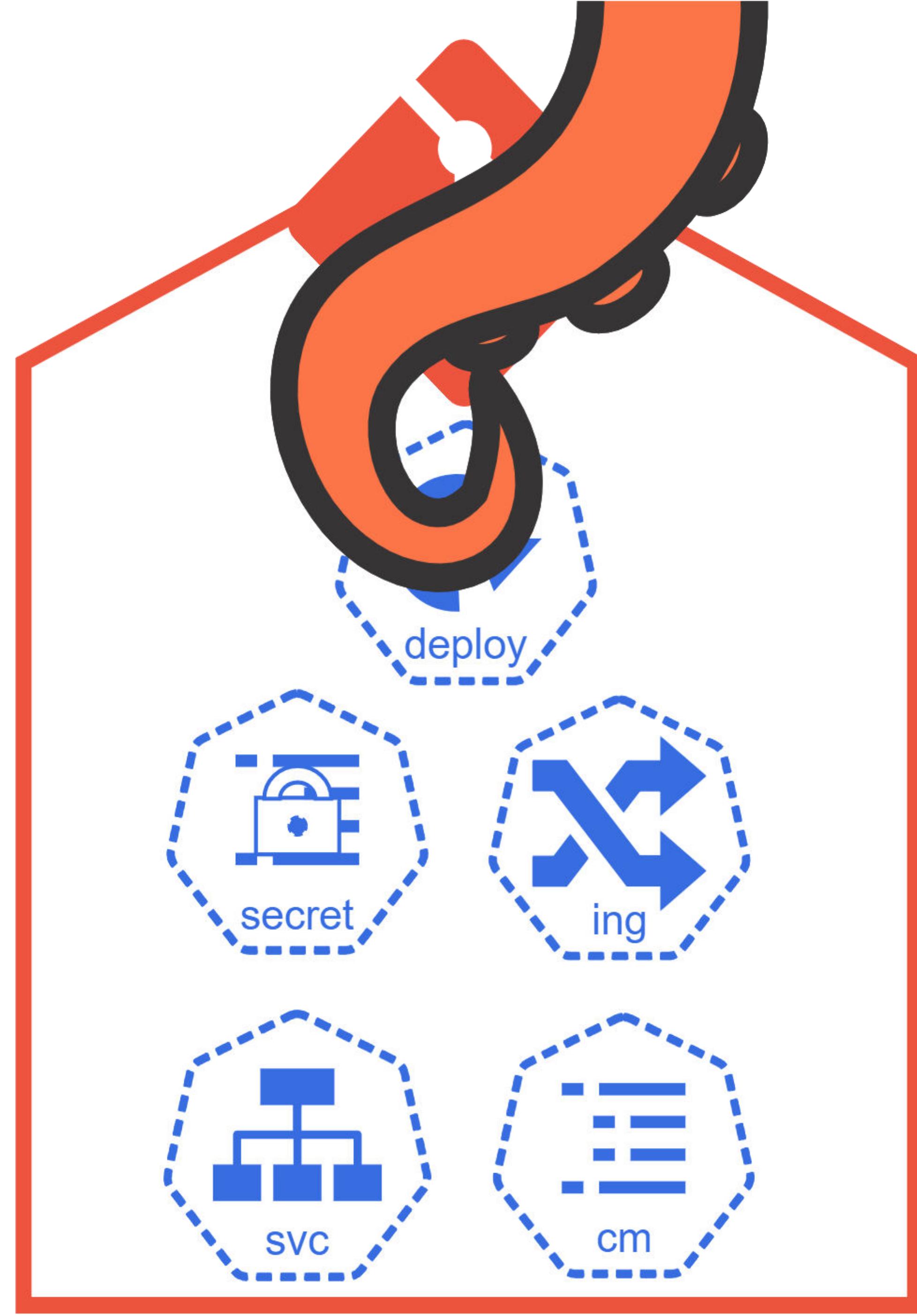




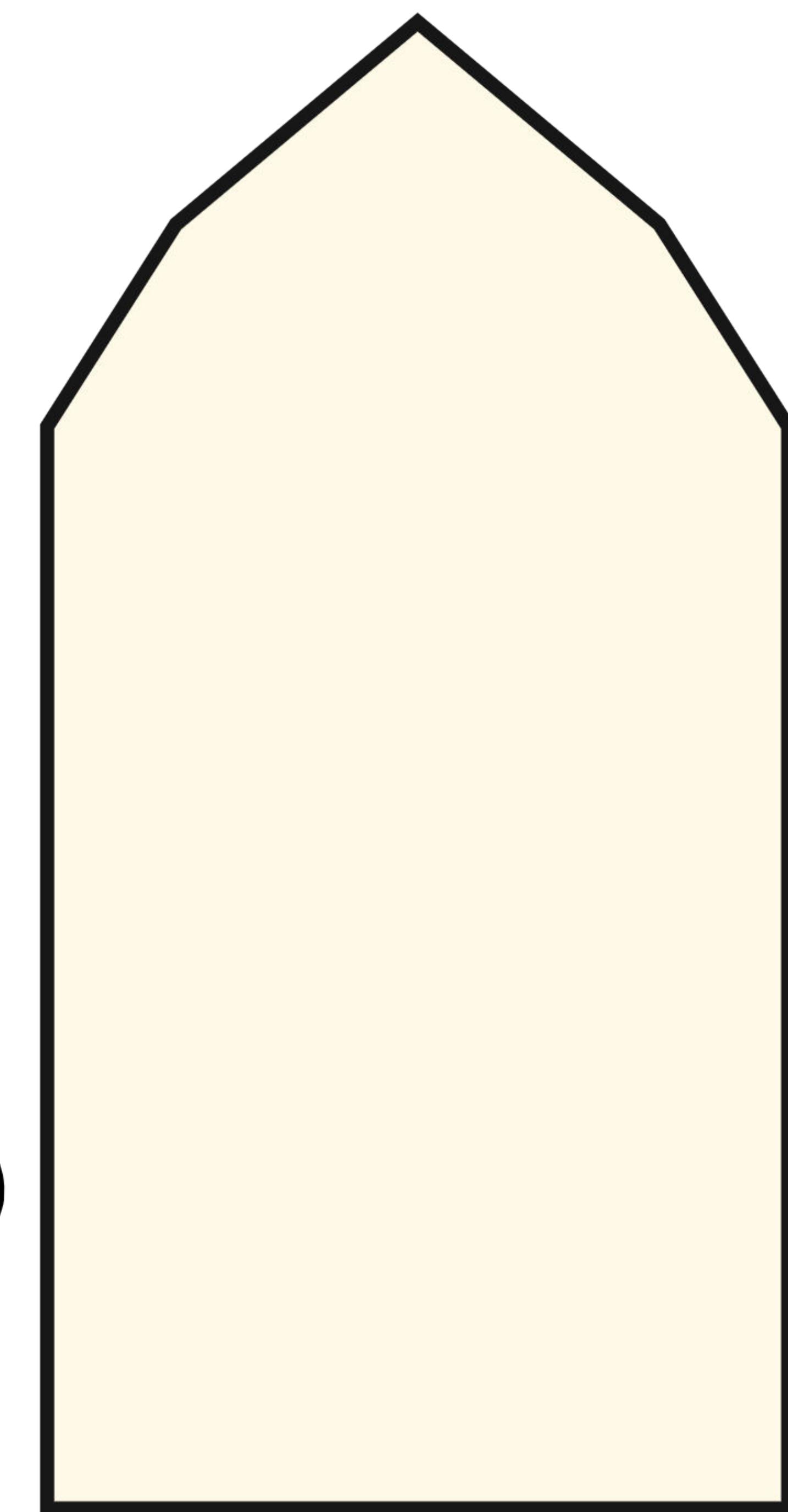


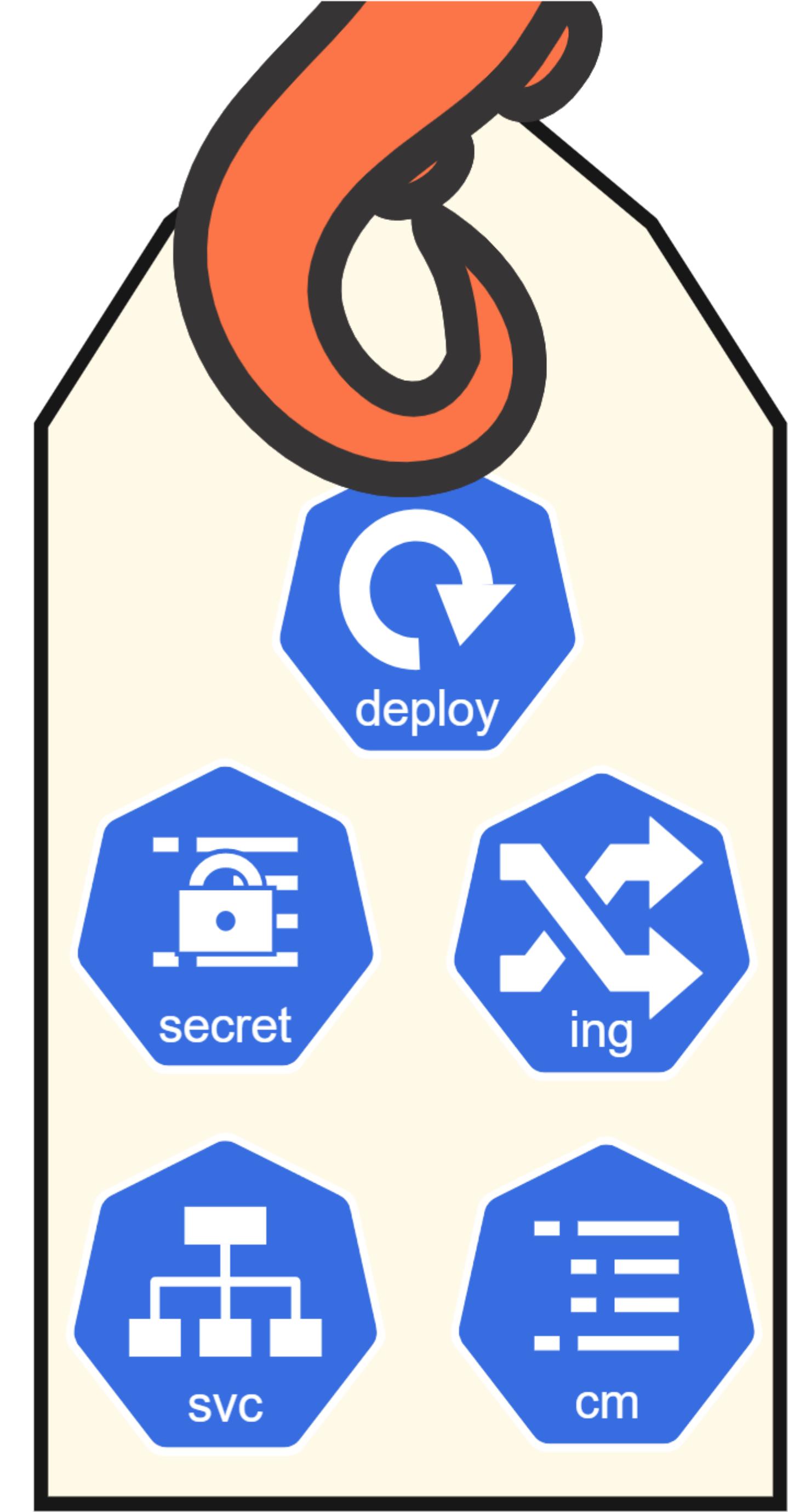
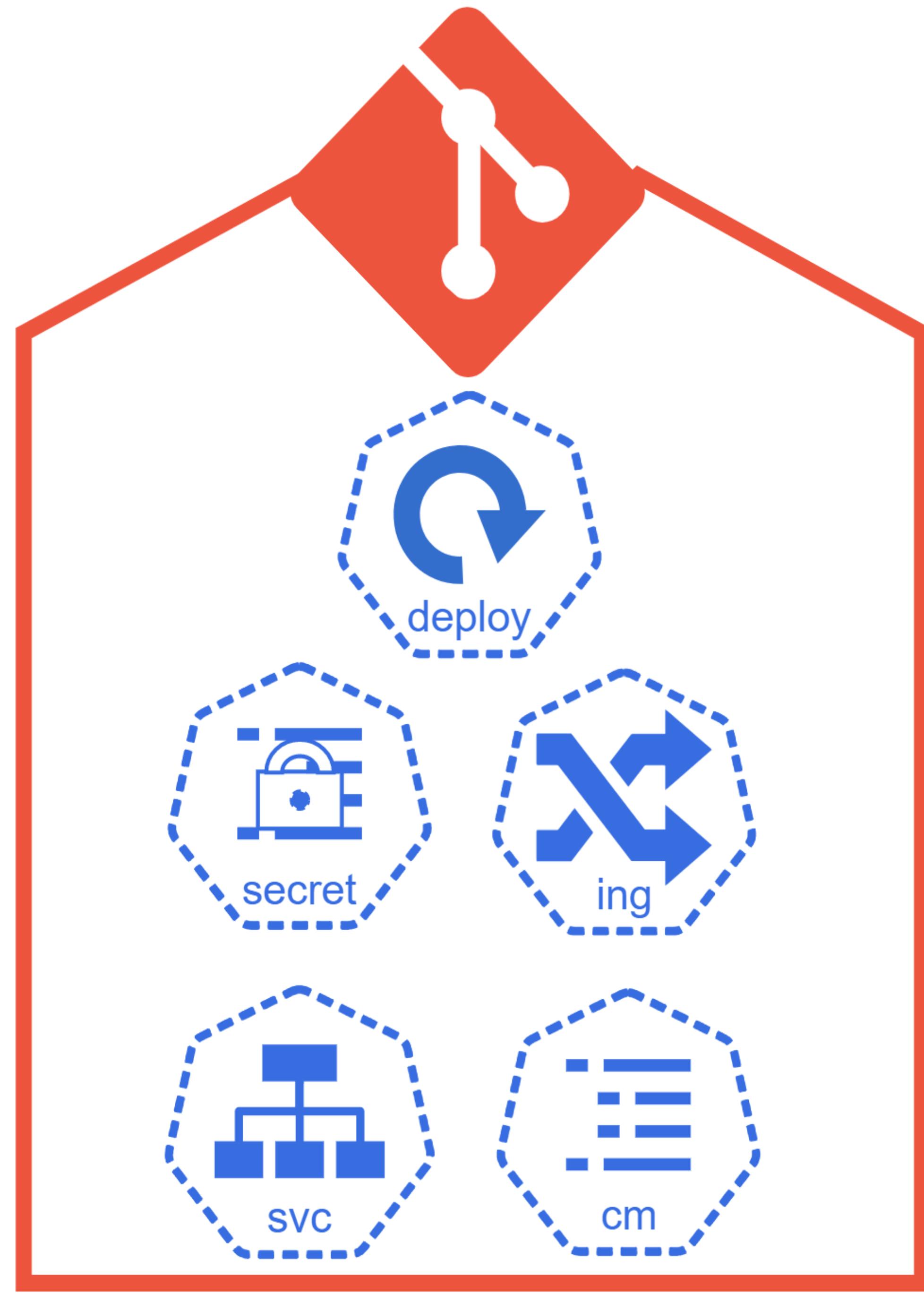
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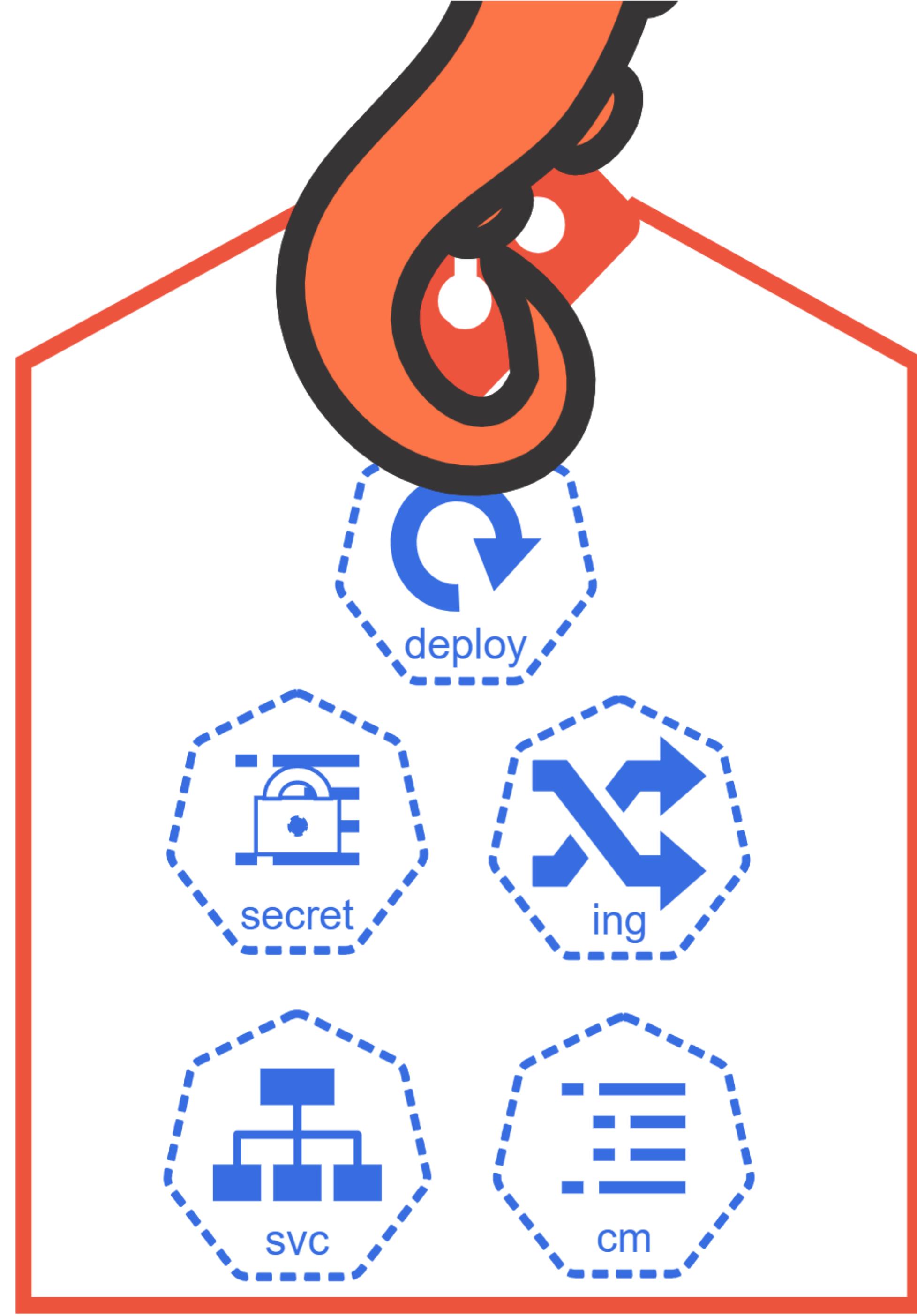




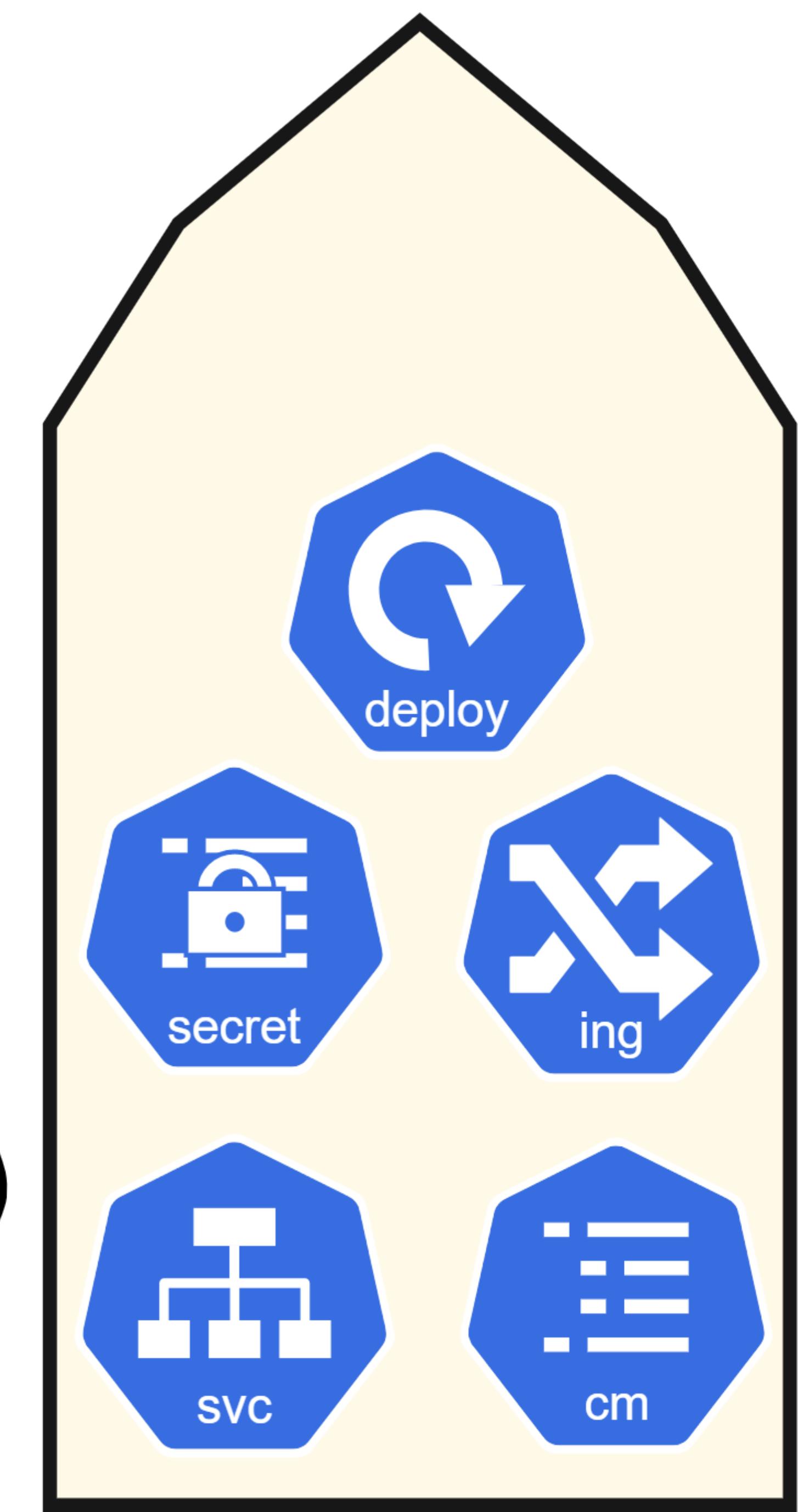
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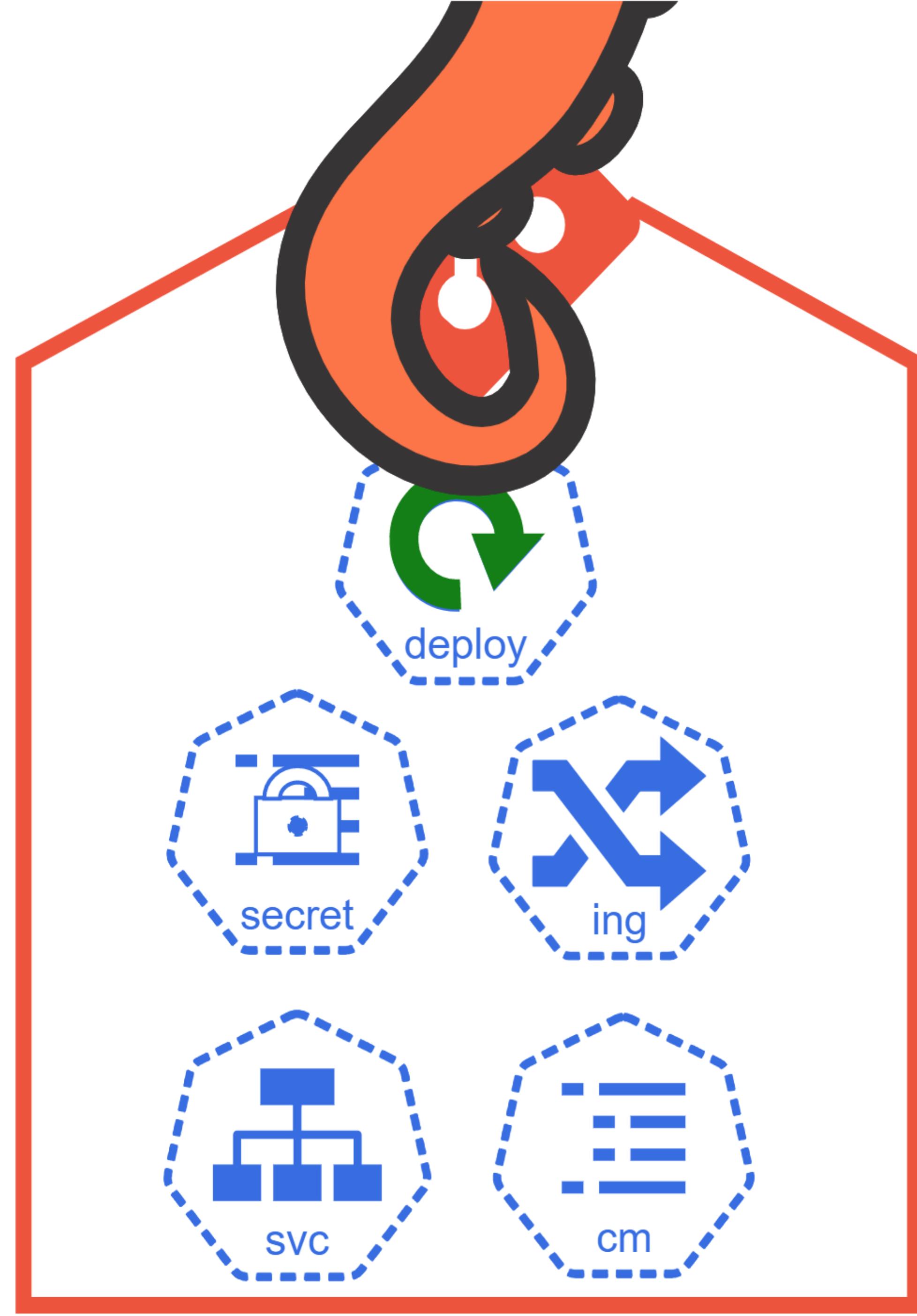




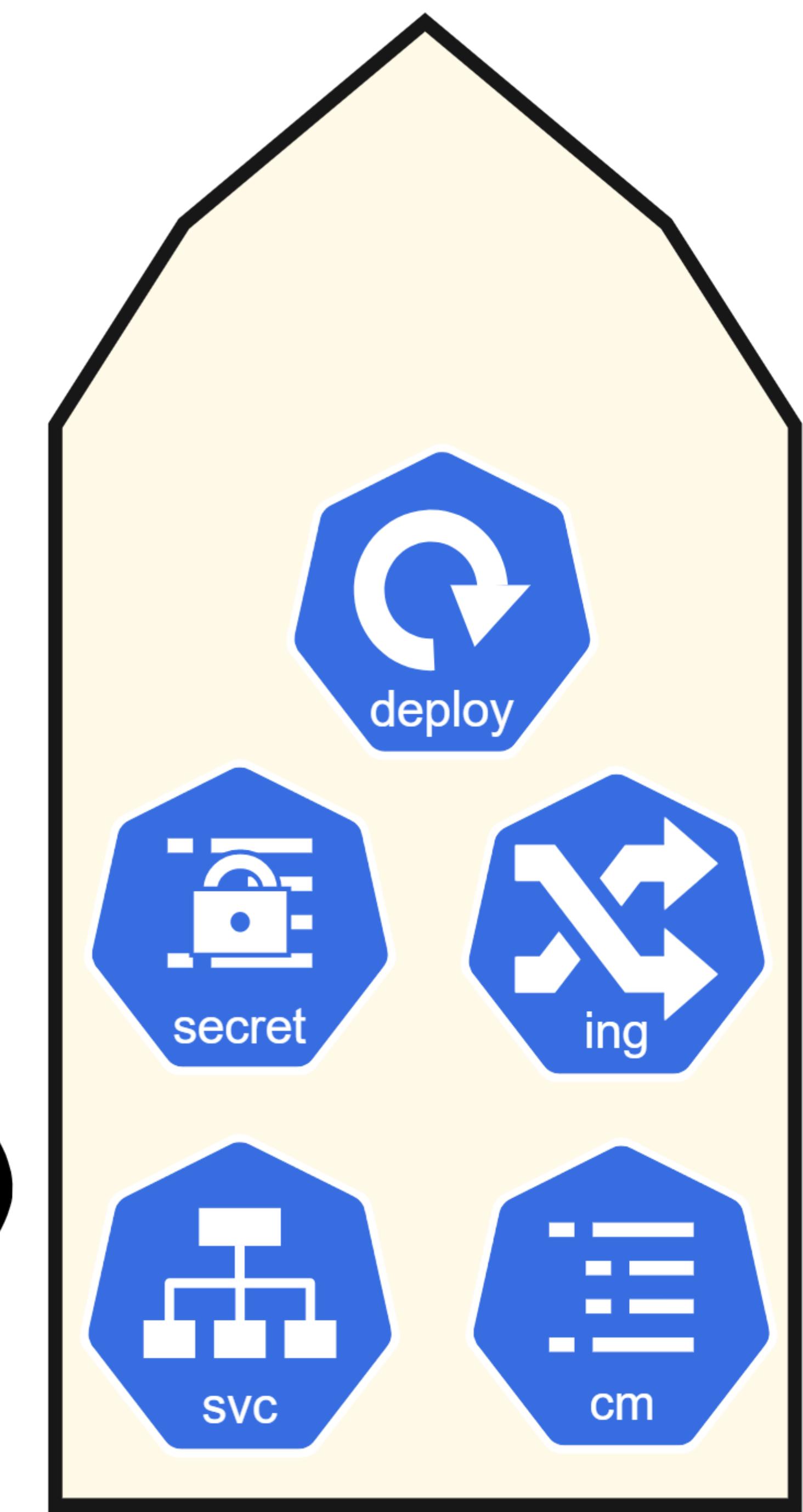


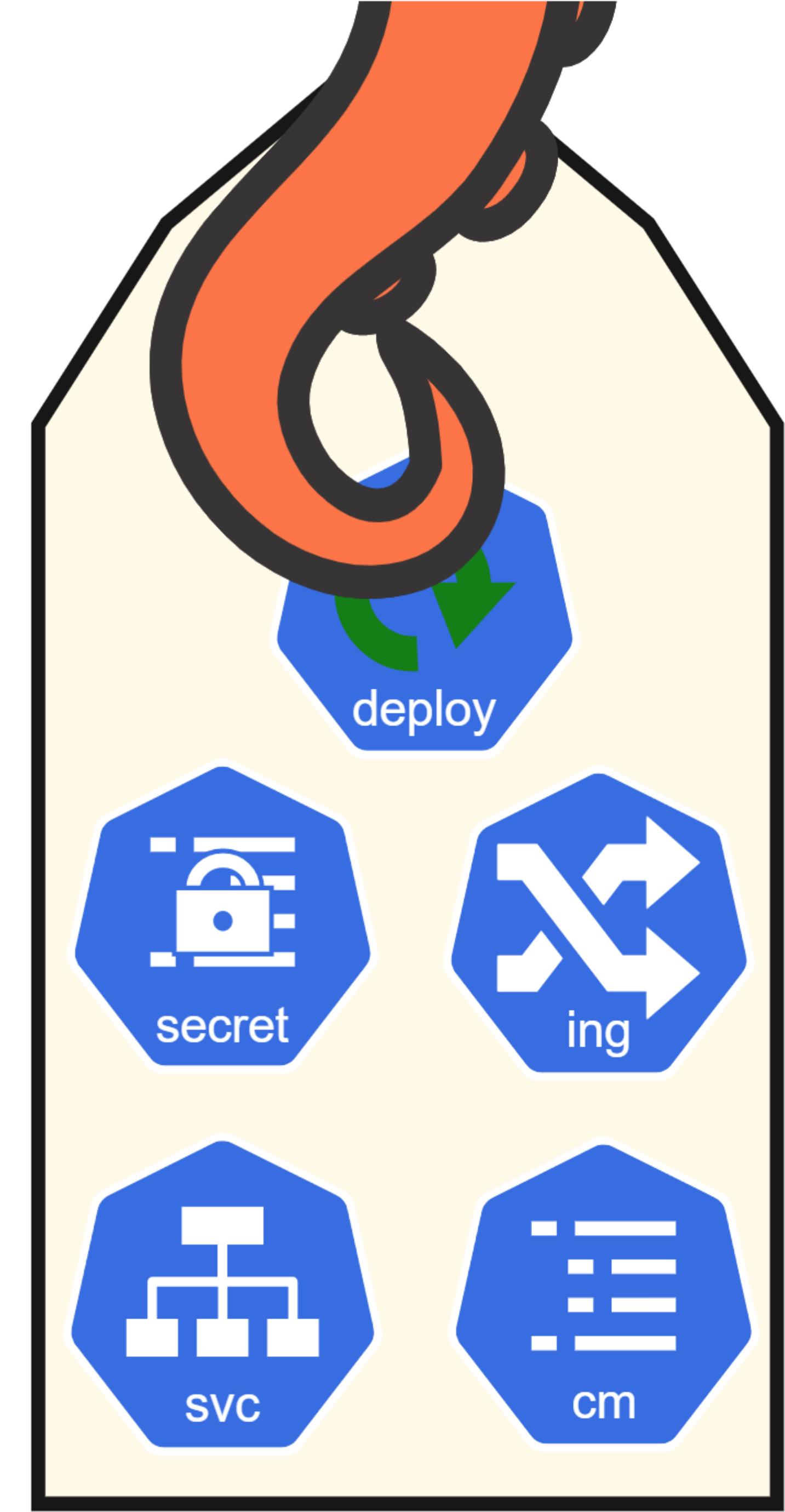
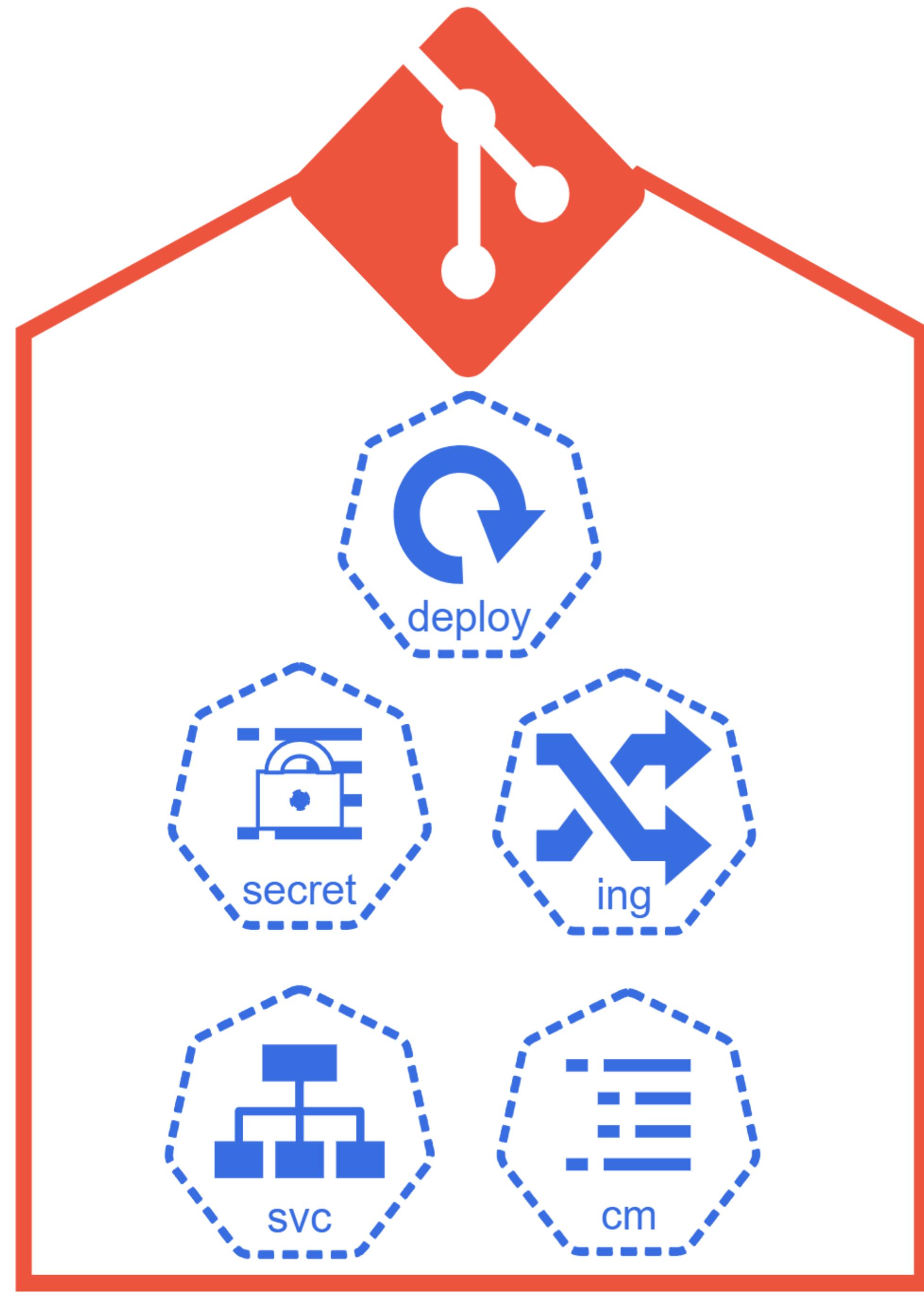
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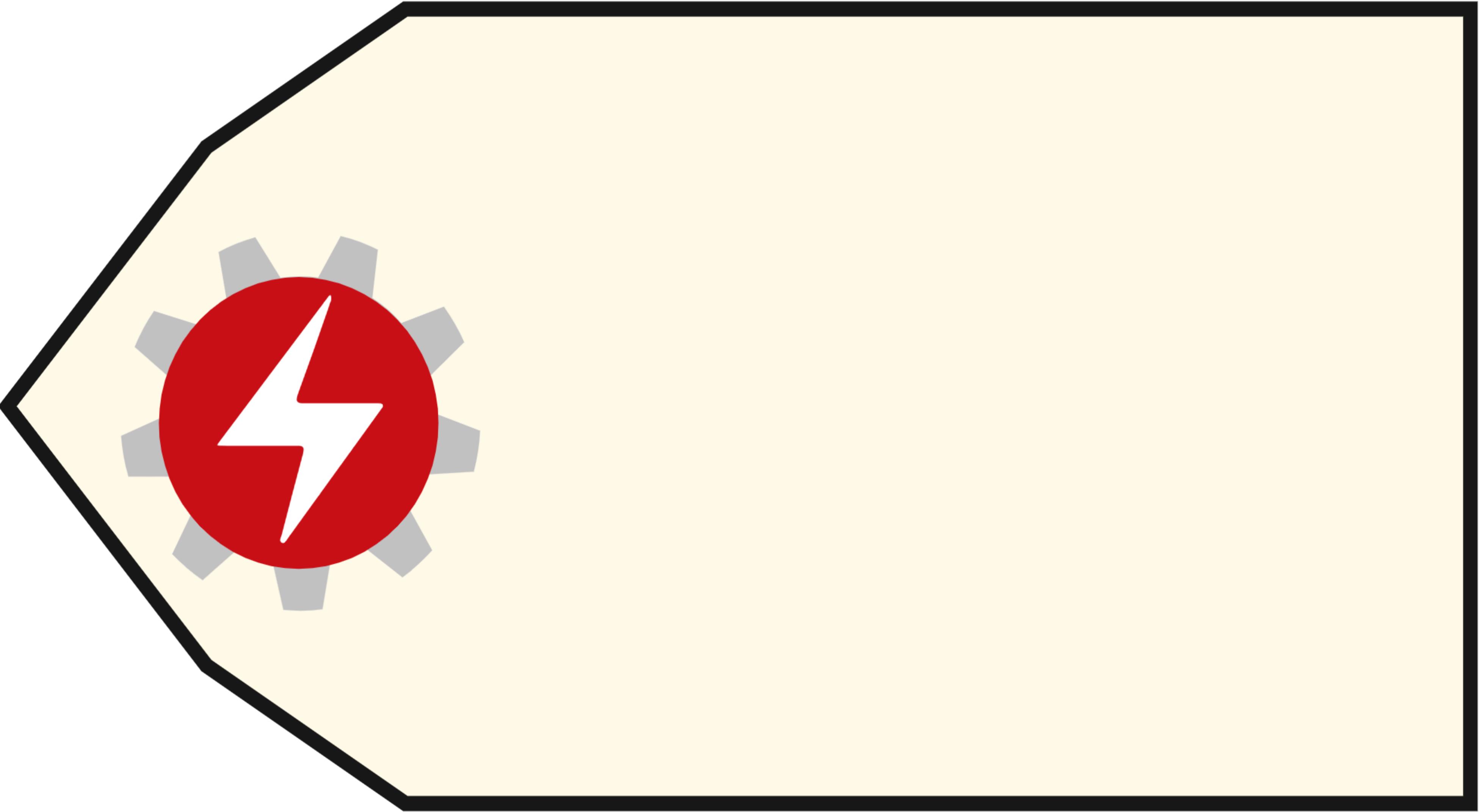


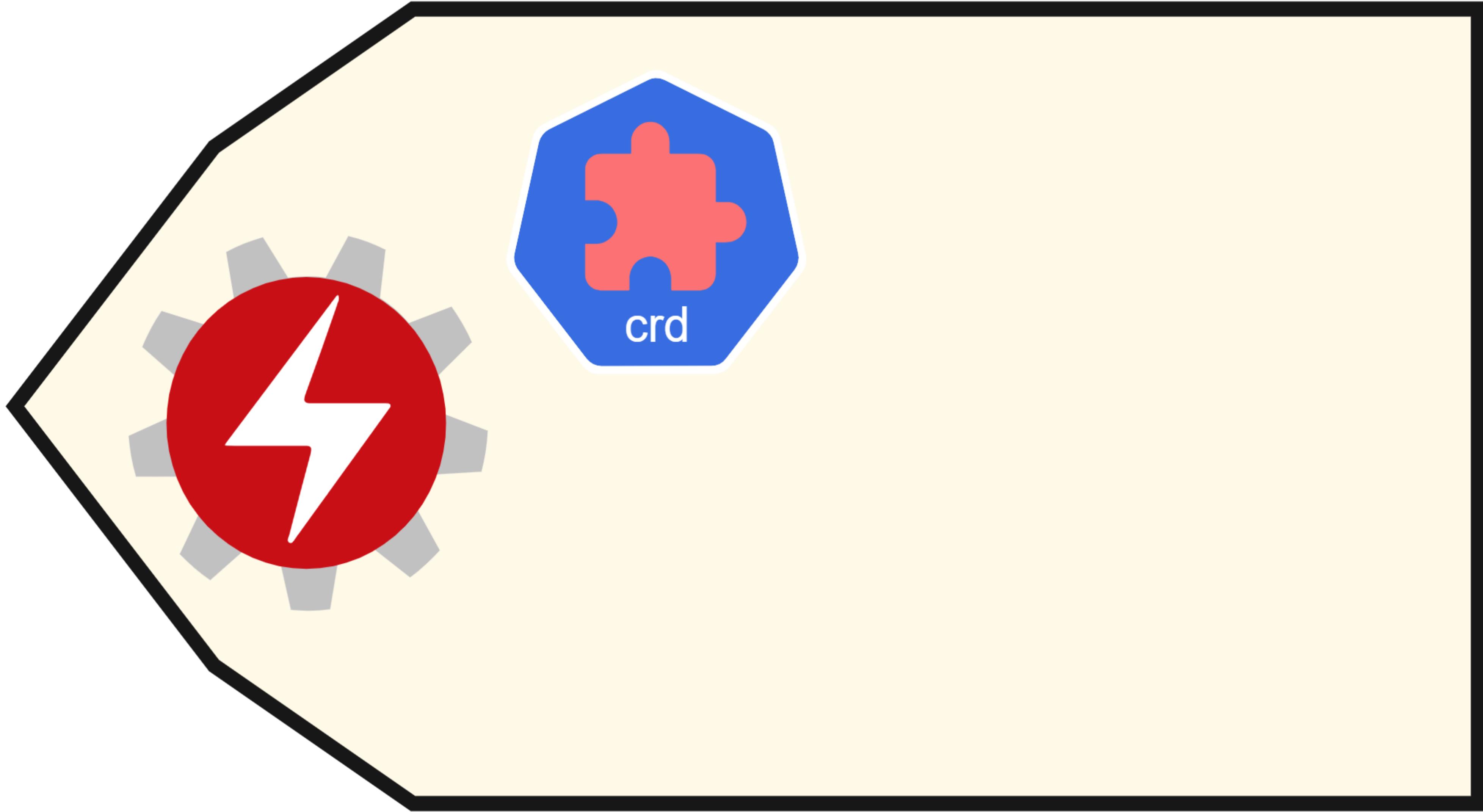


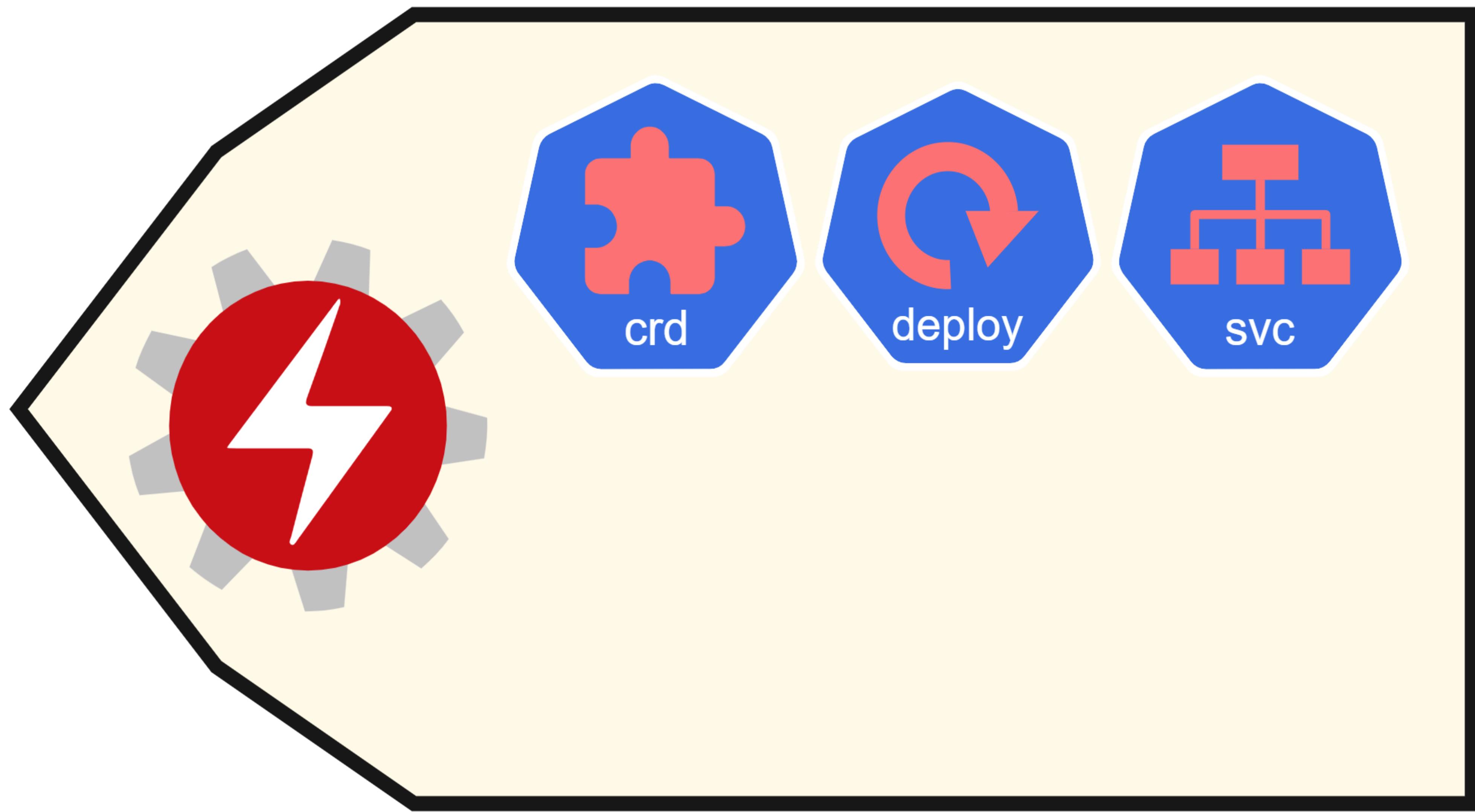
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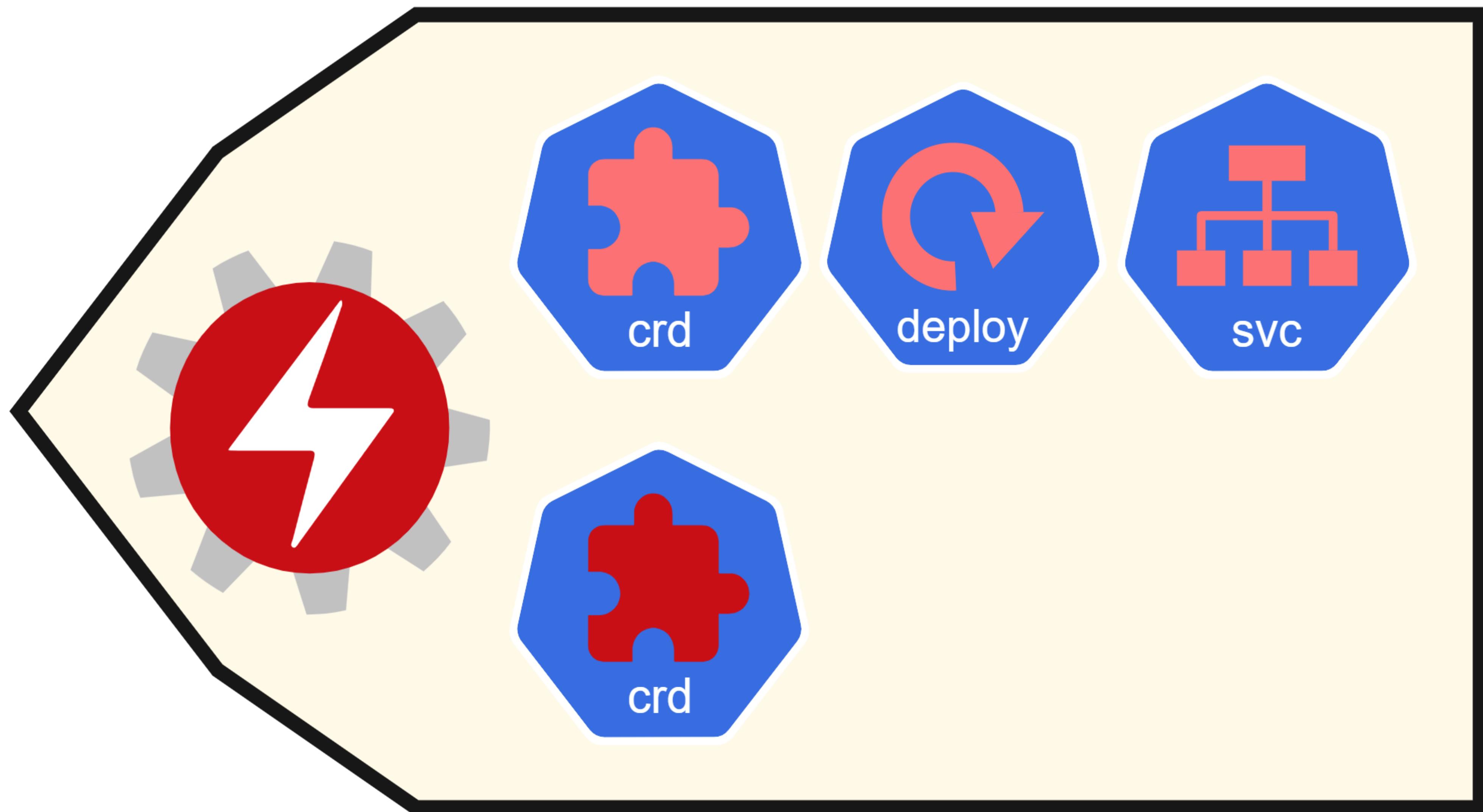


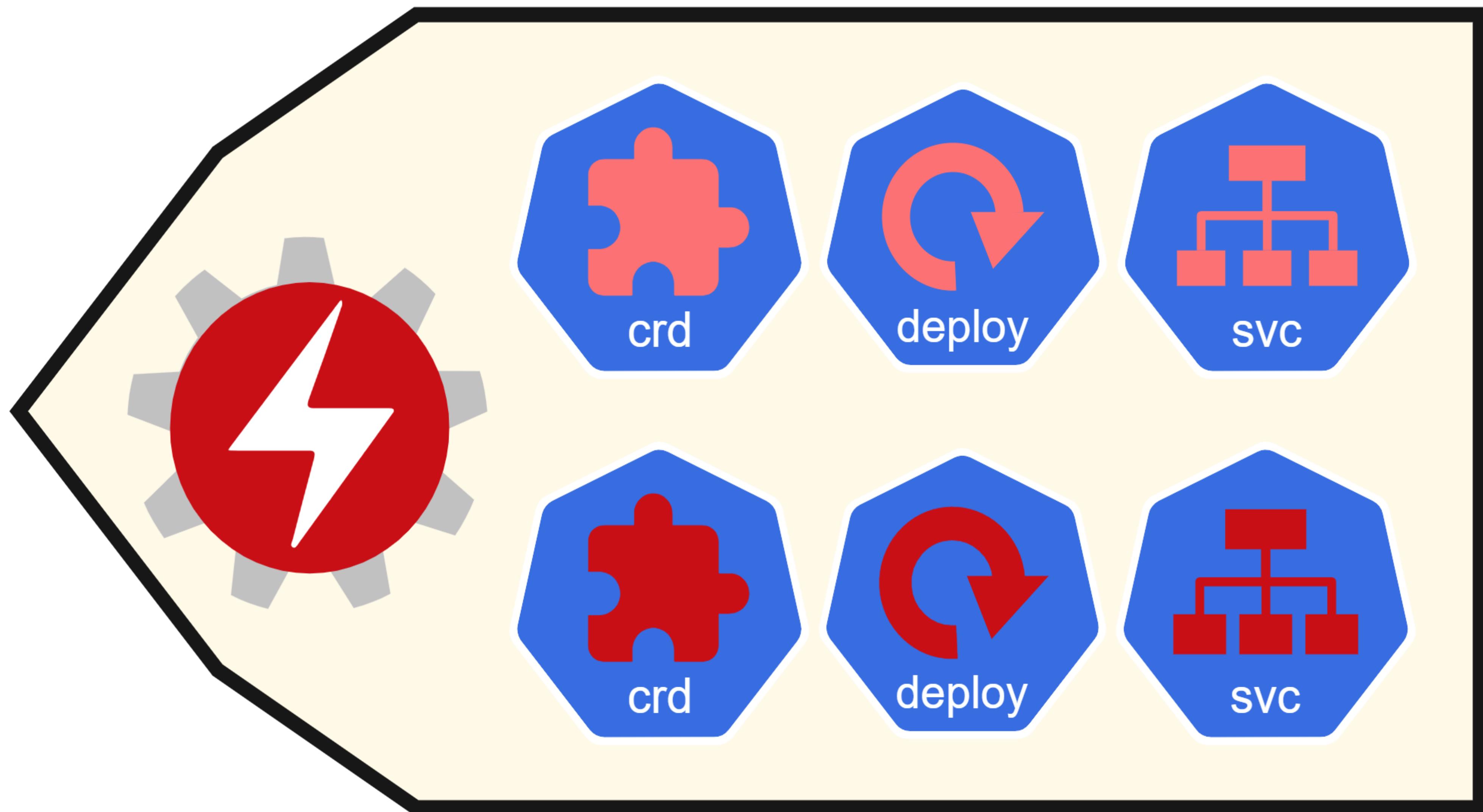
OPERATOR FRAMEWORK

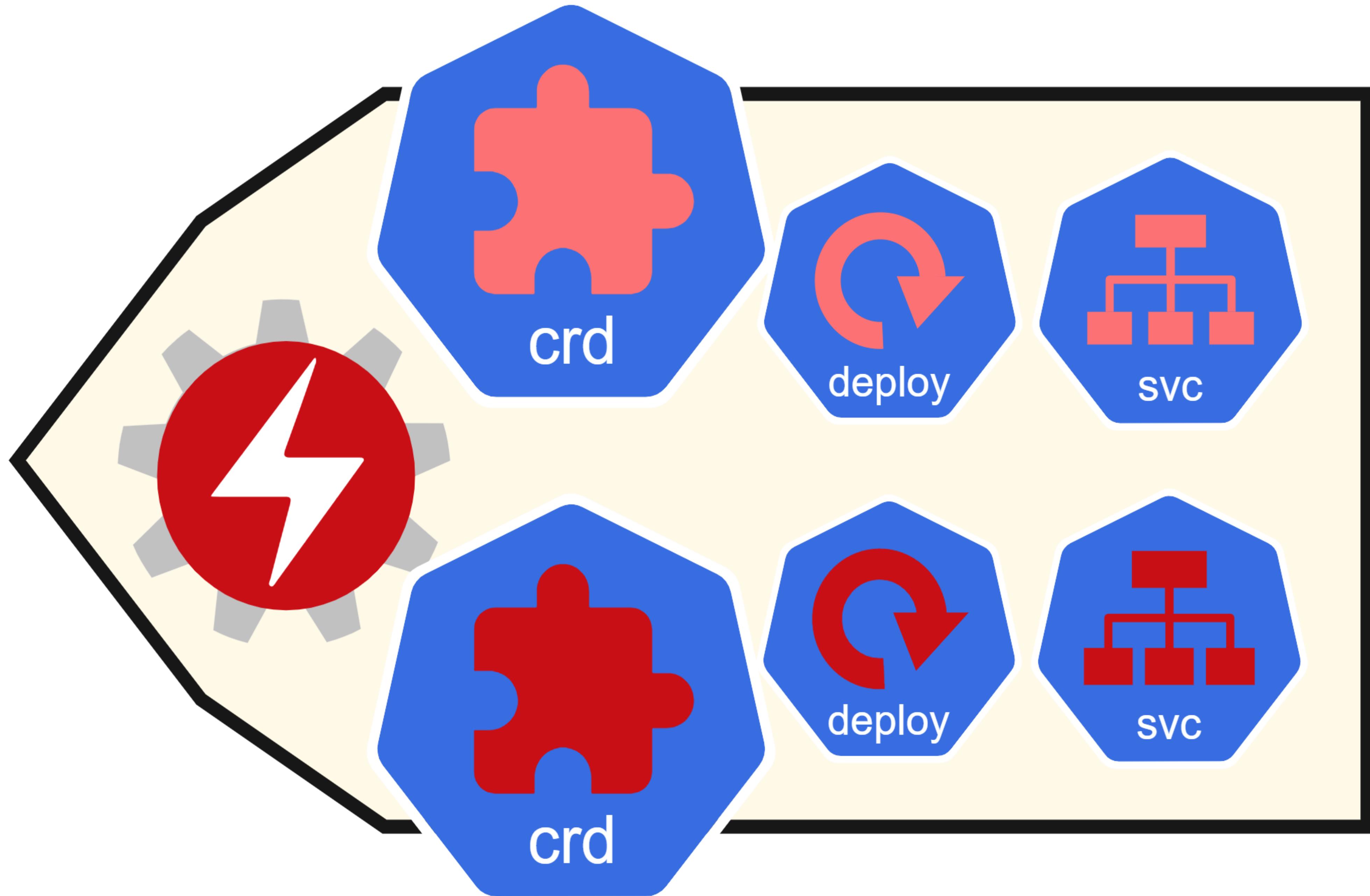


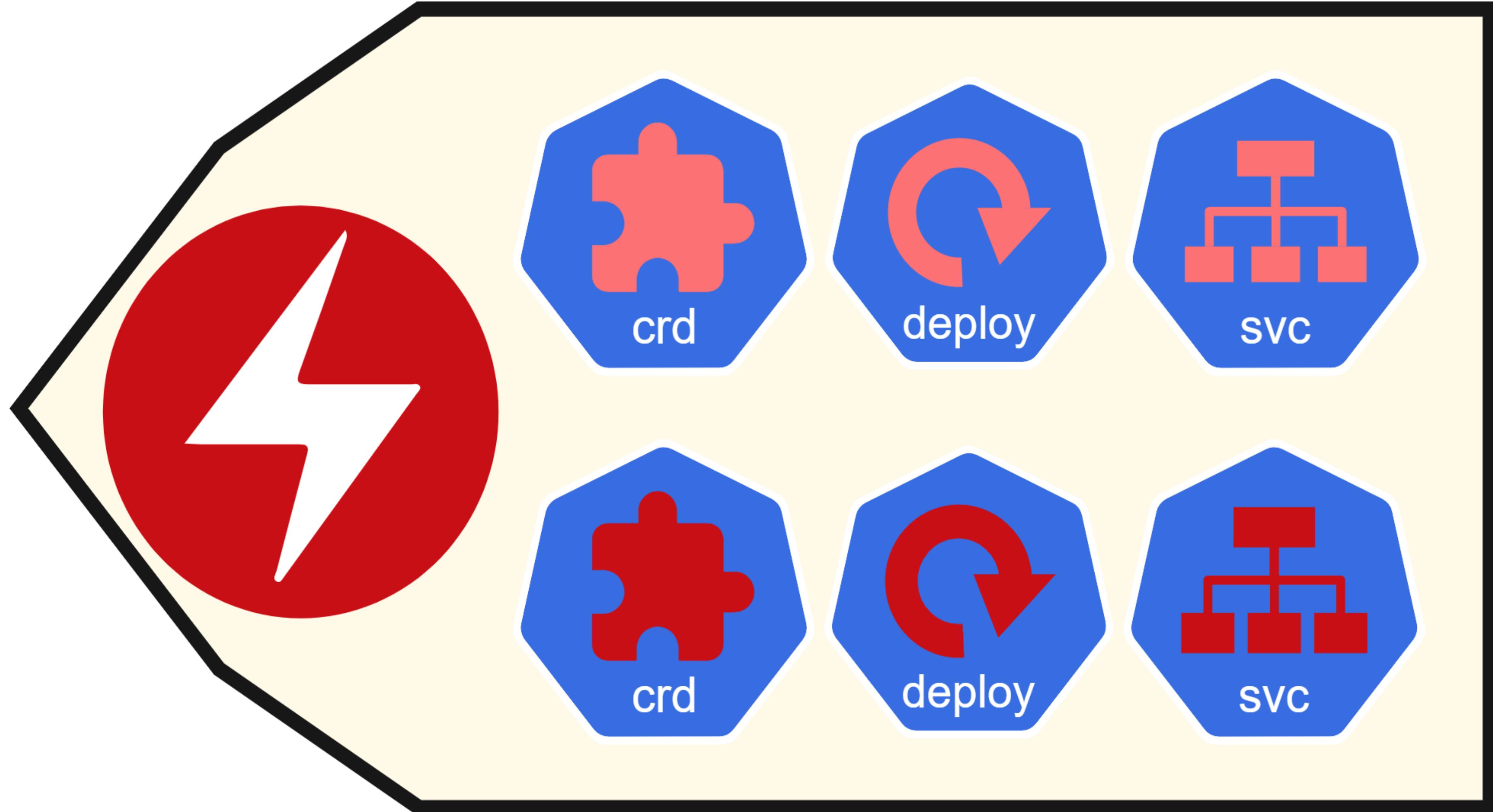










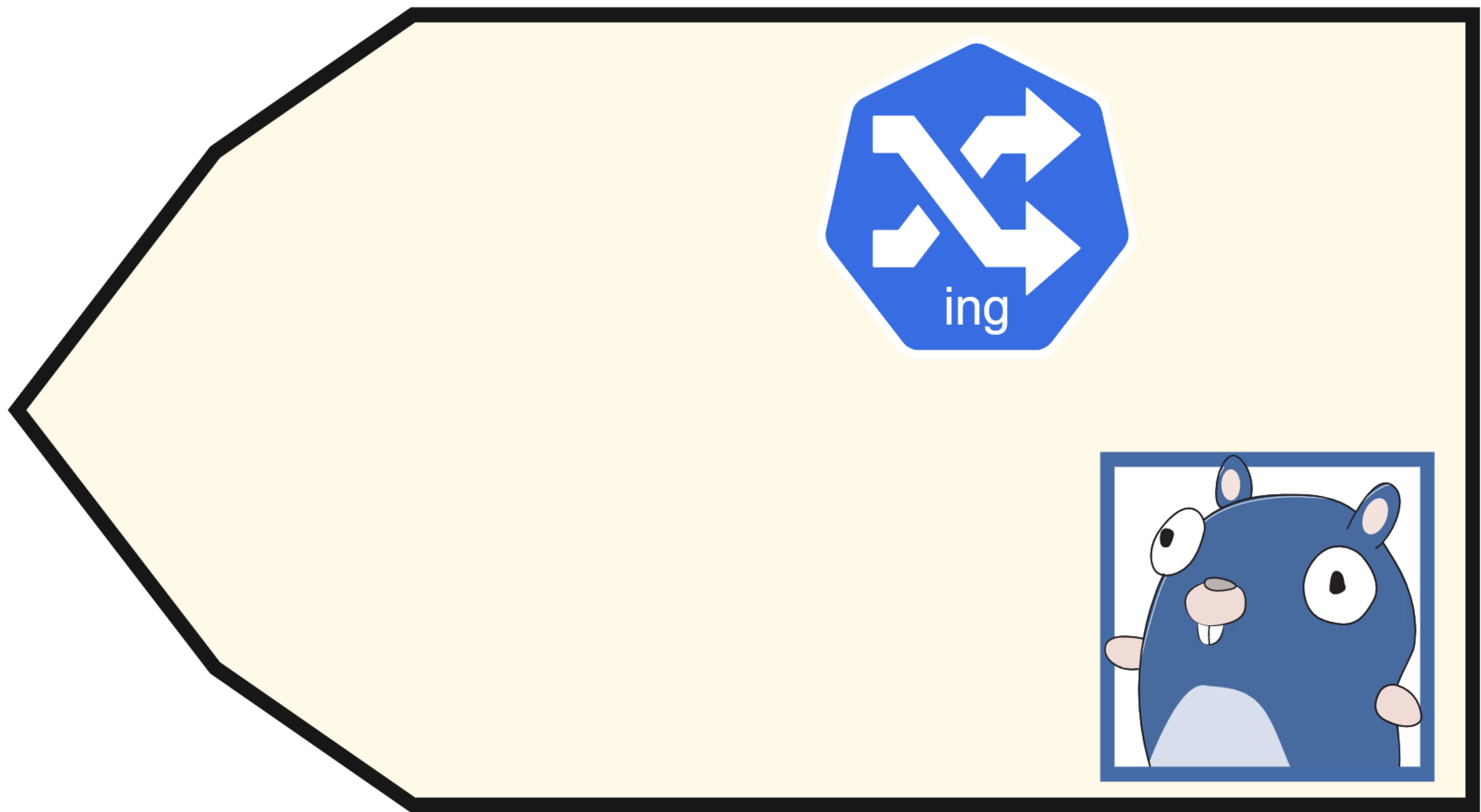


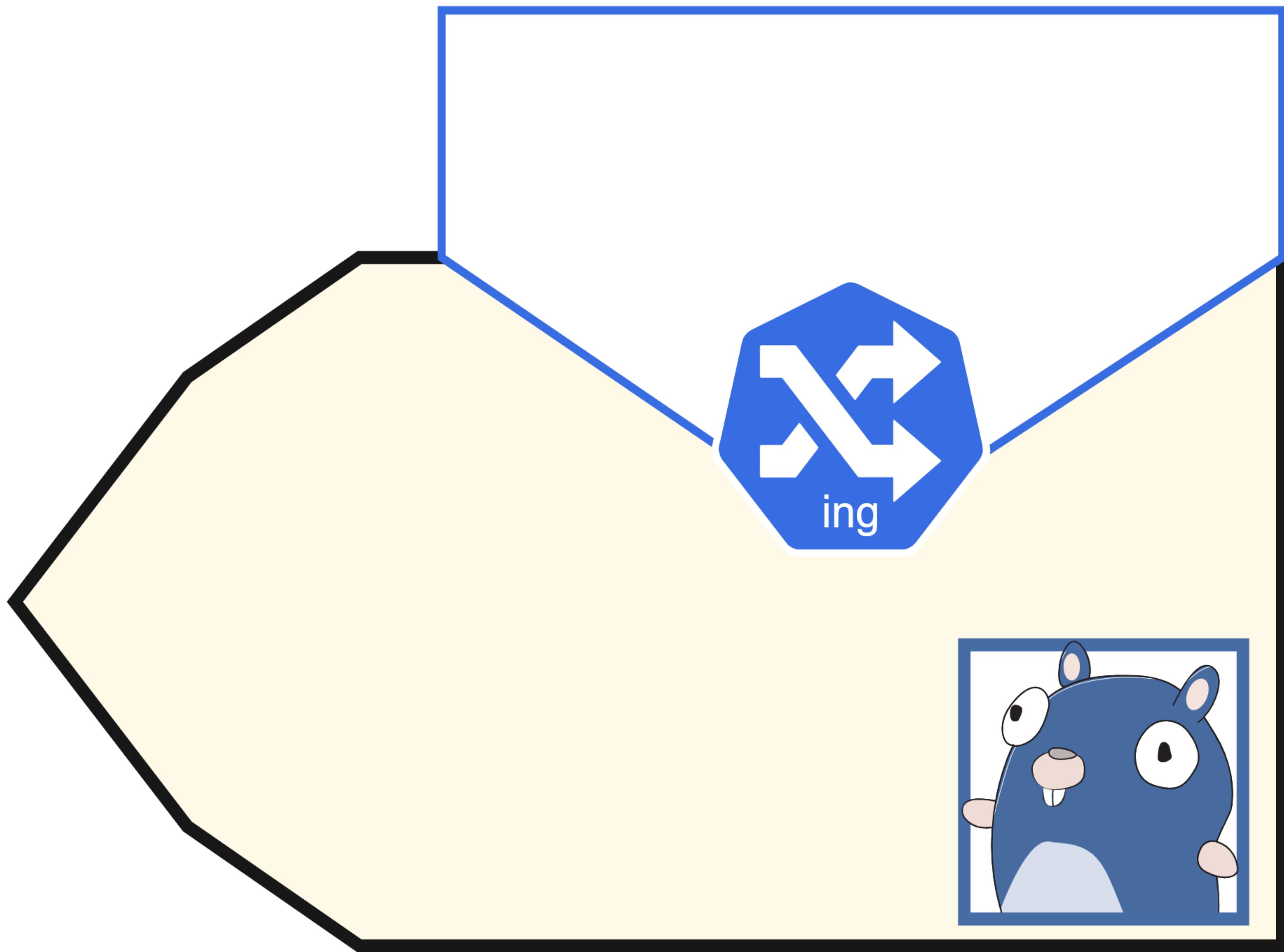


OPERATOR FRAMEWORK



CONTOUR

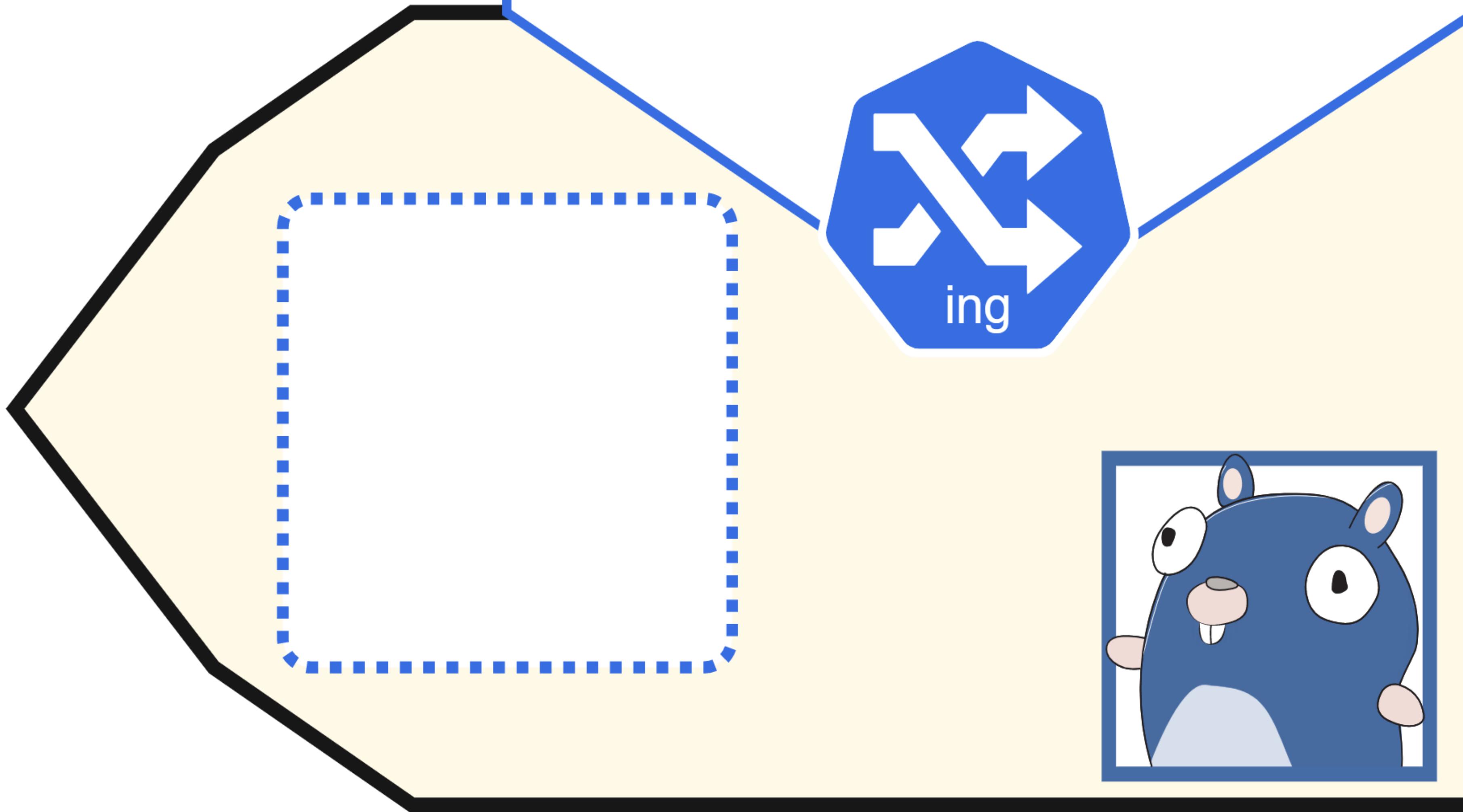


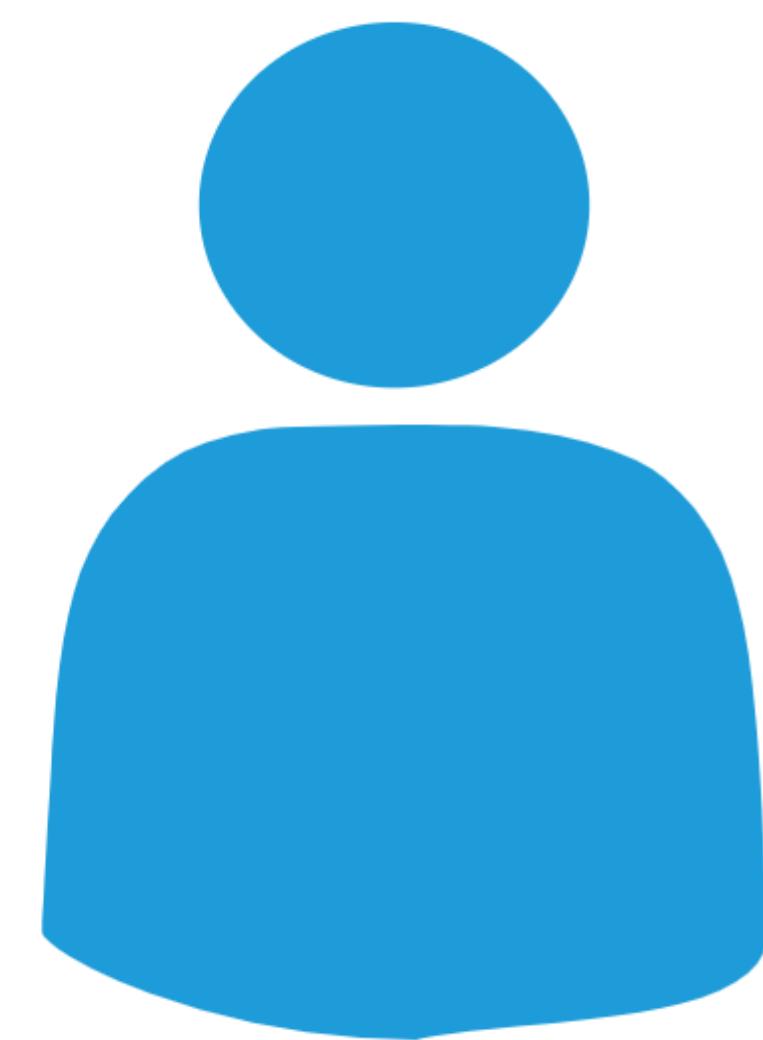


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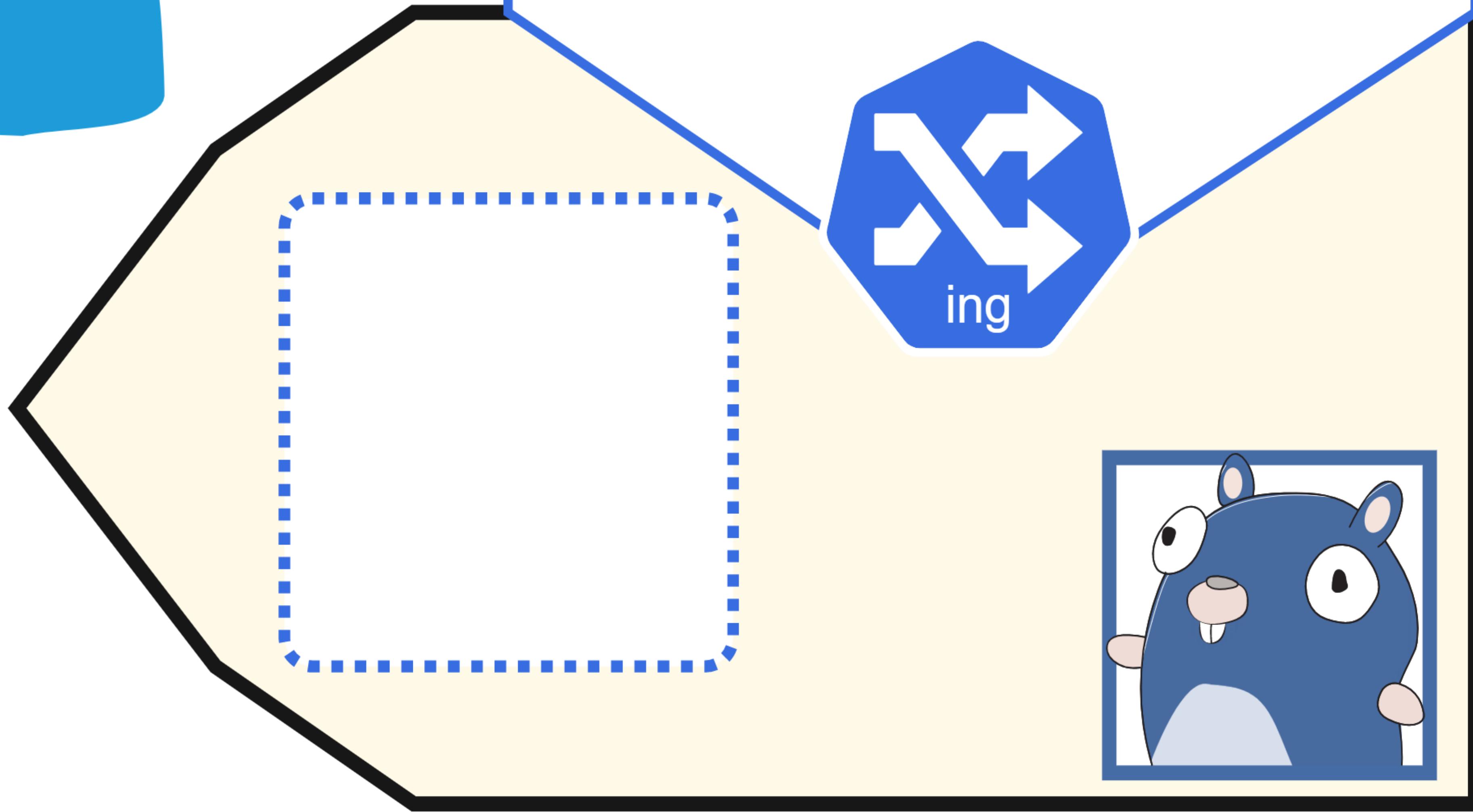


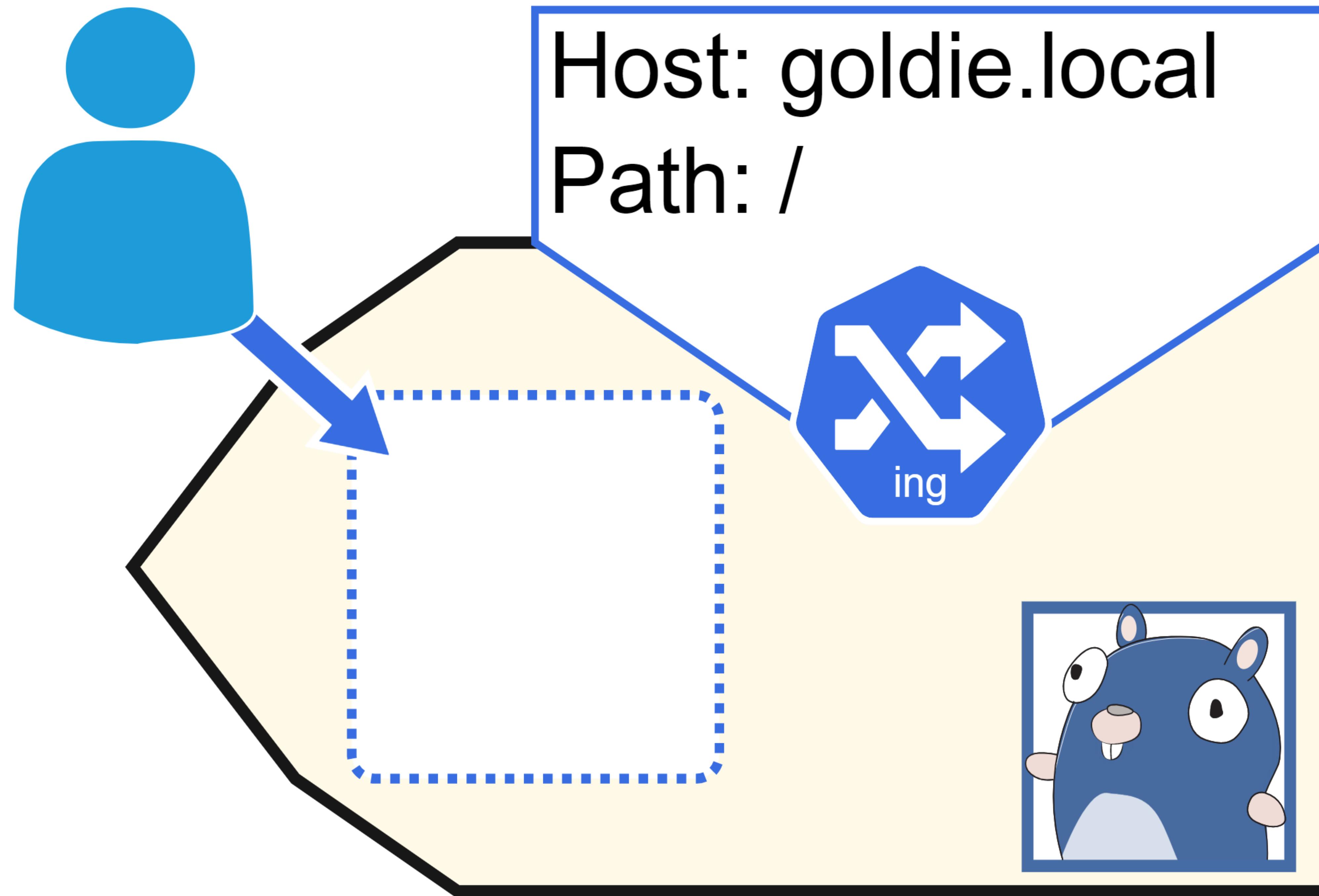
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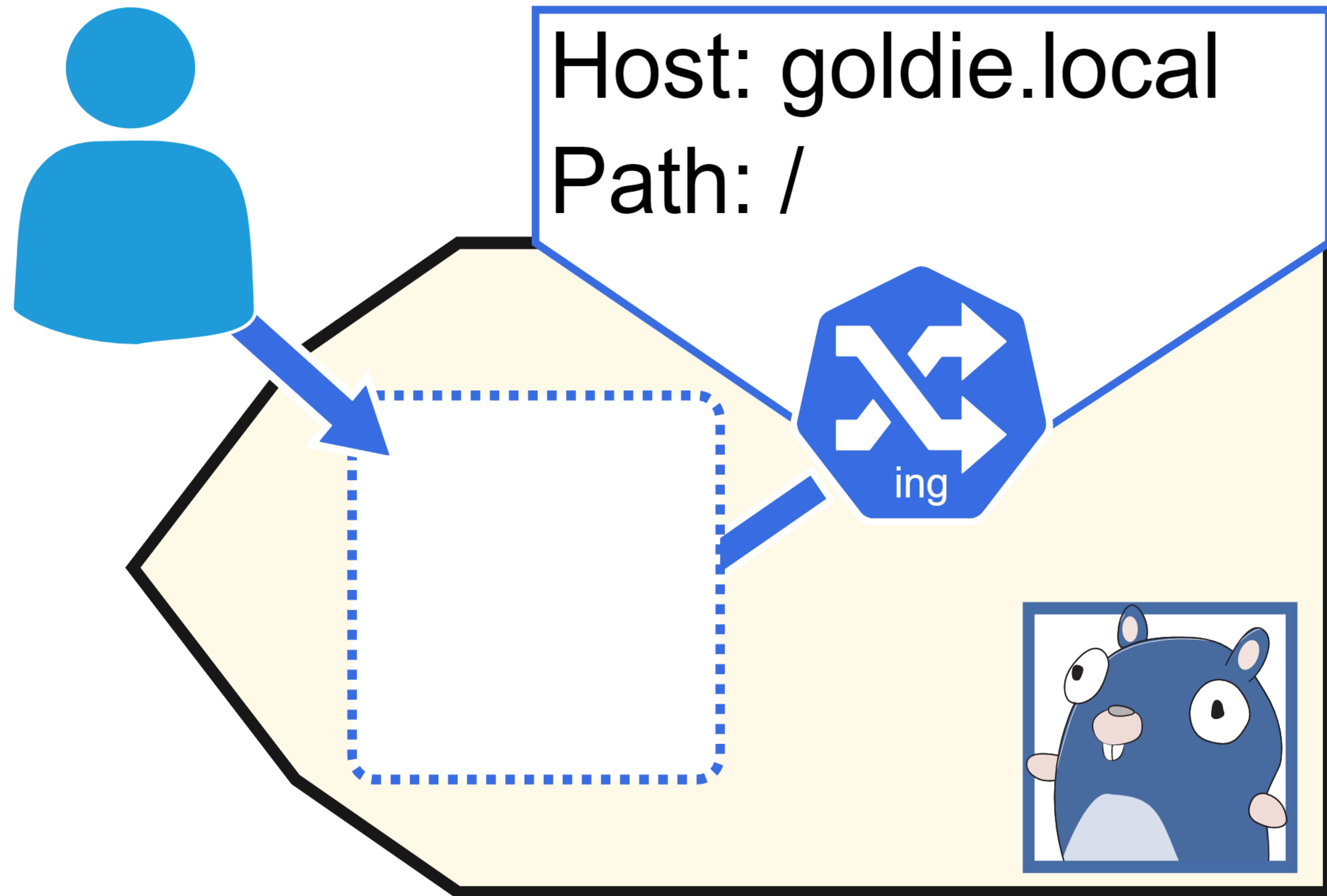


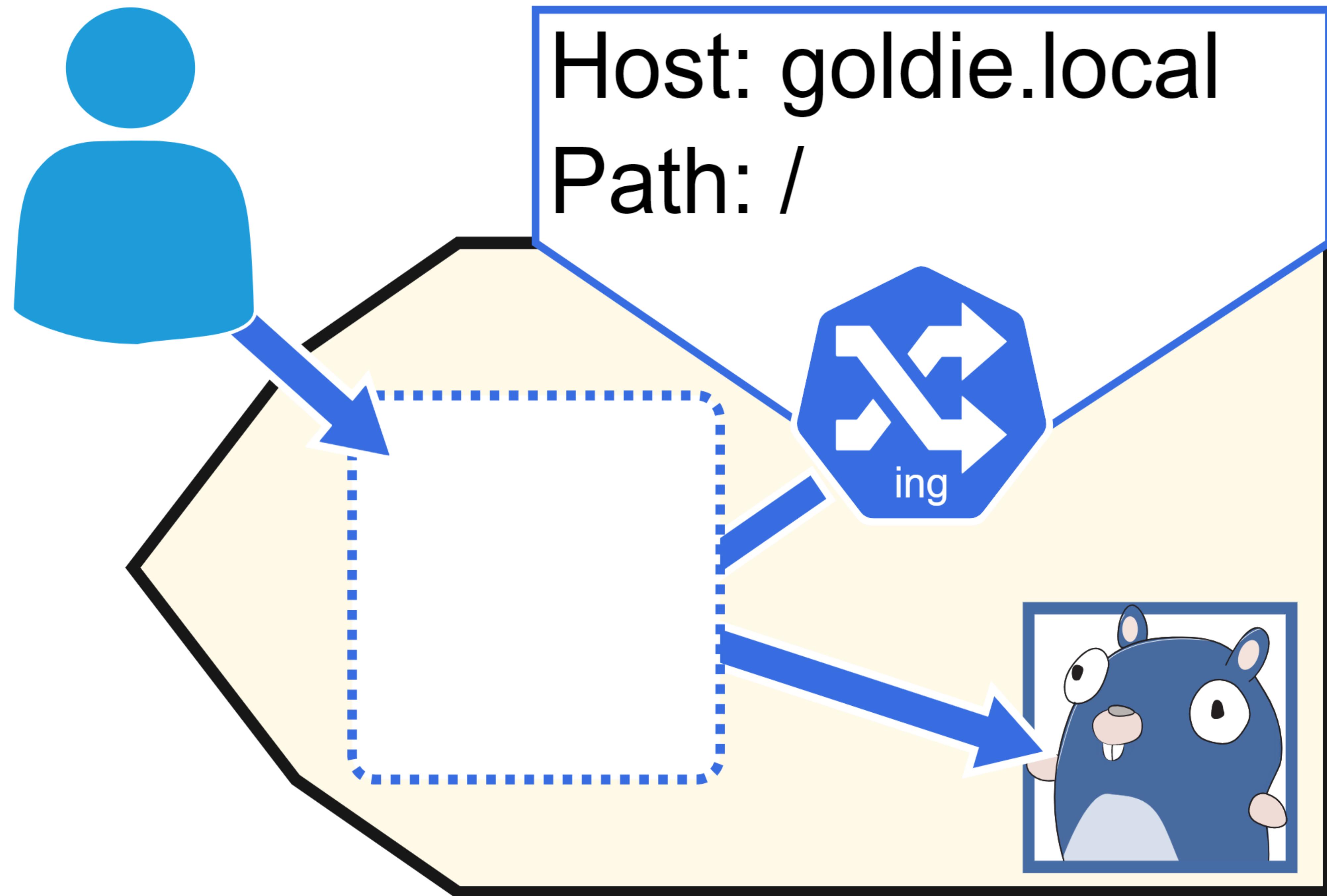


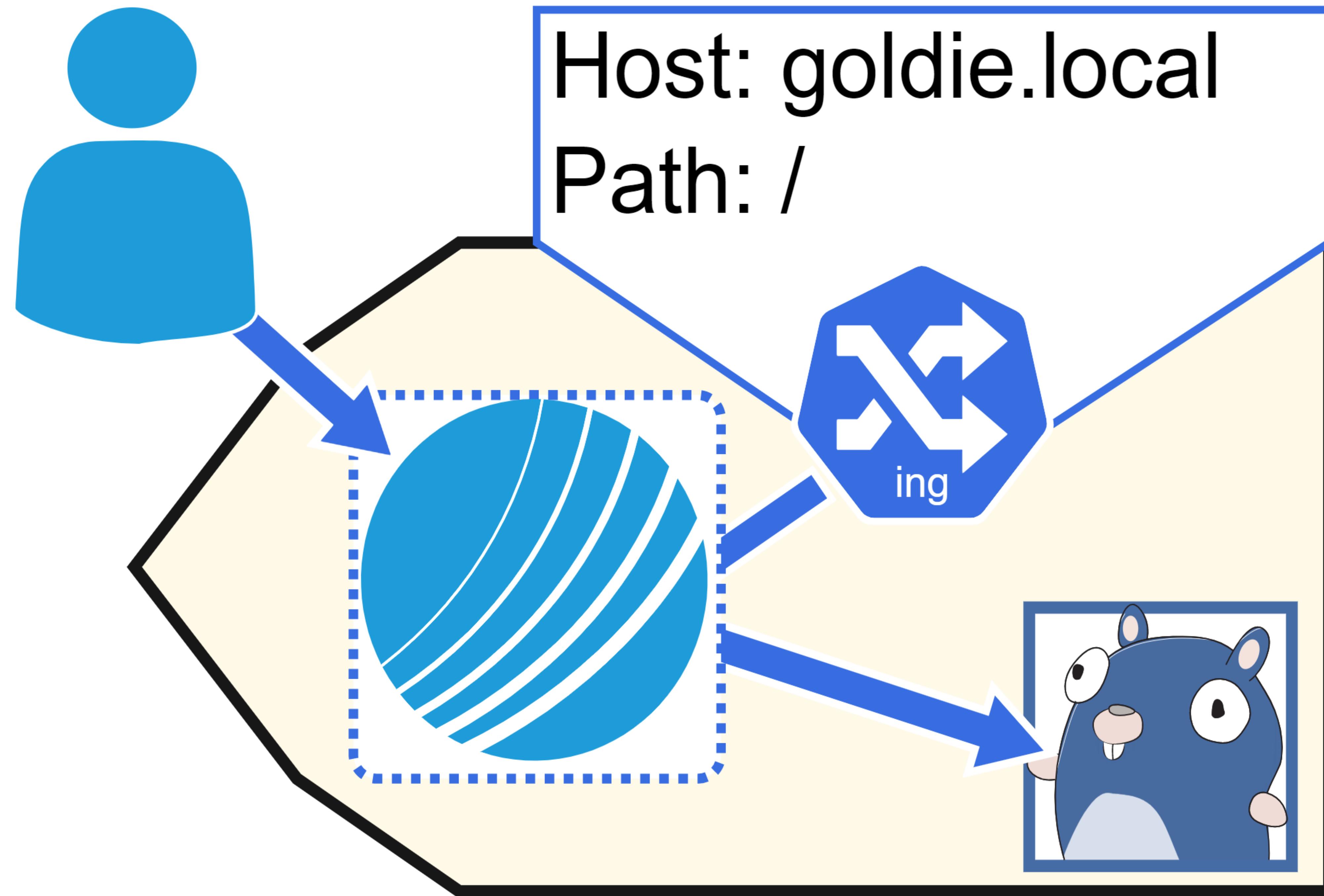
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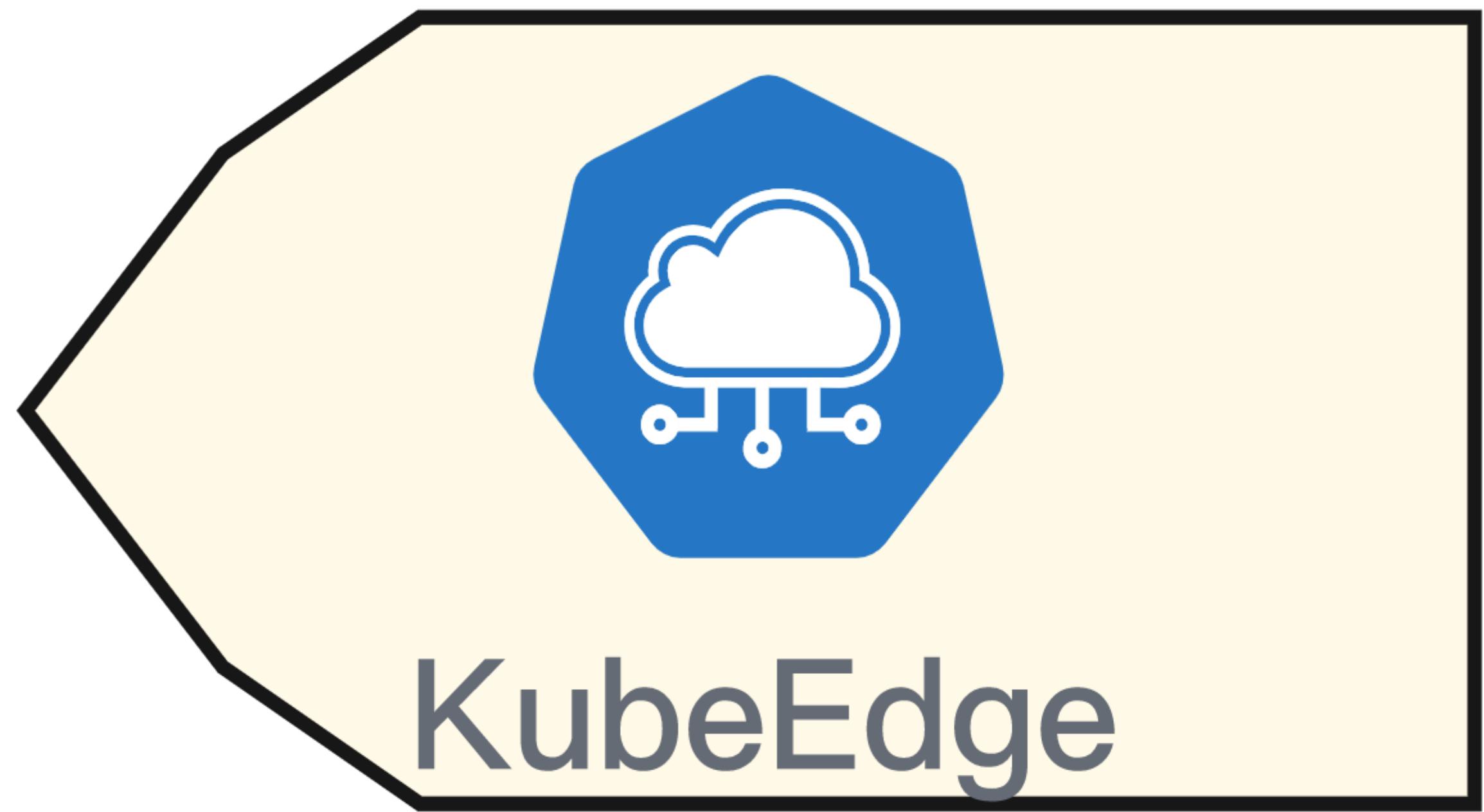


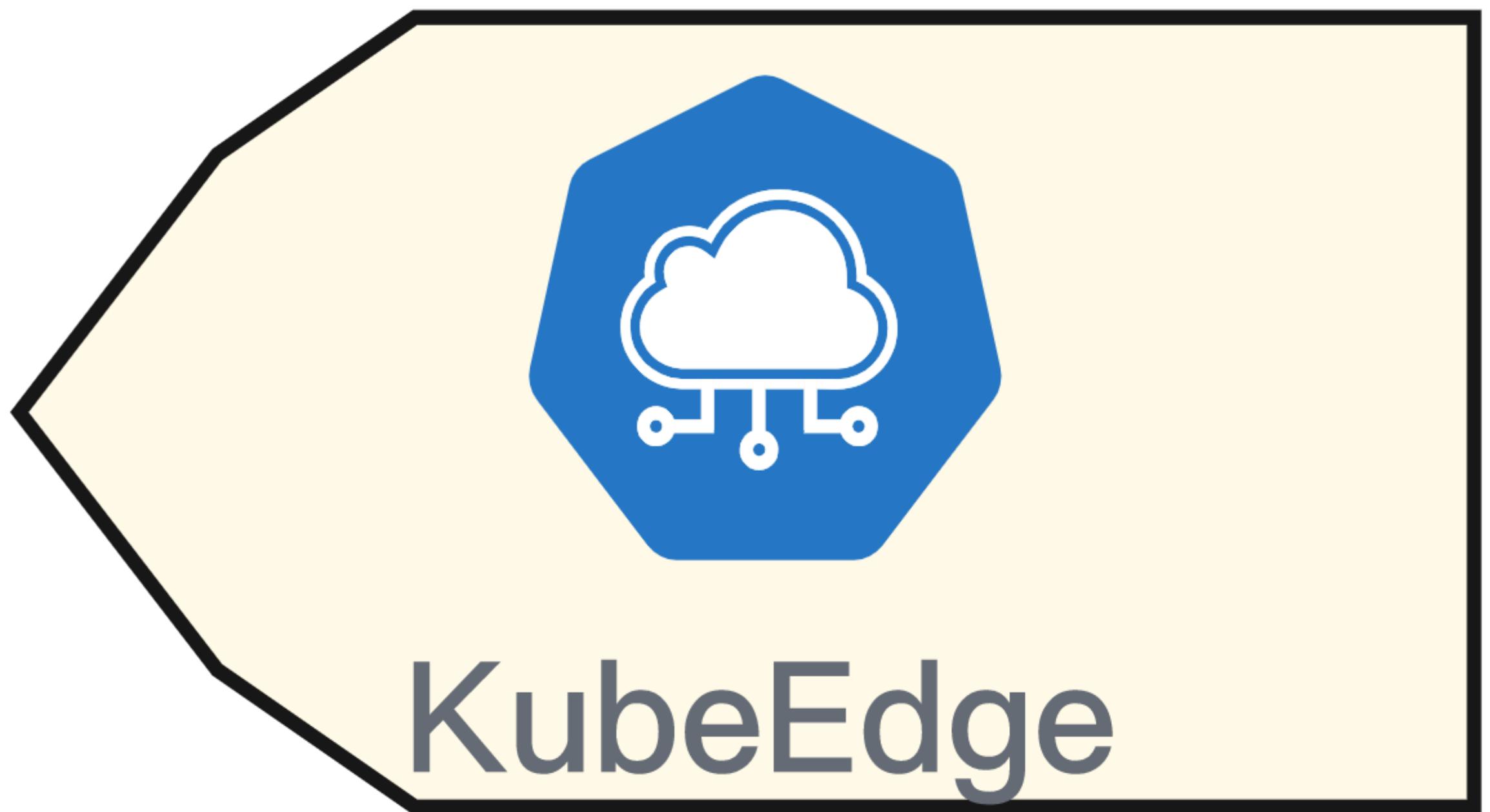
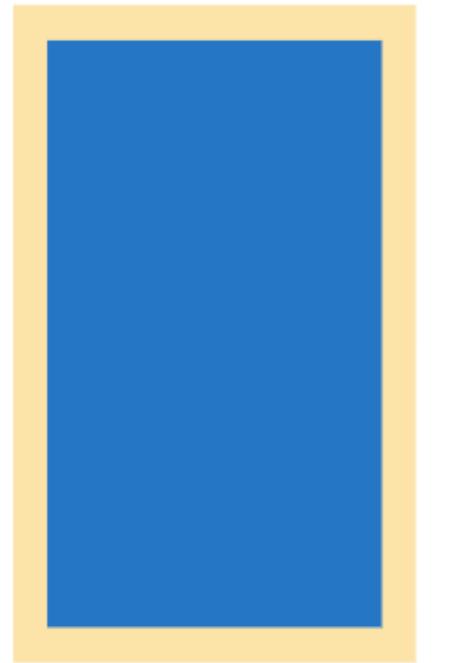
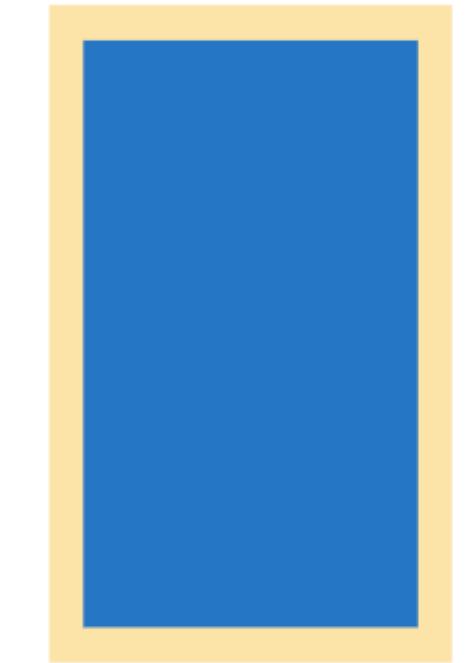


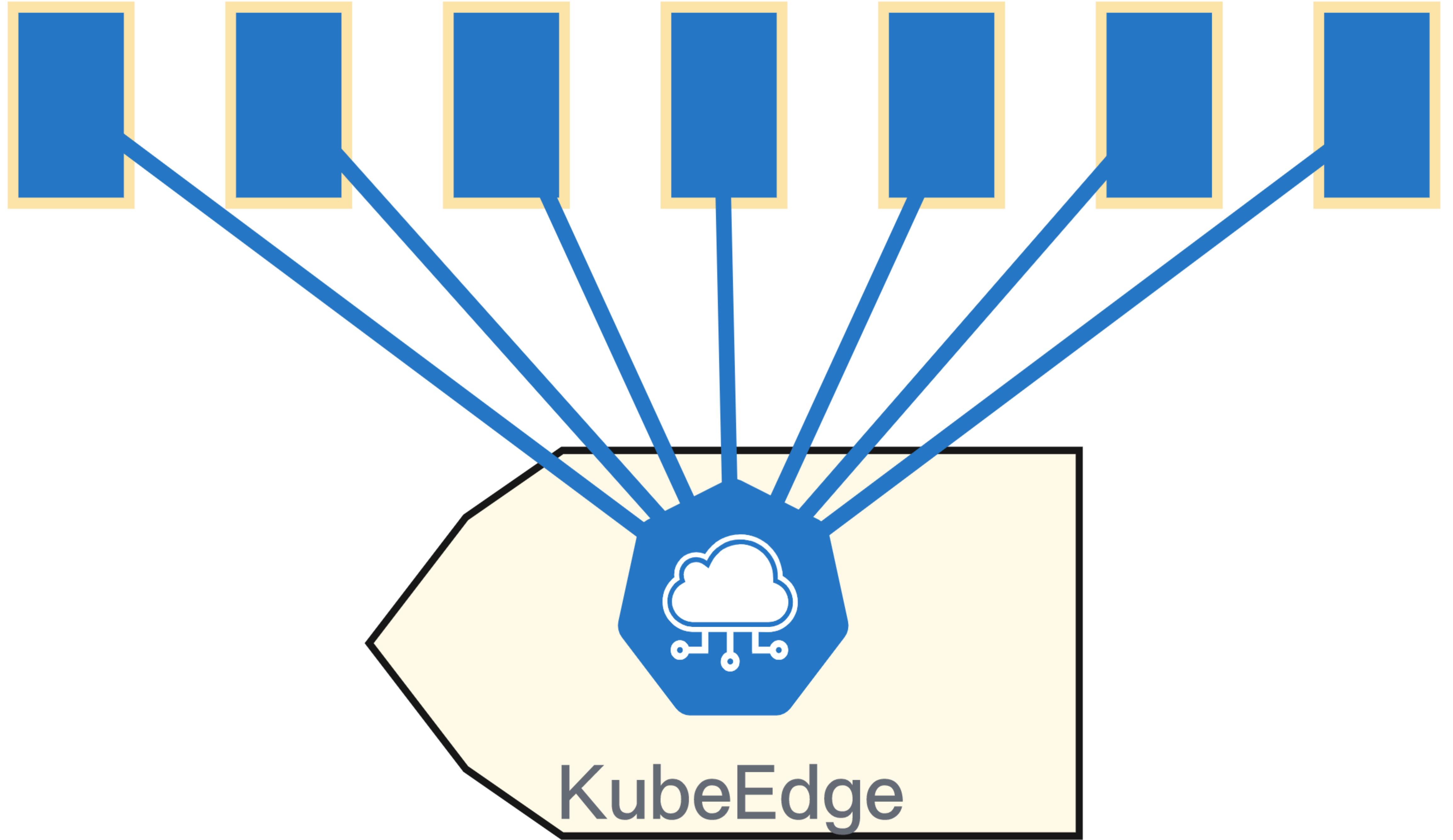
CONTOUR



KubeEdge



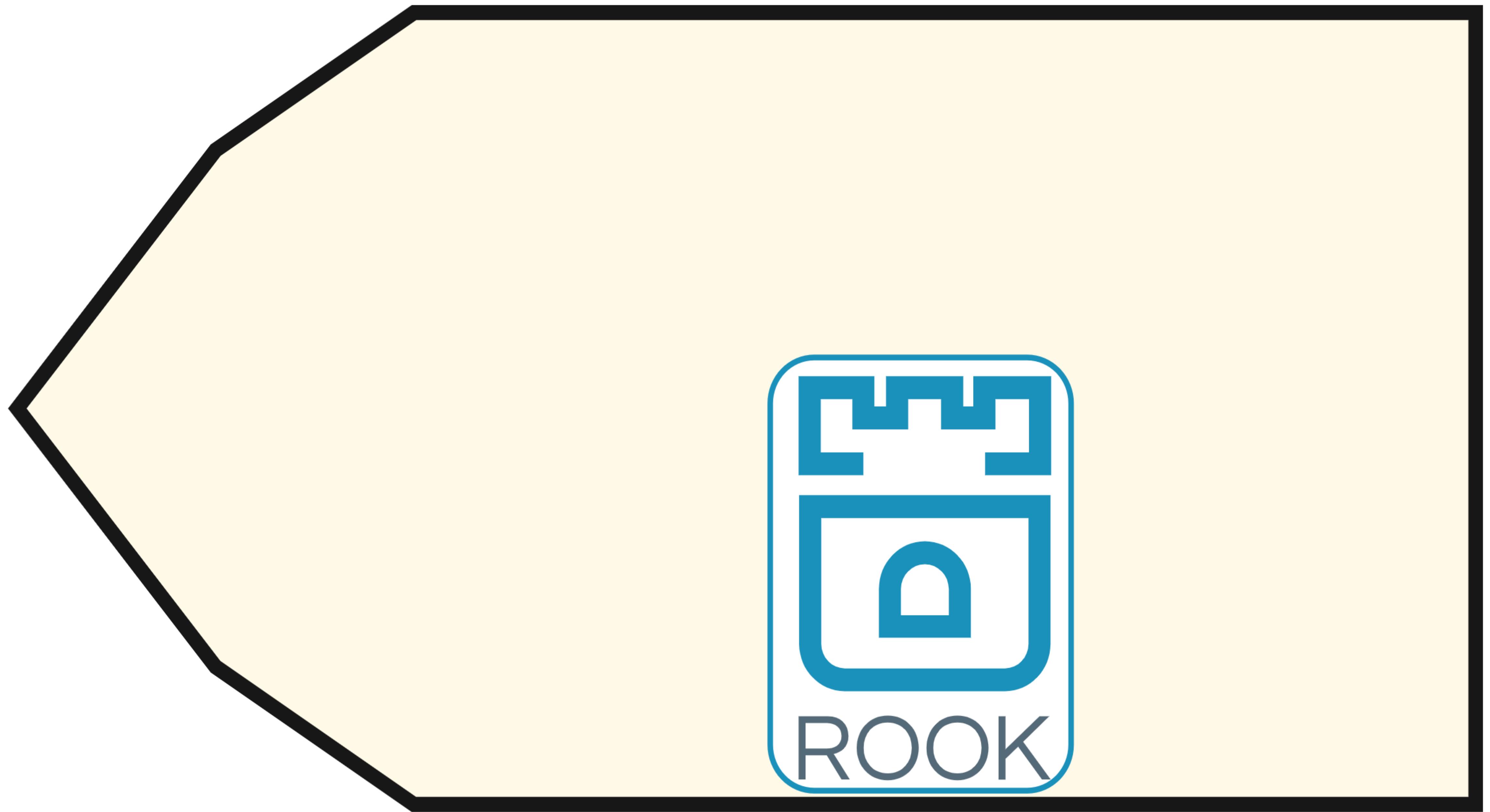


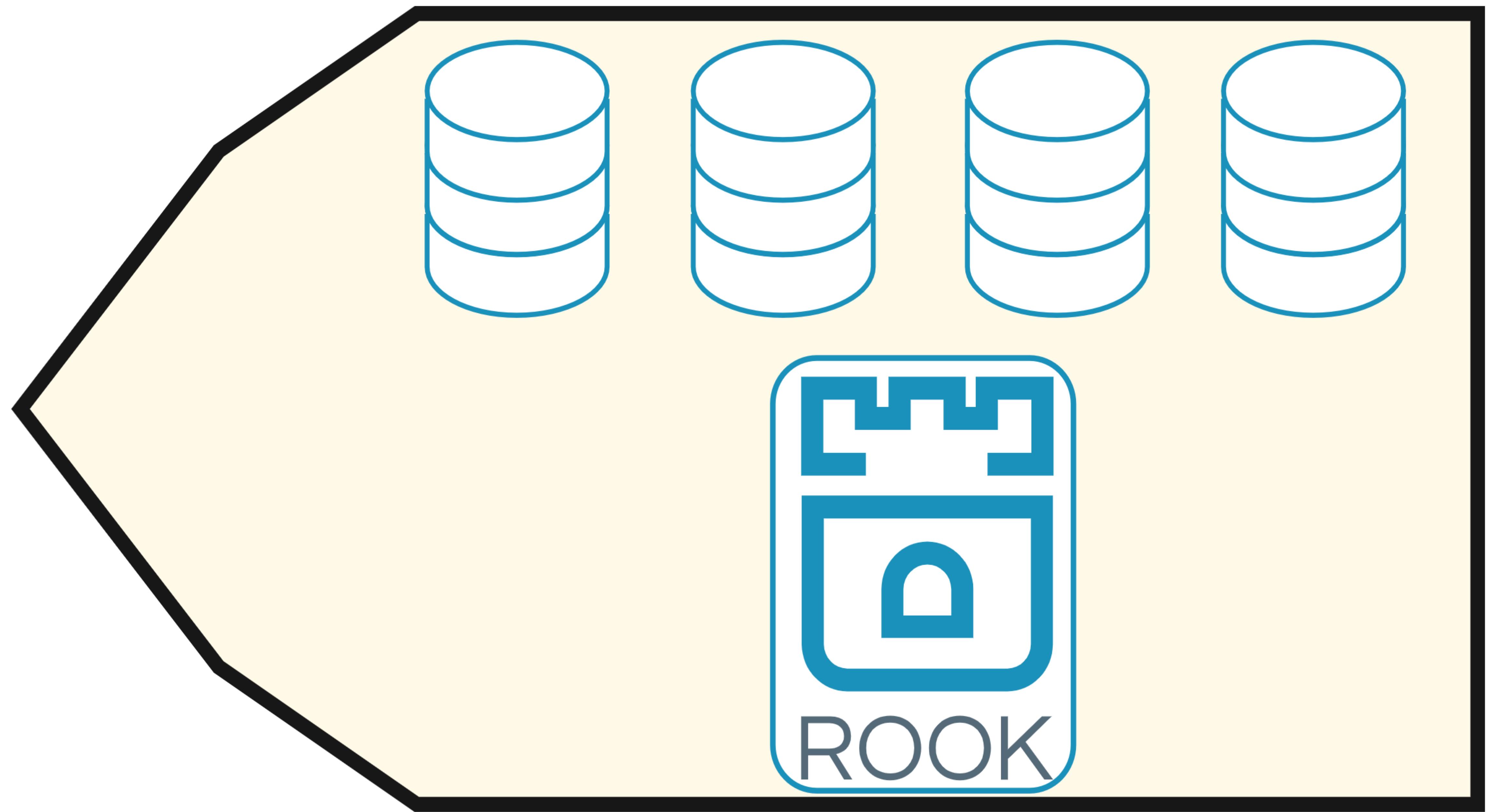


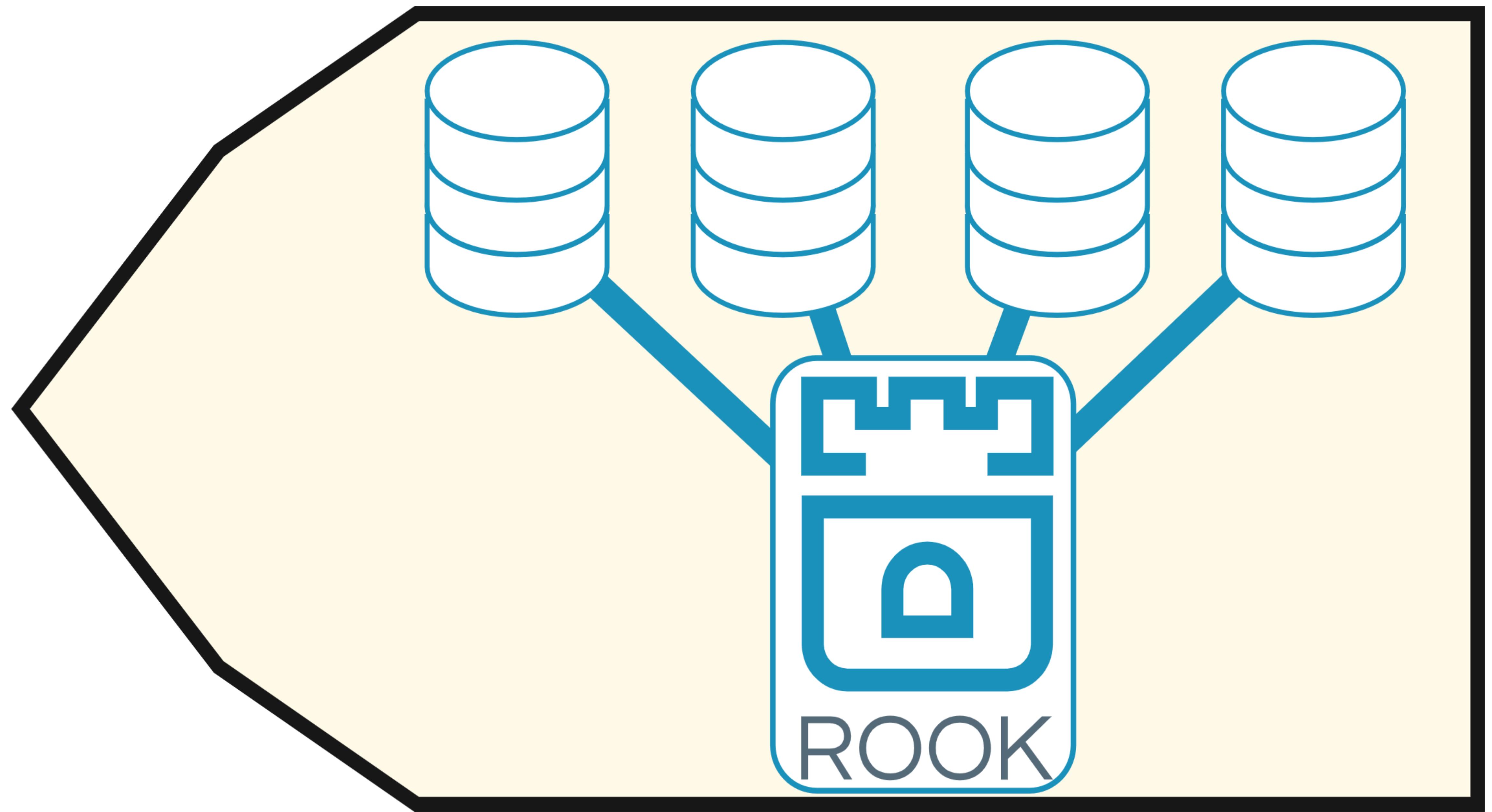


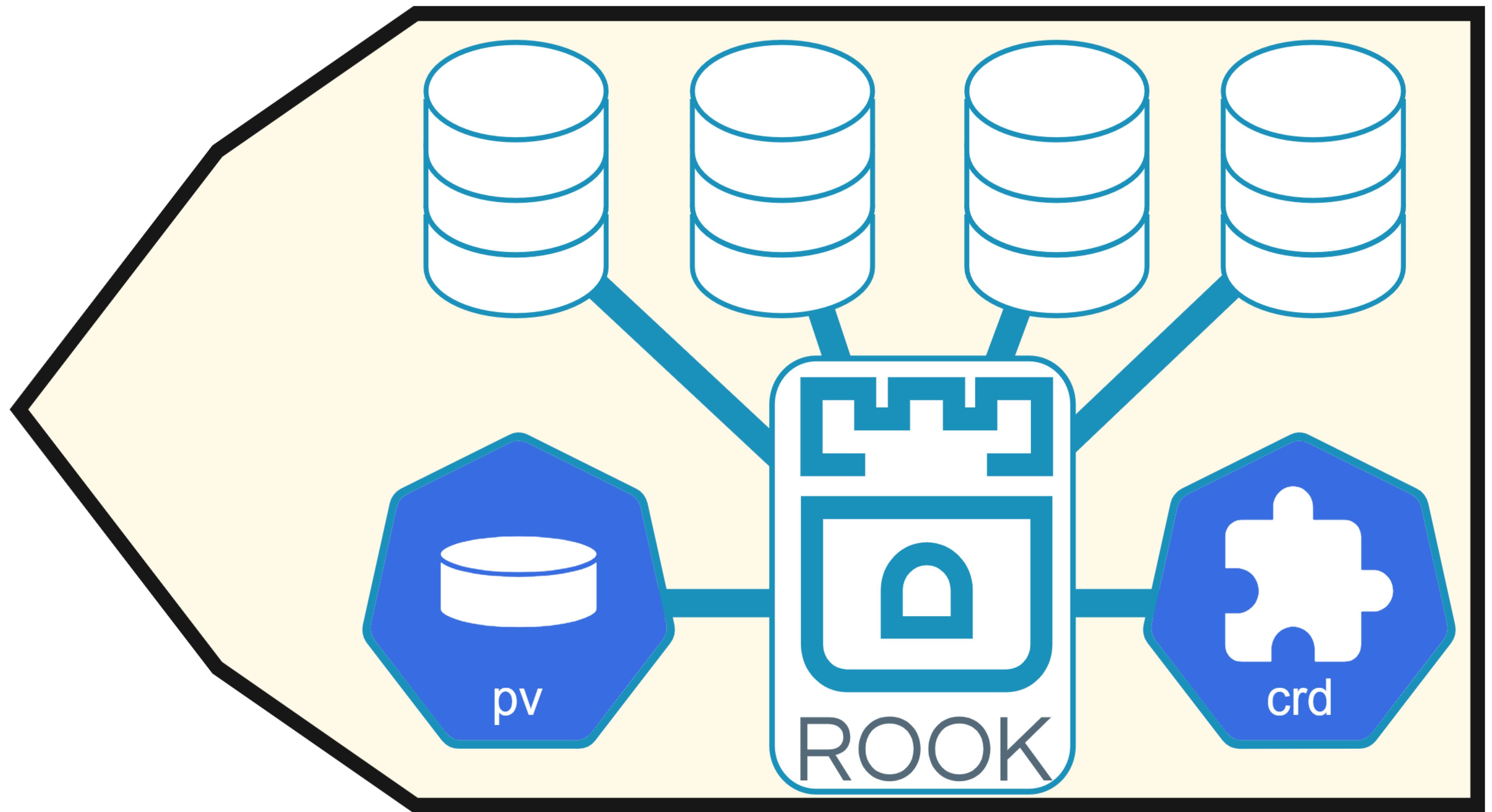
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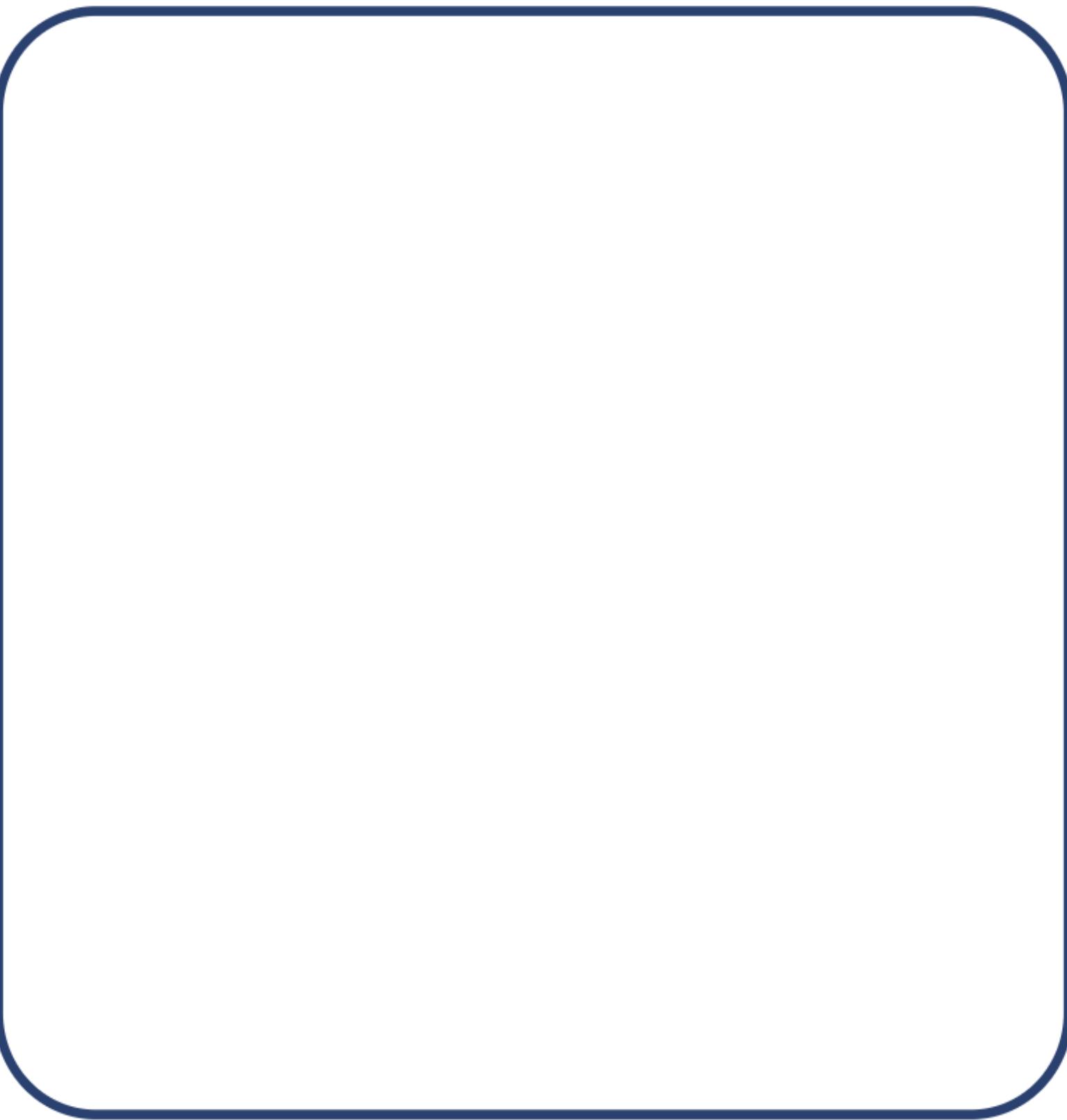
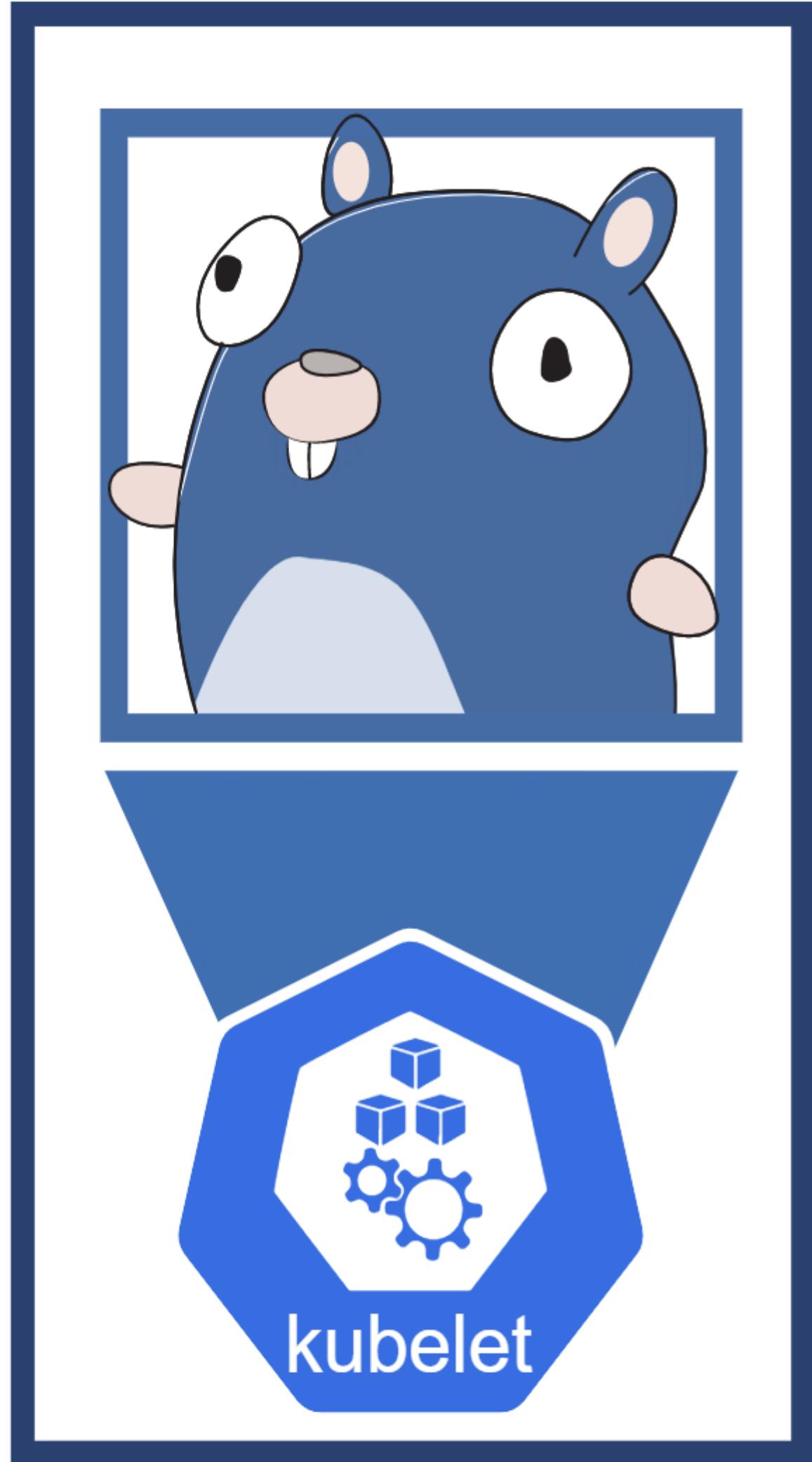


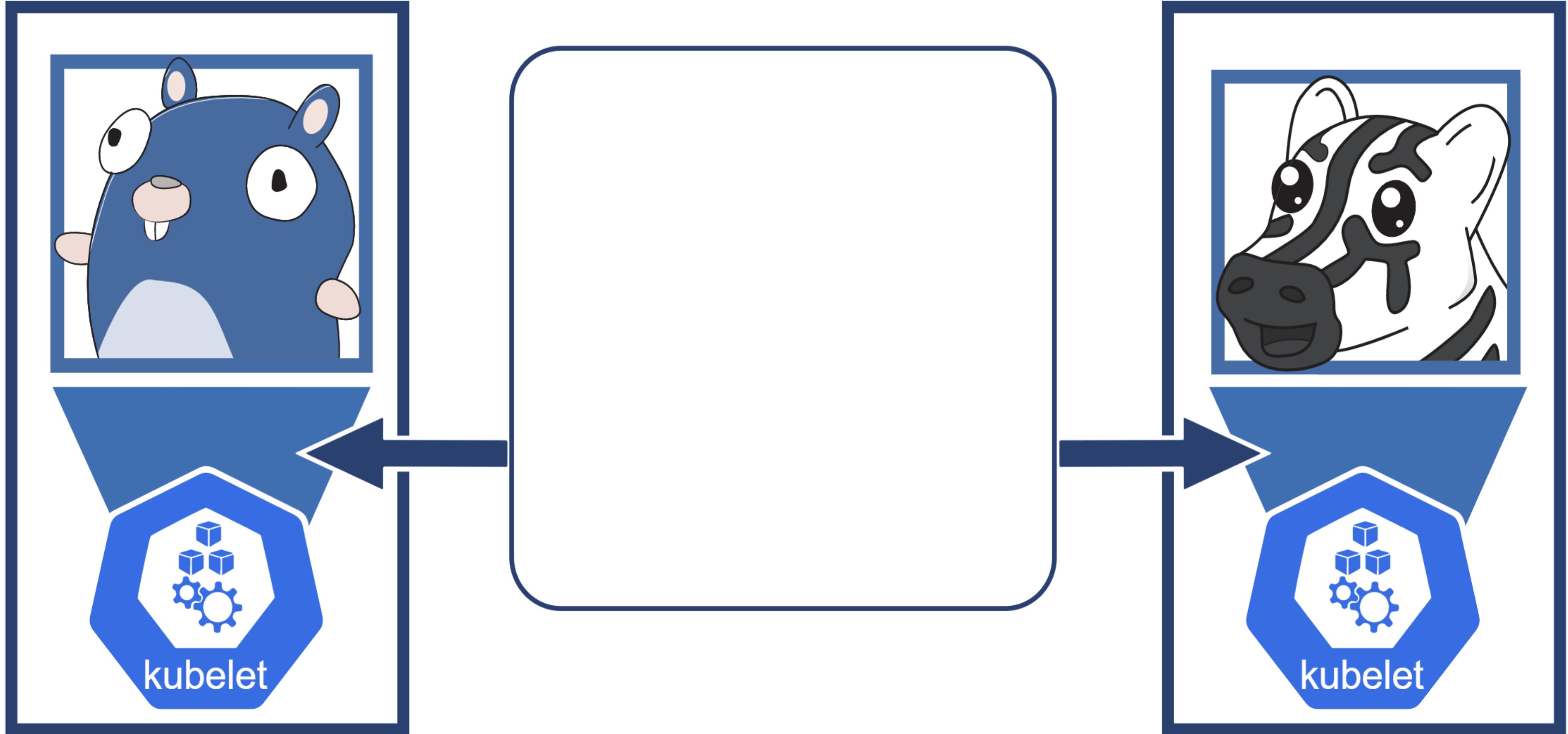






cri-o

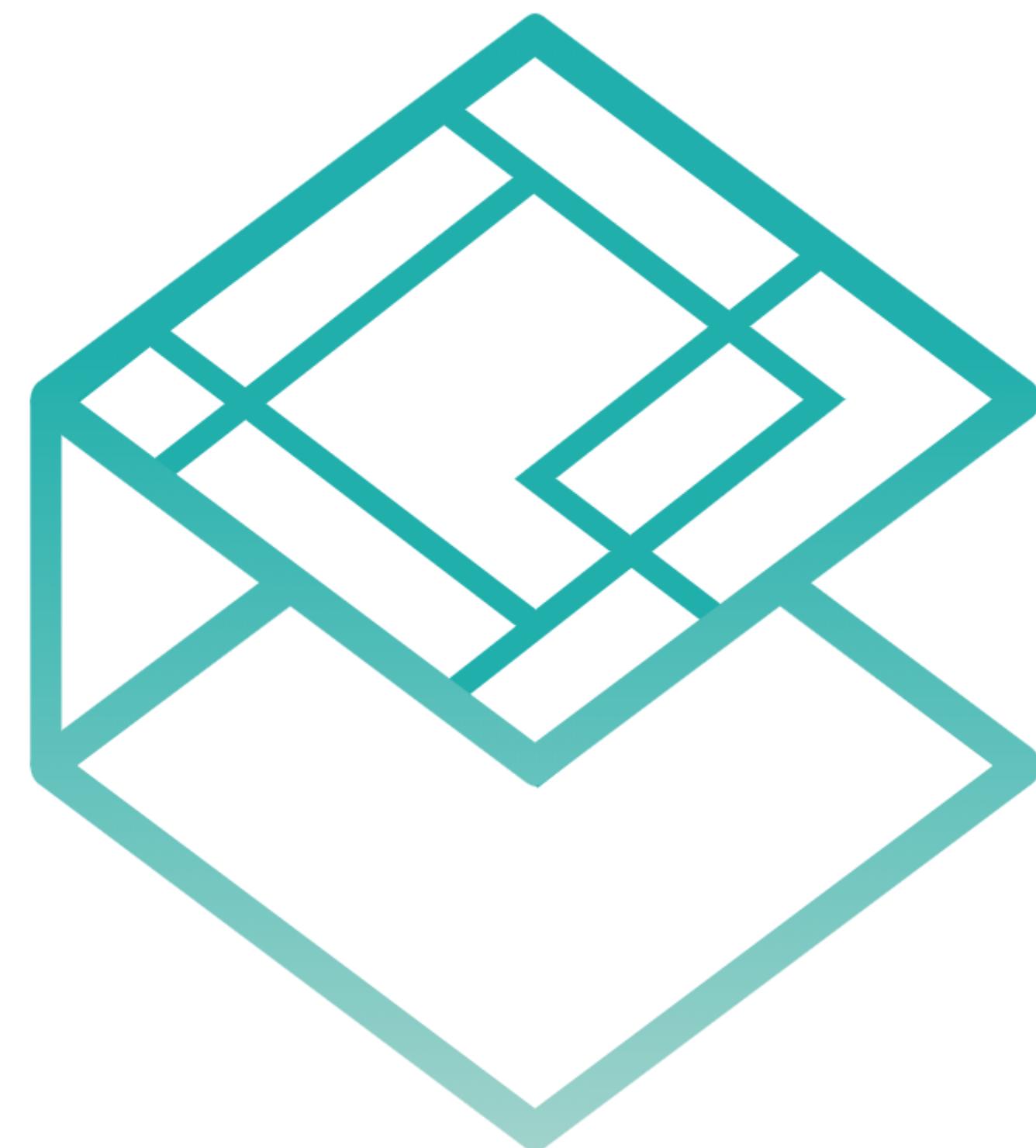




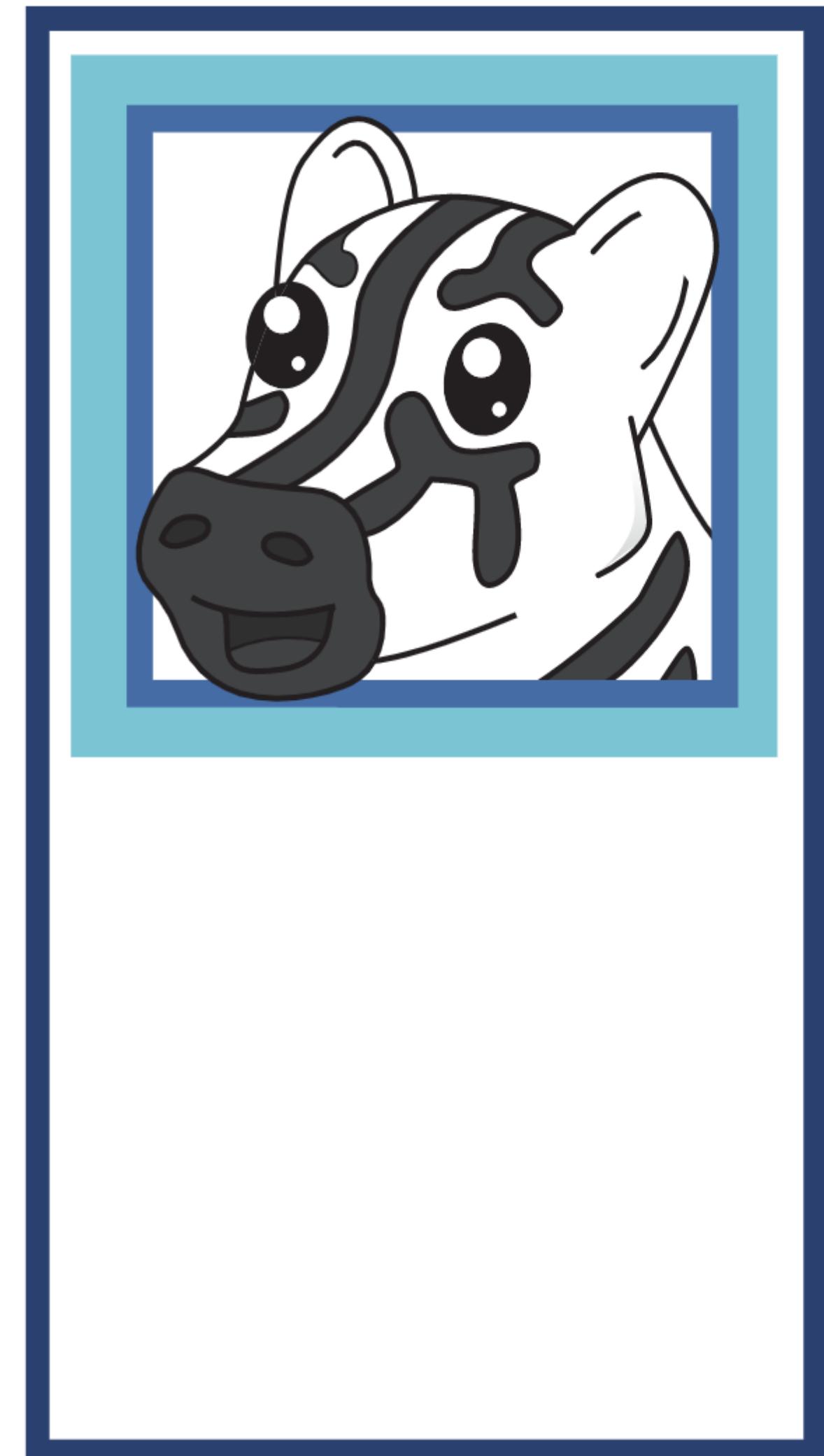
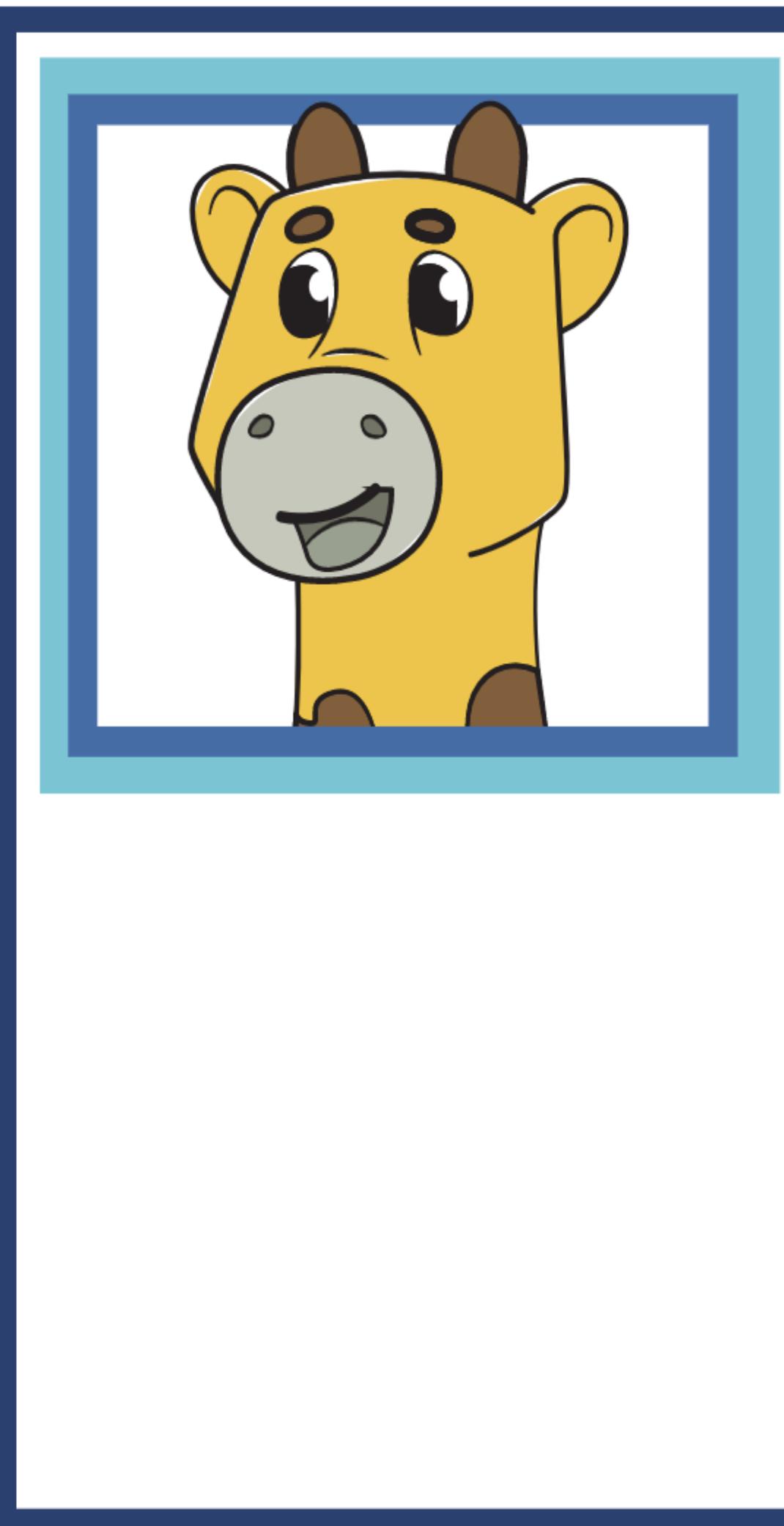


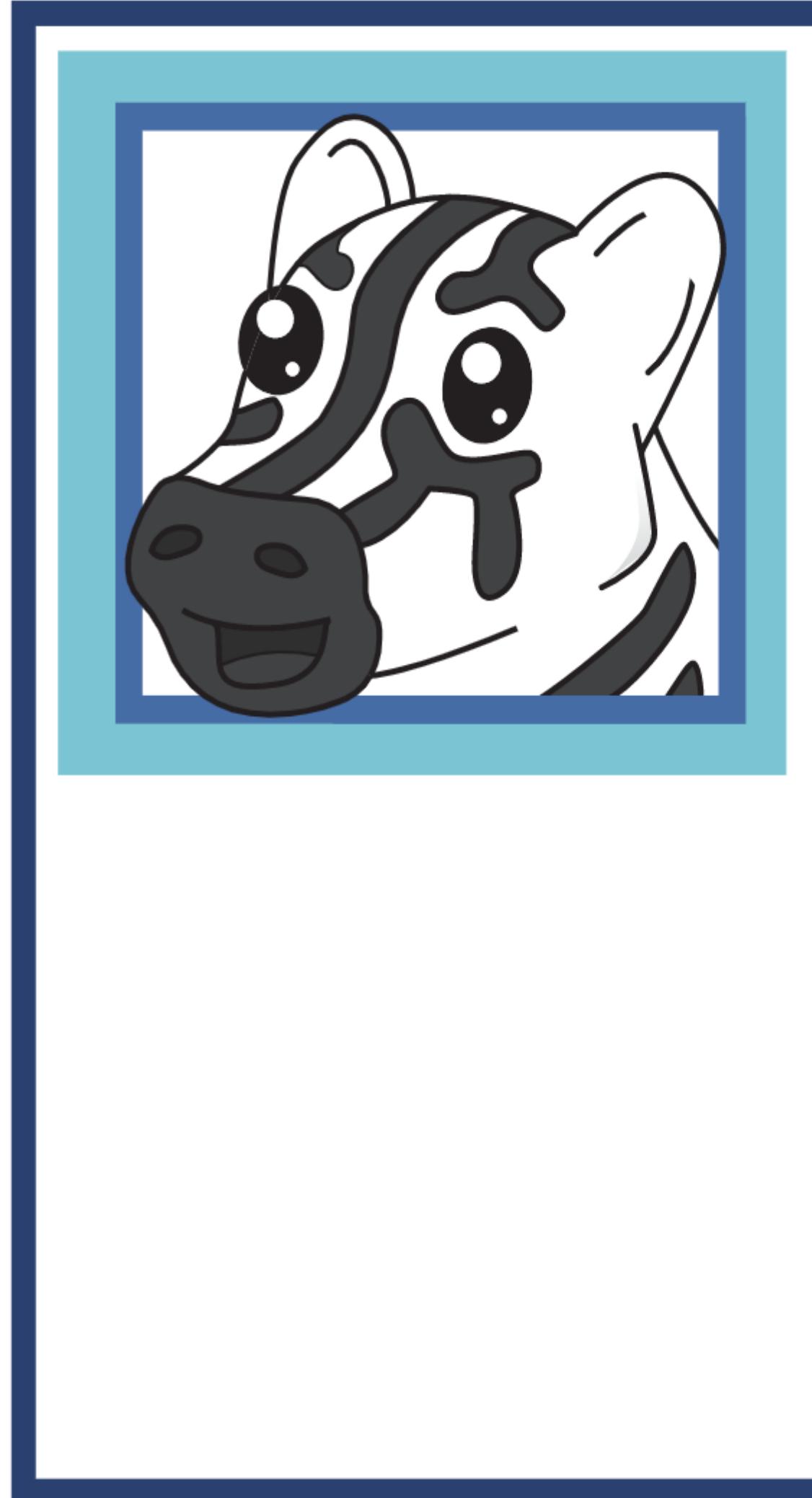
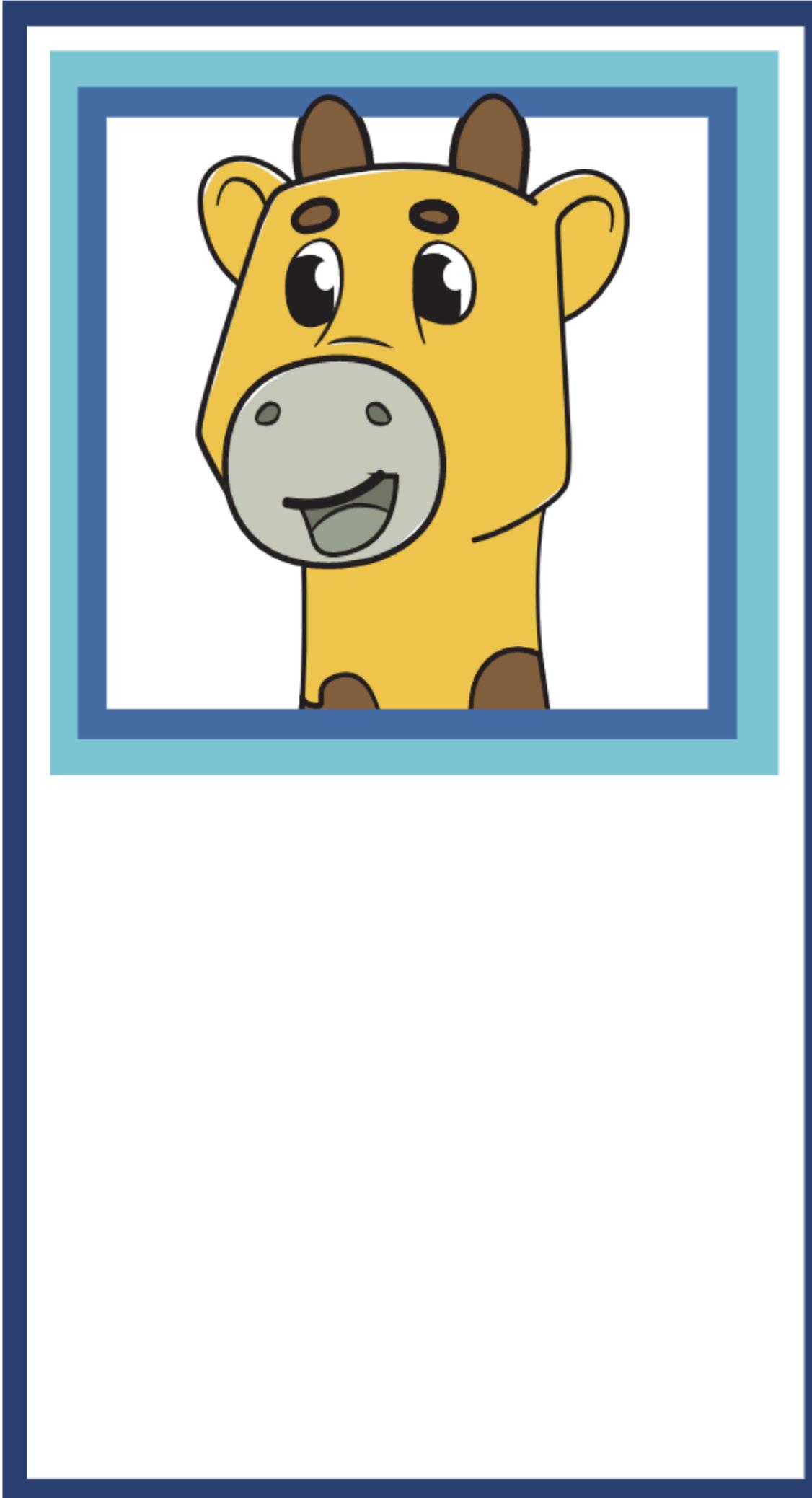
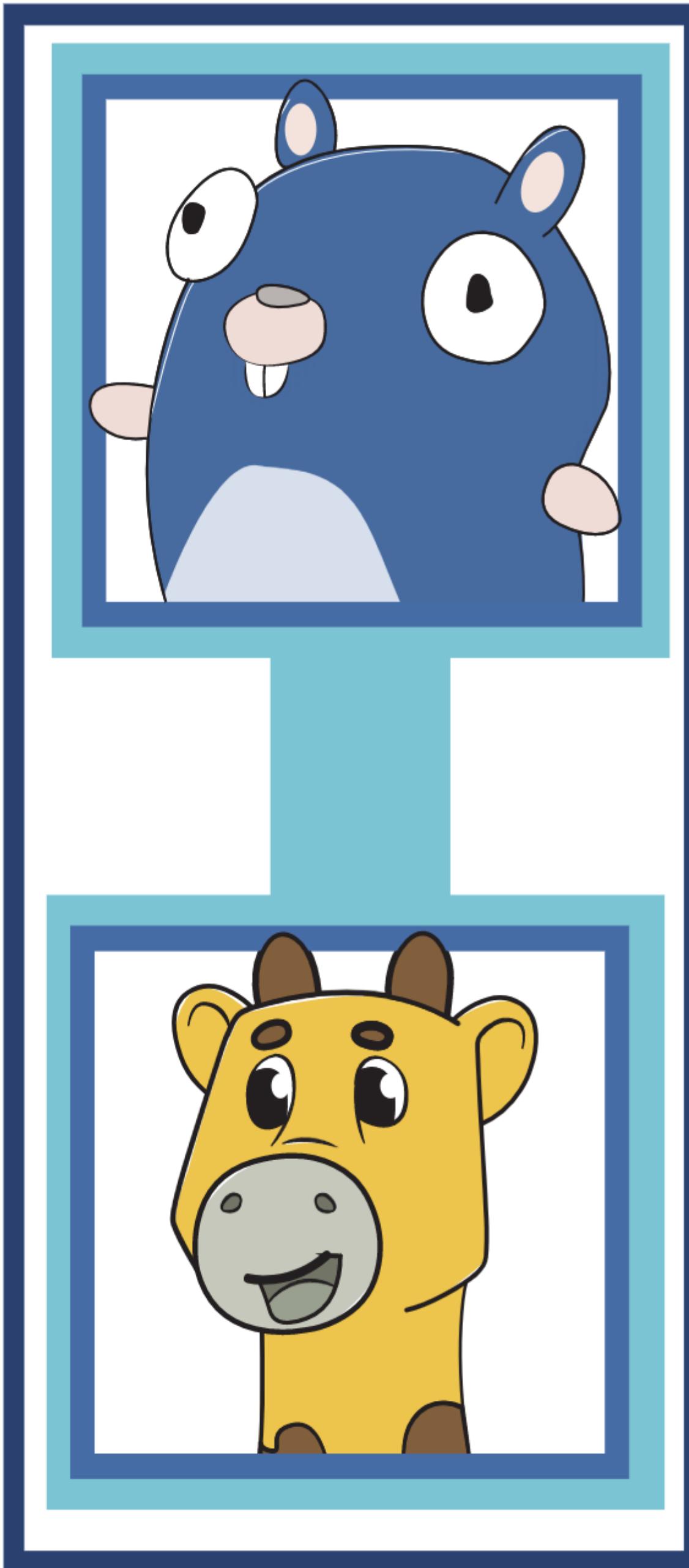


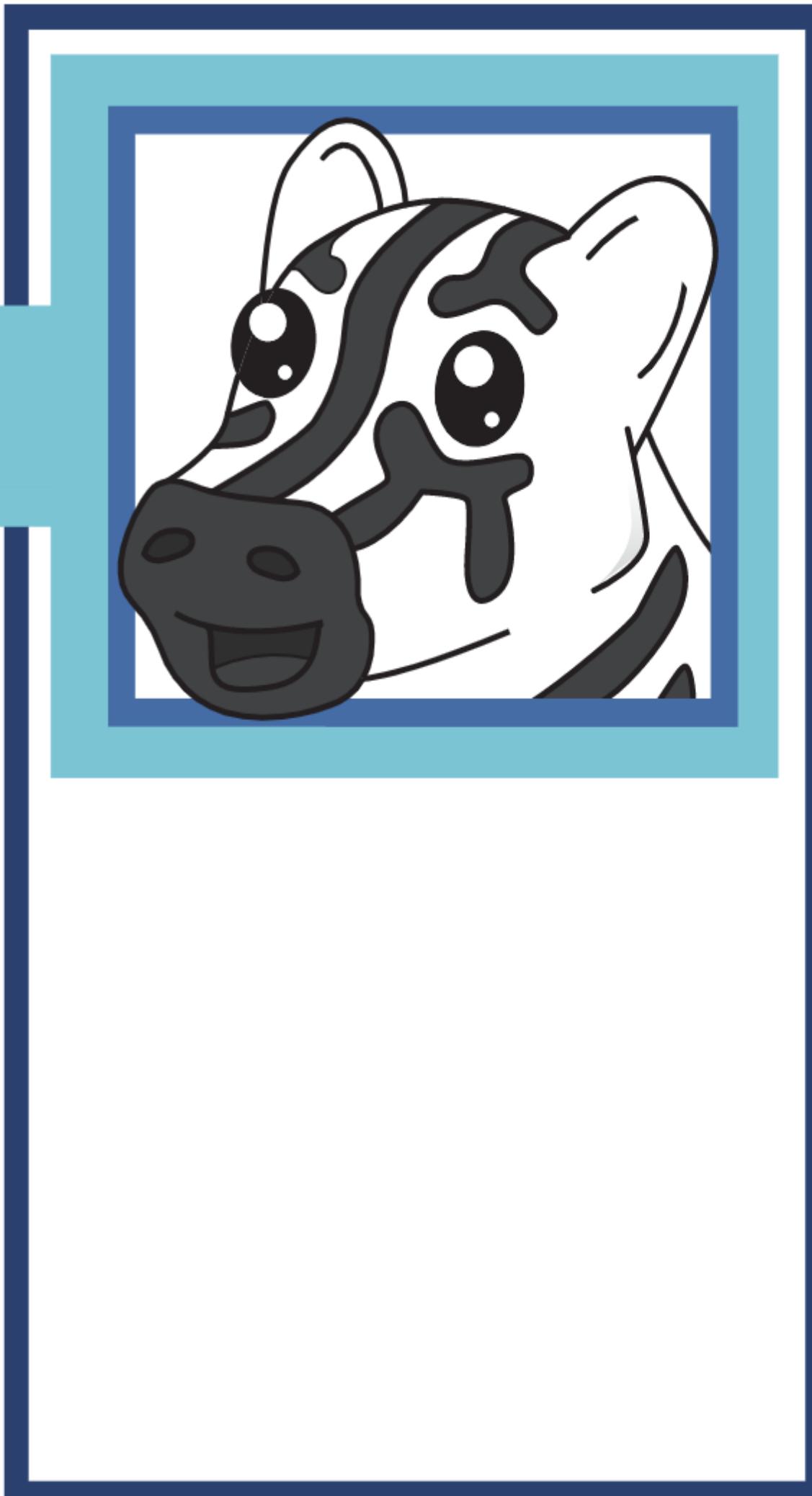
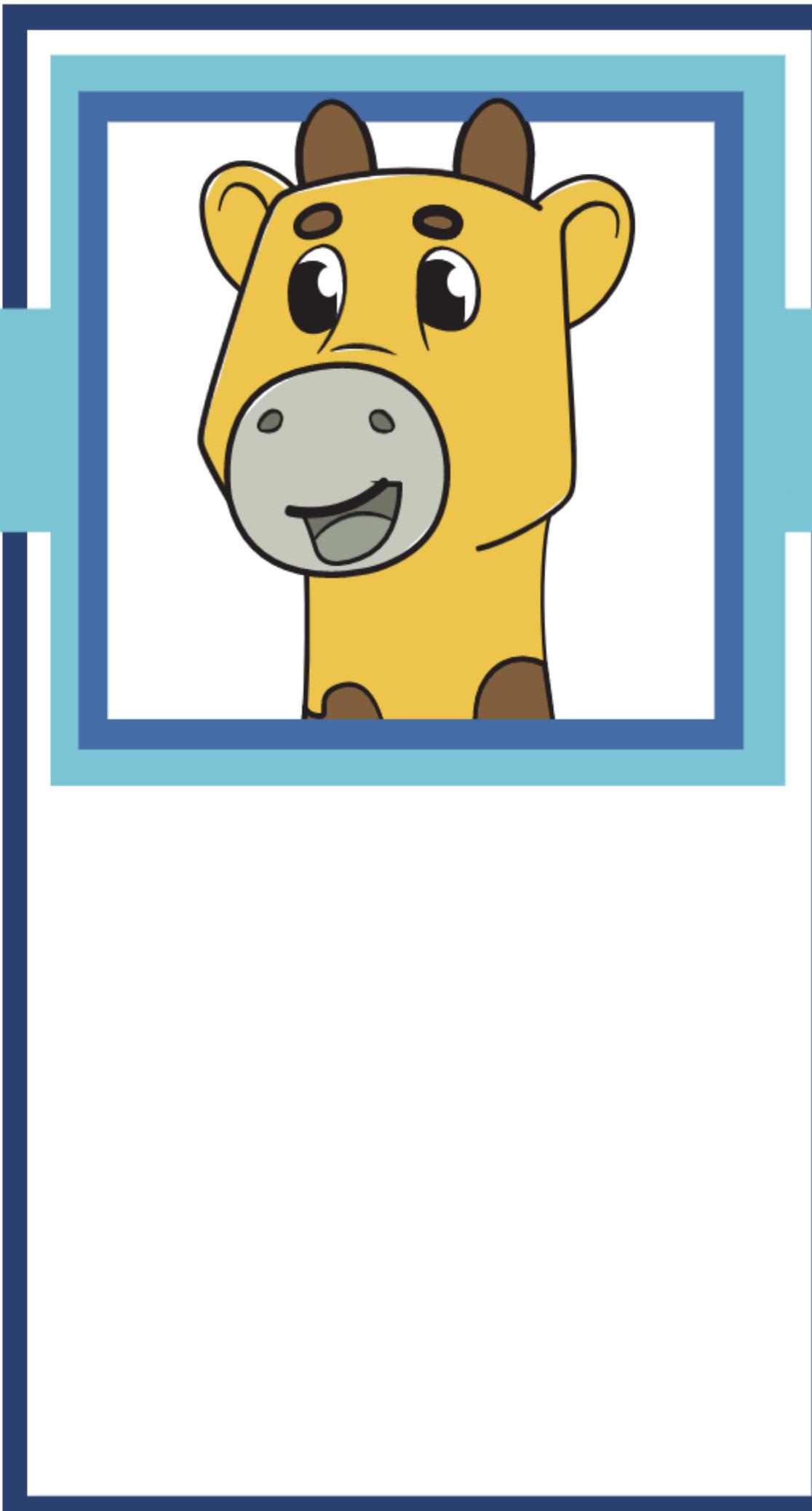
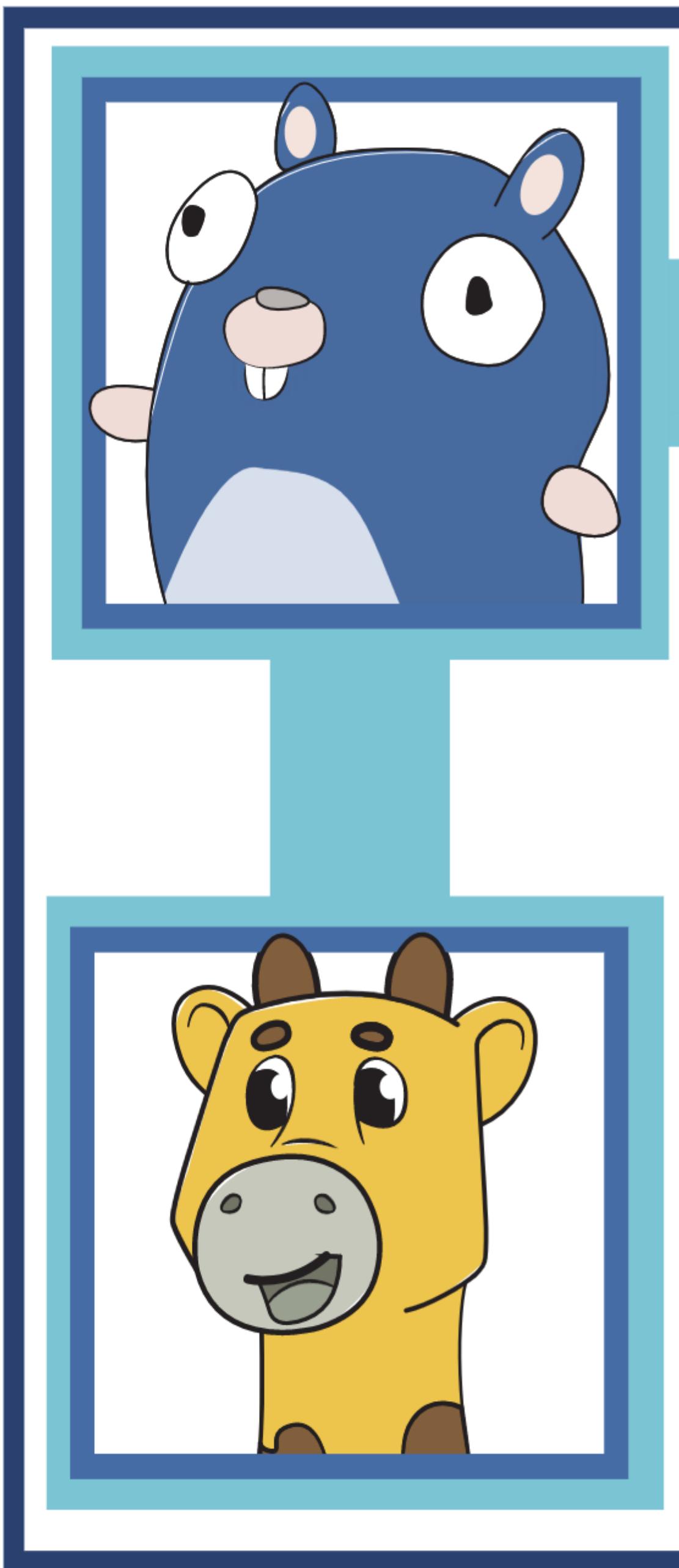
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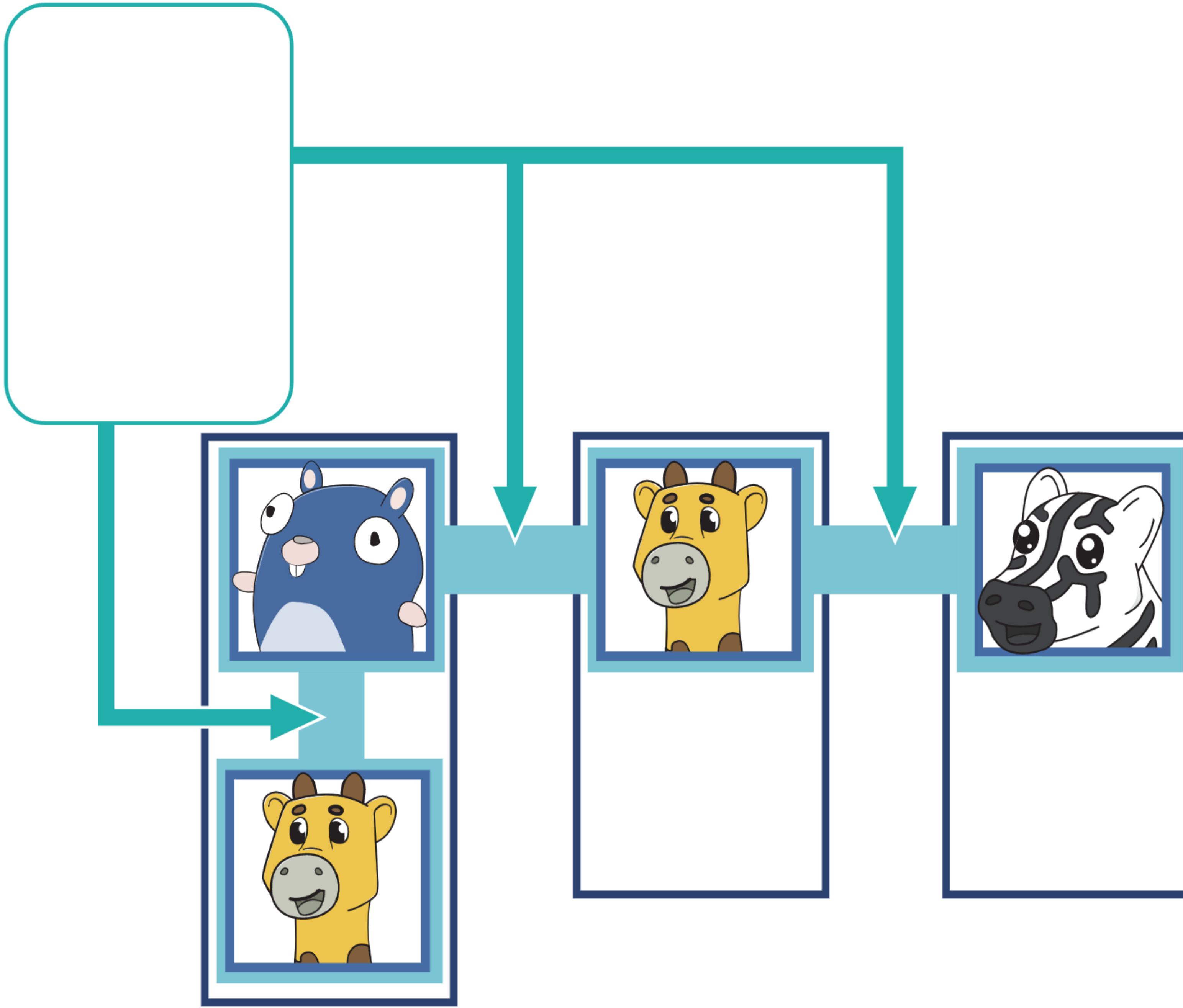


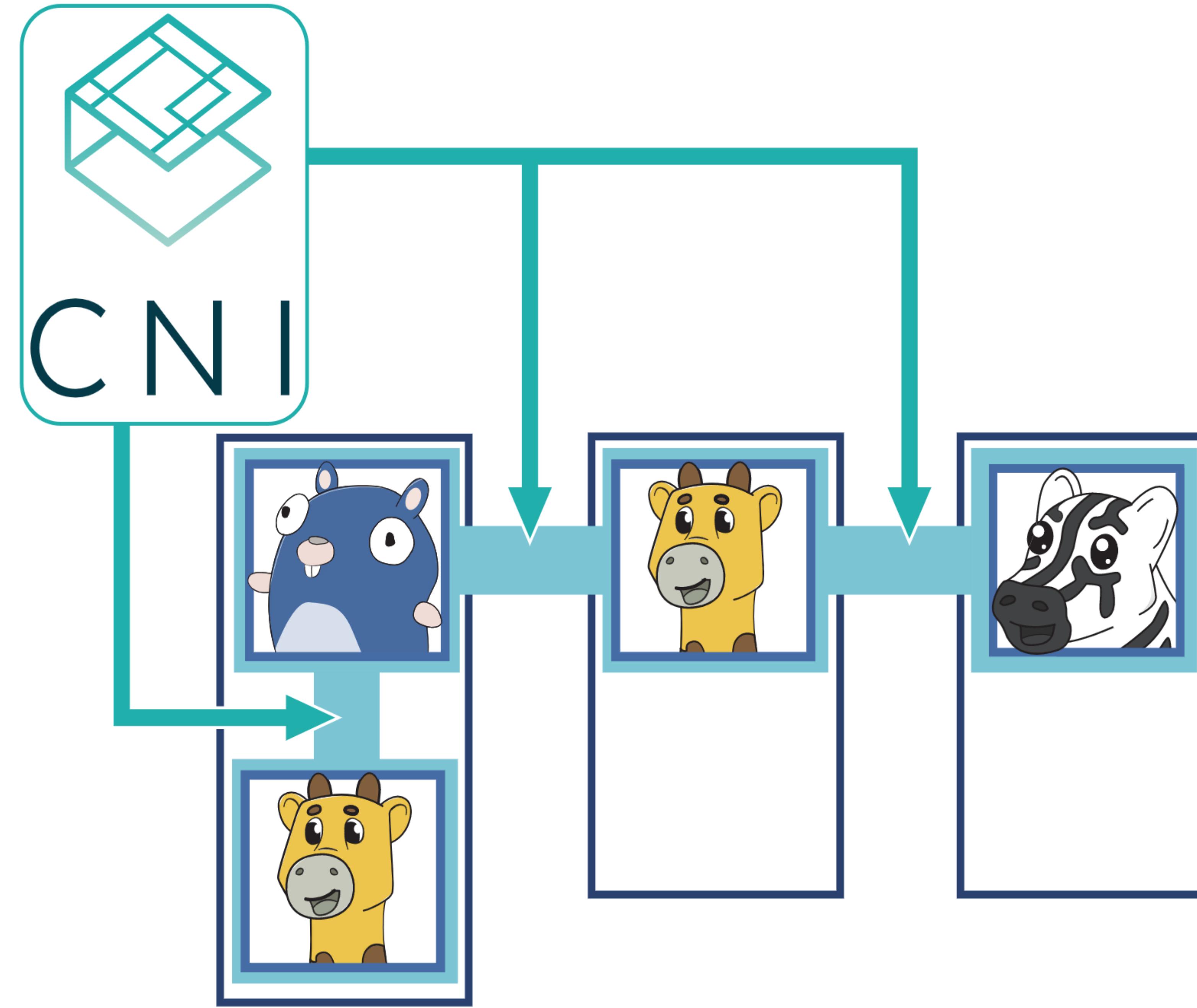
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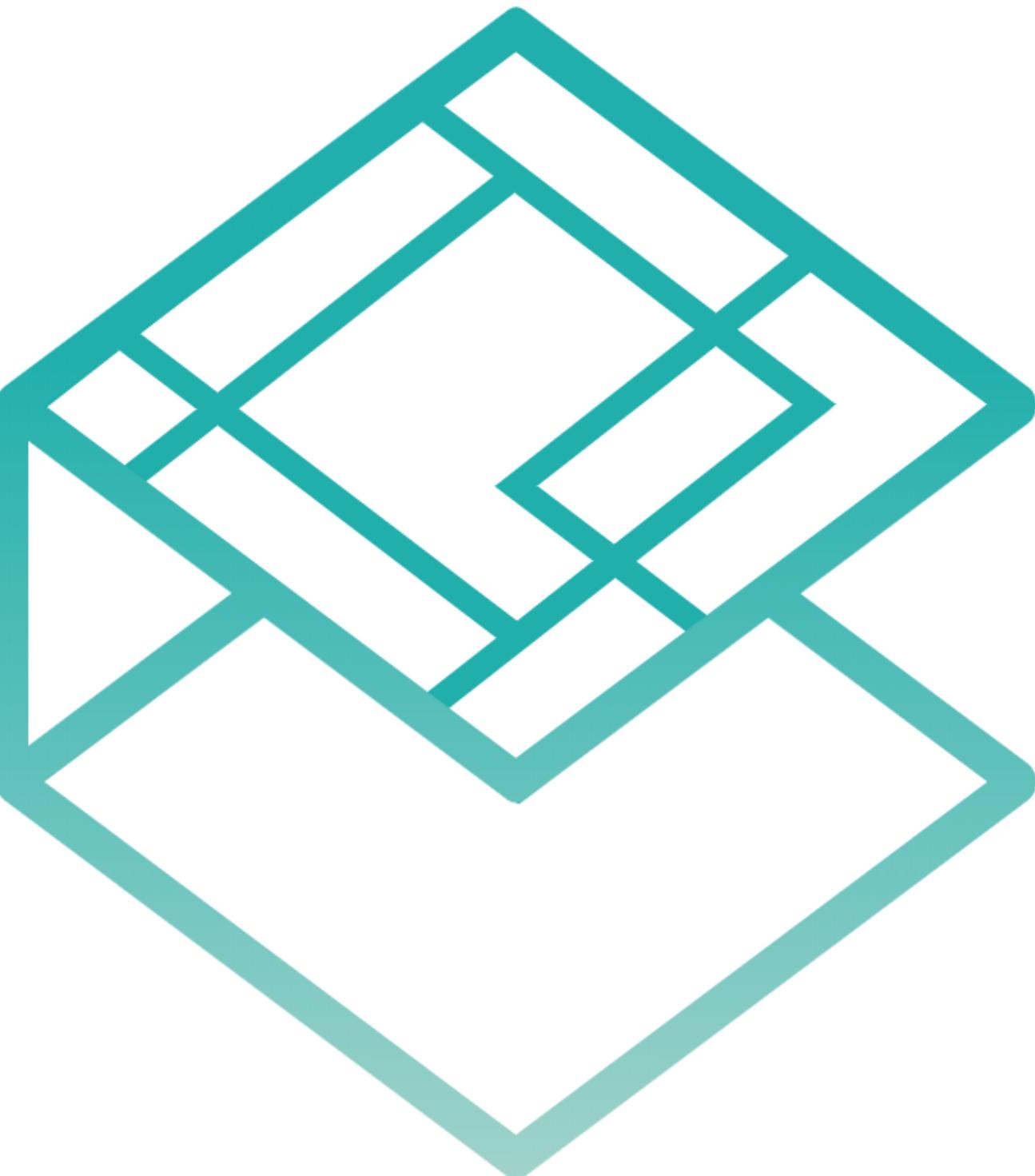








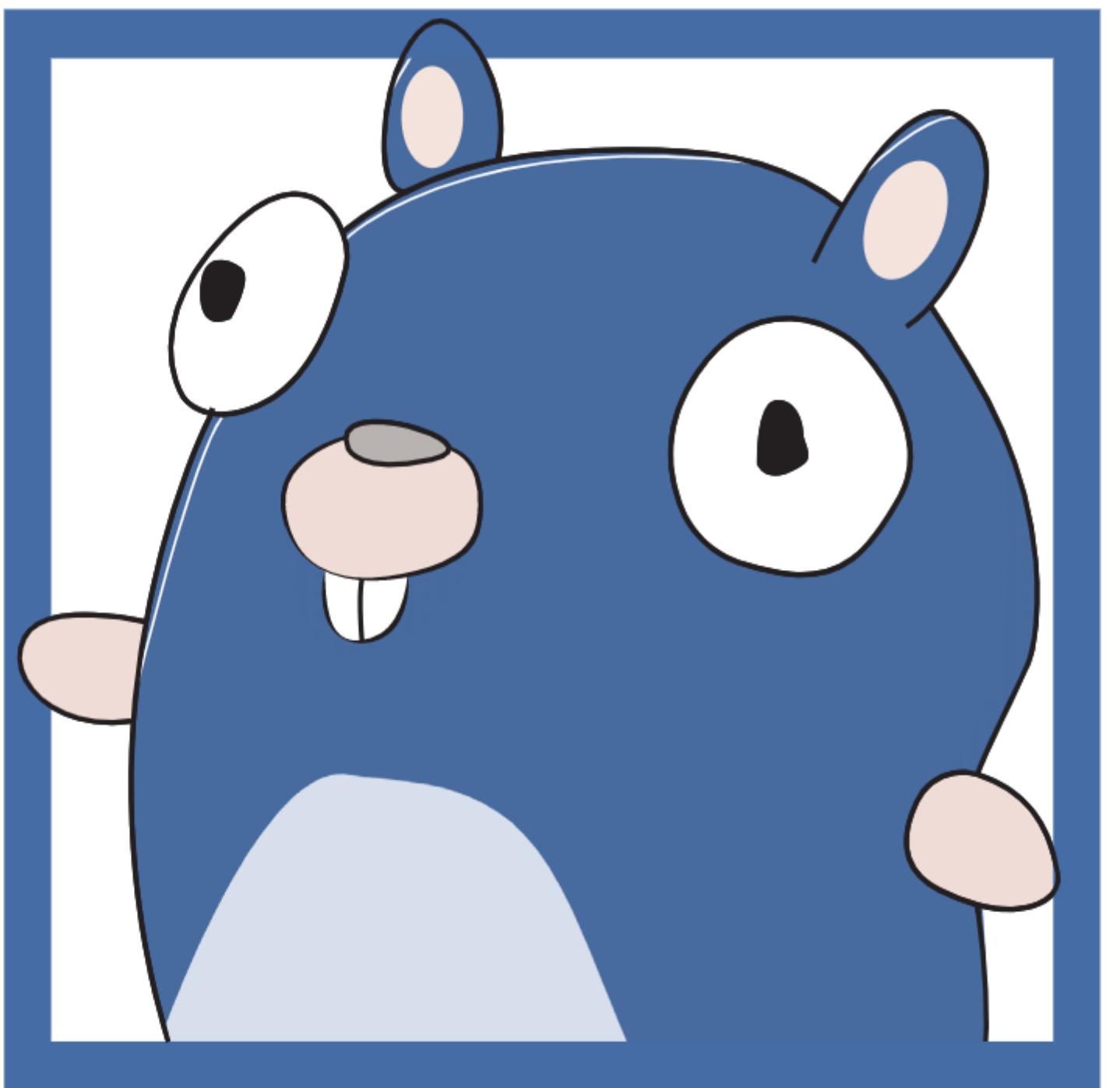


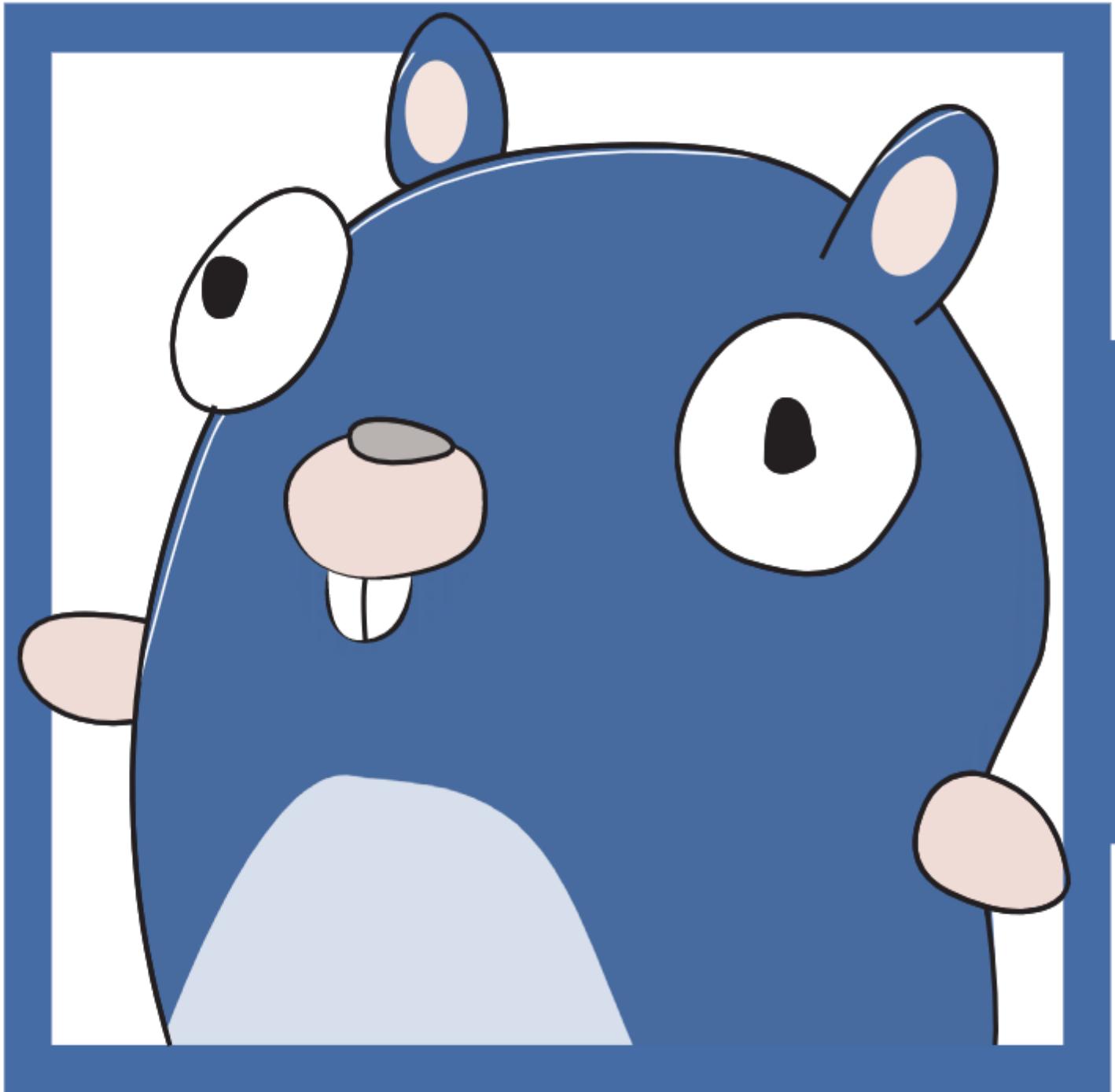


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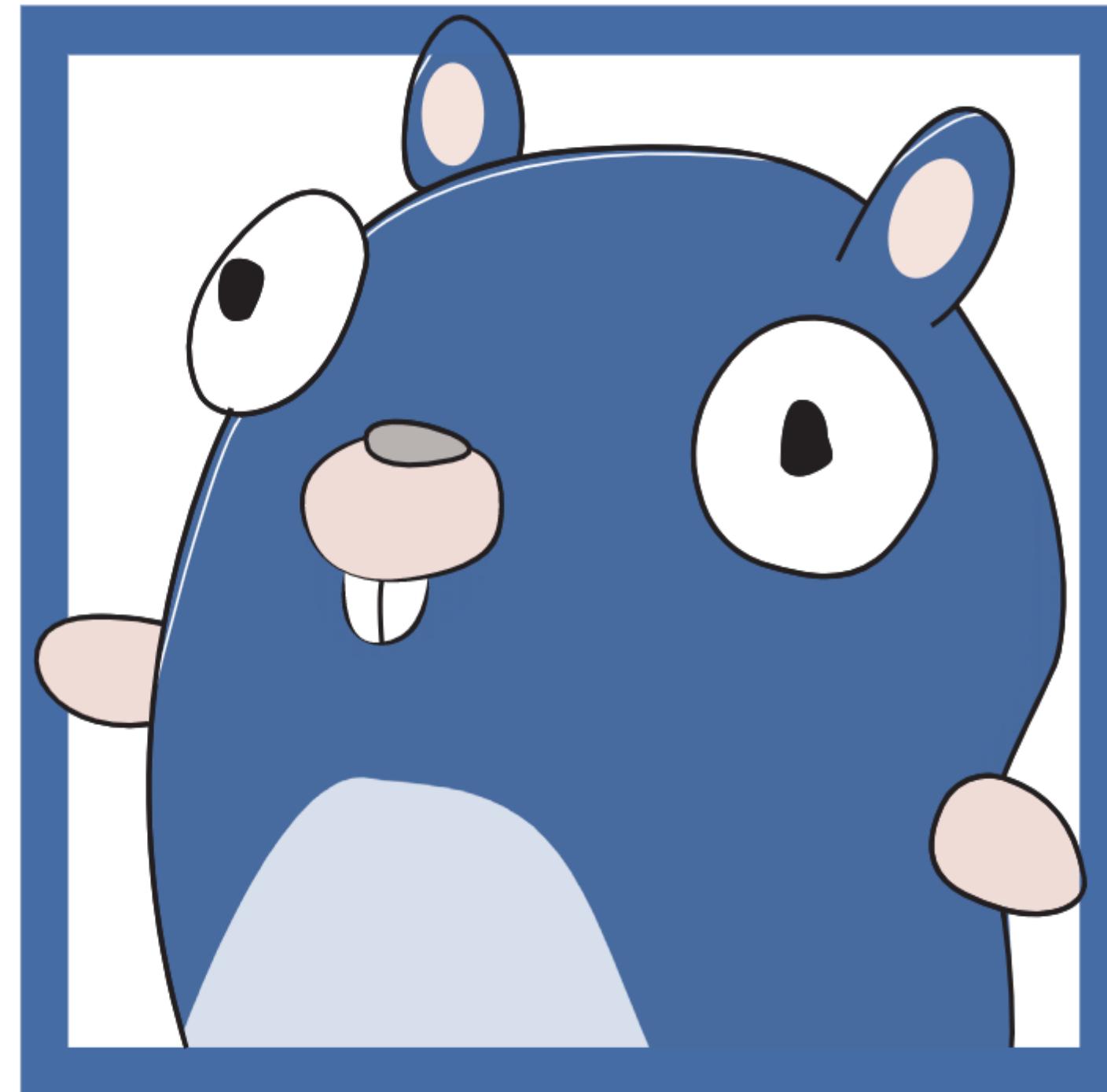
The logo for gRPC features the lowercase letters "gRPC" in a bold, dark teal sans-serif font. The letter "g" is stylized with a thick vertical stroke and a curved base. Above the "g", there are two teal diamond shapes containing black arrows pointing left and right, connected by a horizontal bar. The "R", "P", and "C" are in a standard bold font.





HTTP

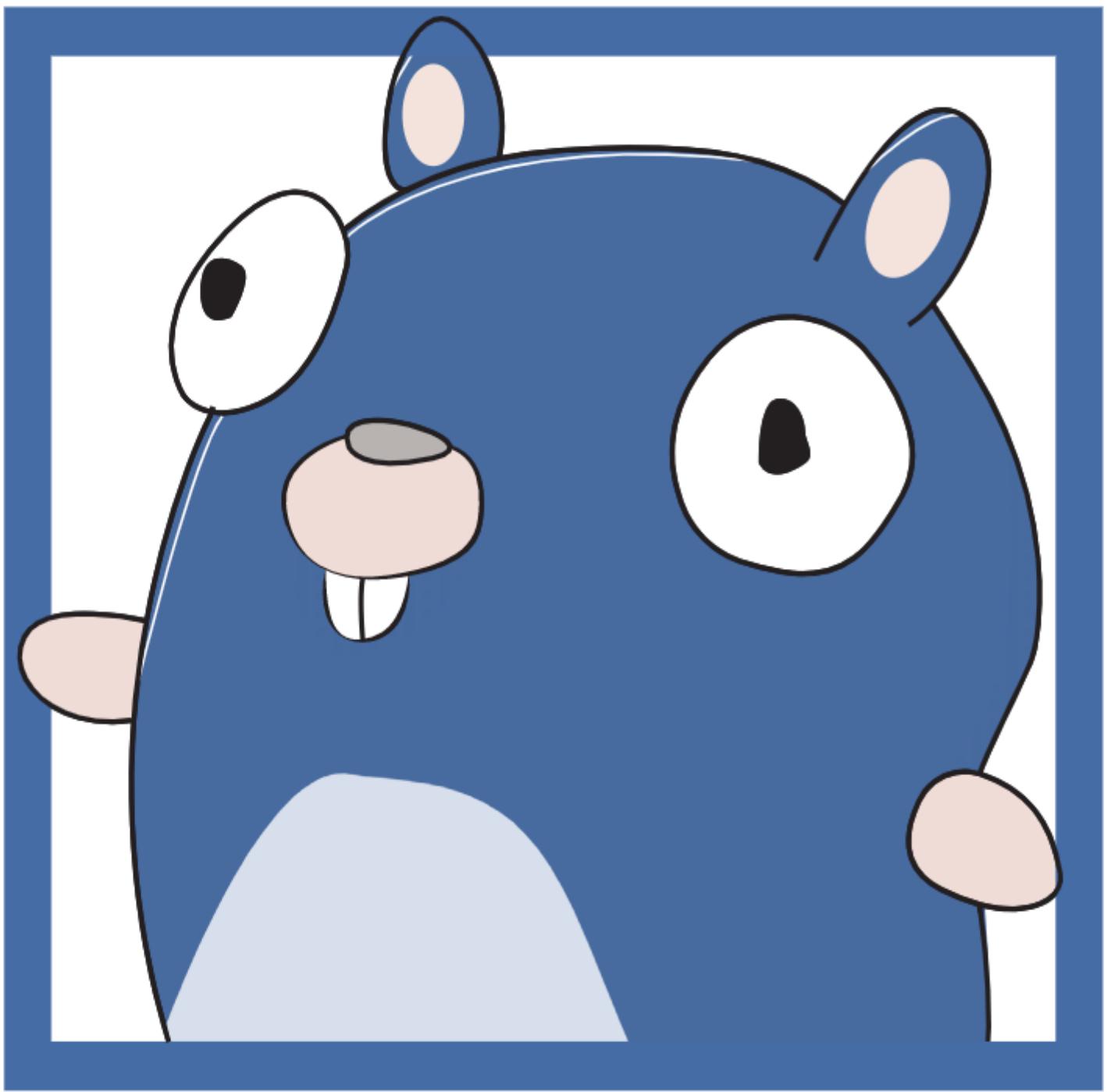




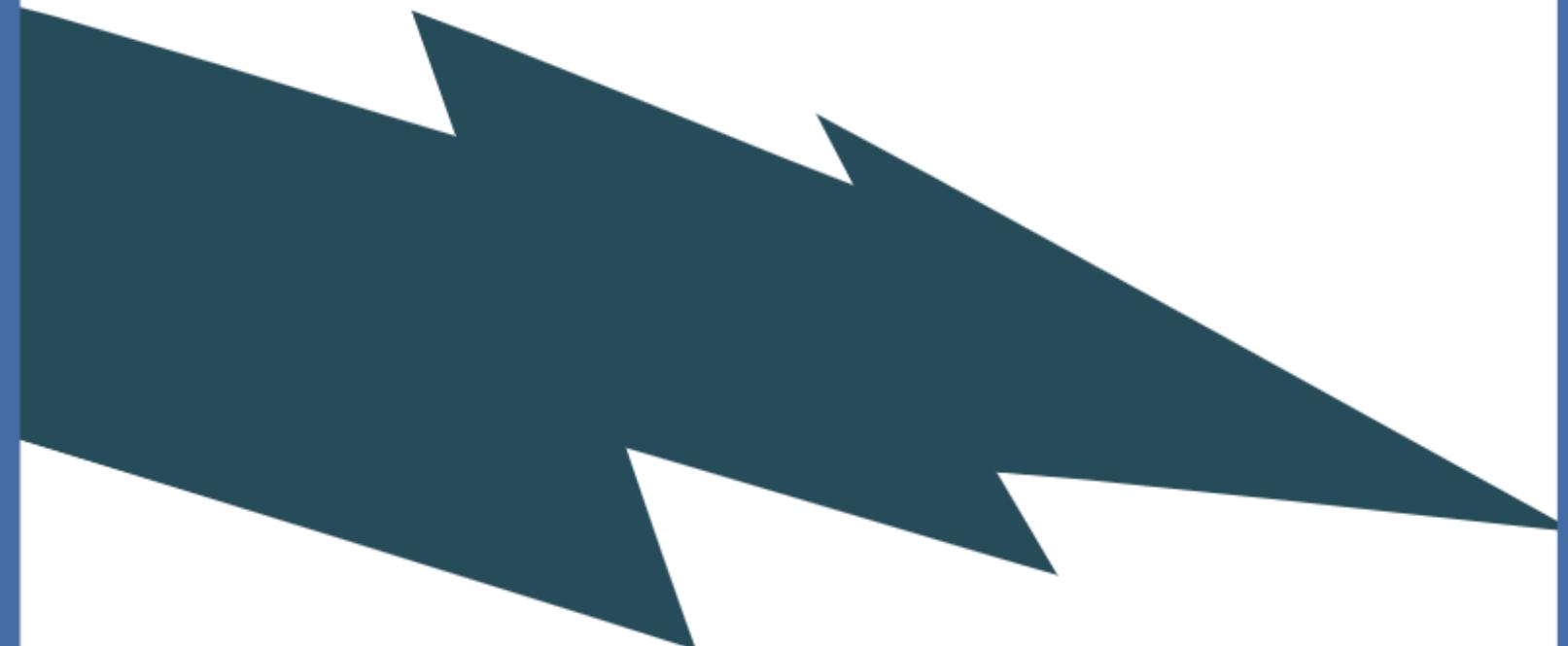
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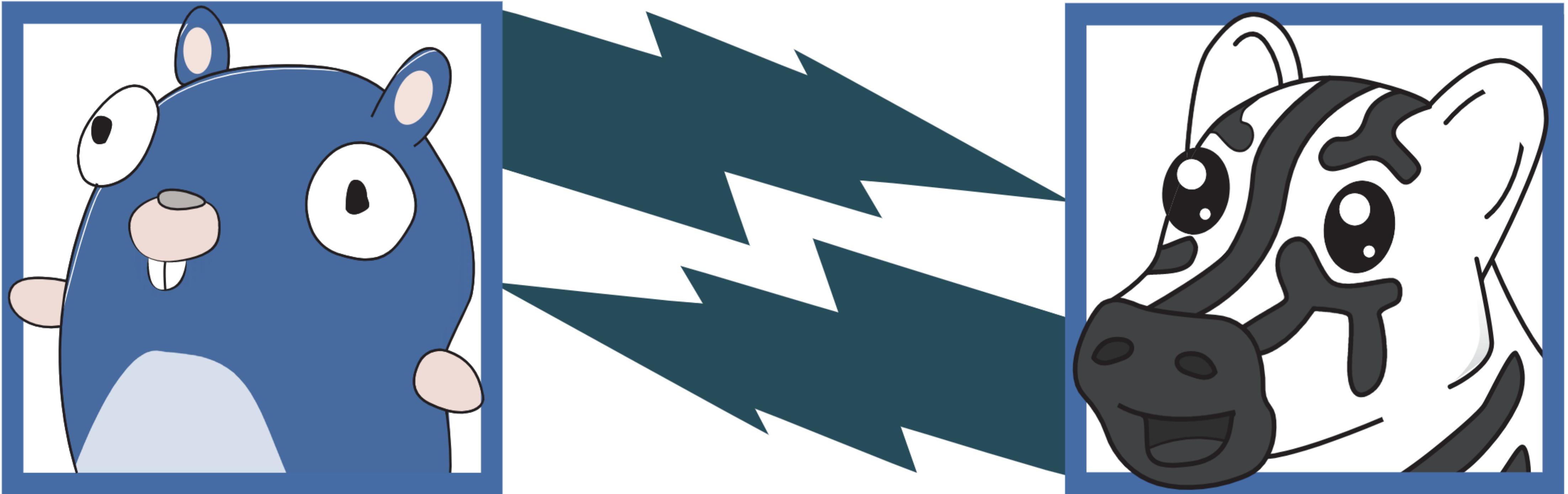


Overhead



gRPC

The gRPC logo consists of the lowercase letters "gRPC" in a bold, dark teal sans-serif font. To the left of the "g", there is a teal double-headed horizontal arrow icon, which is a diamond shape with two arrows pointing in opposite directions along its horizontal axis.



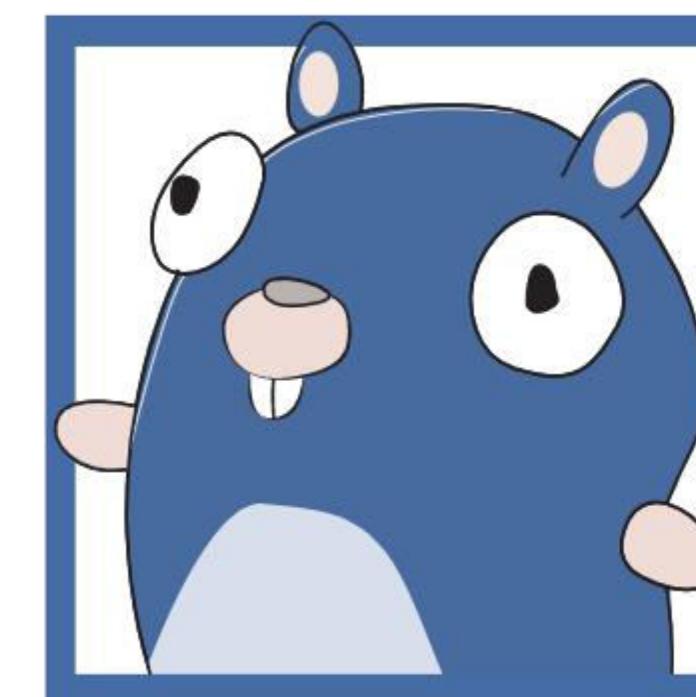
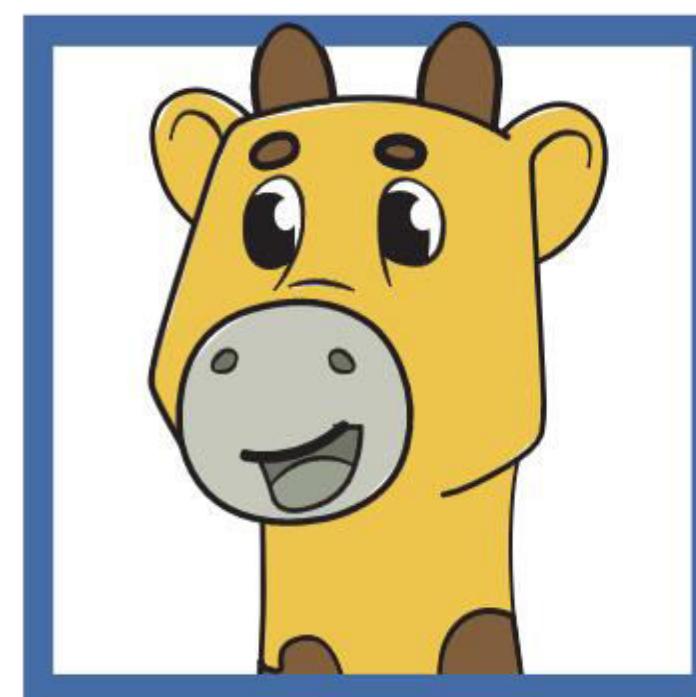
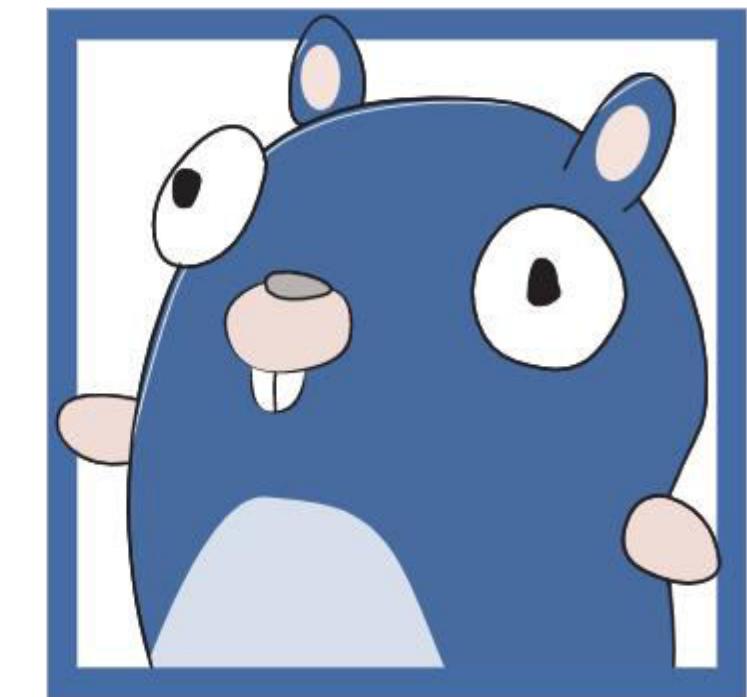
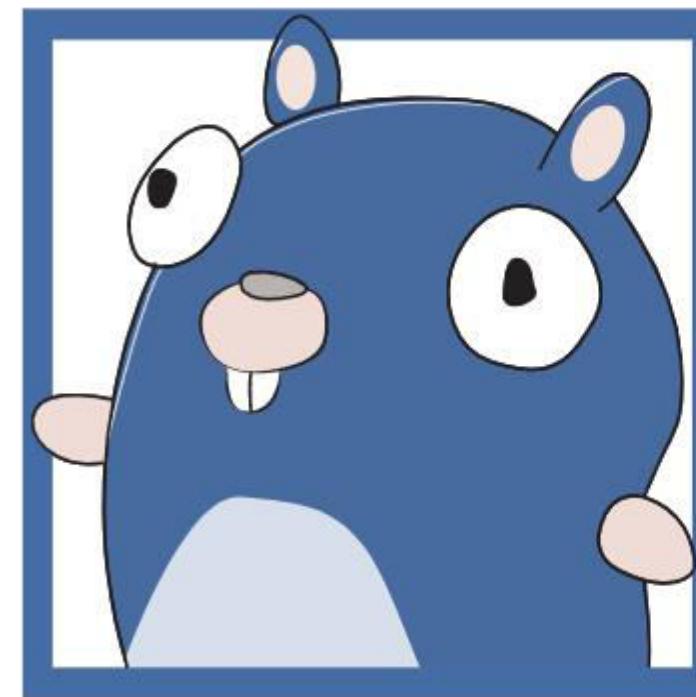
gRPC

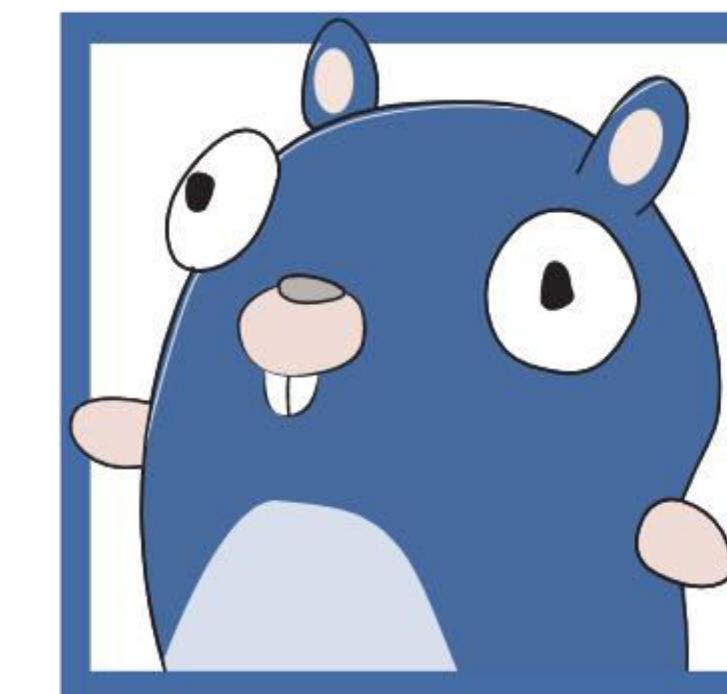
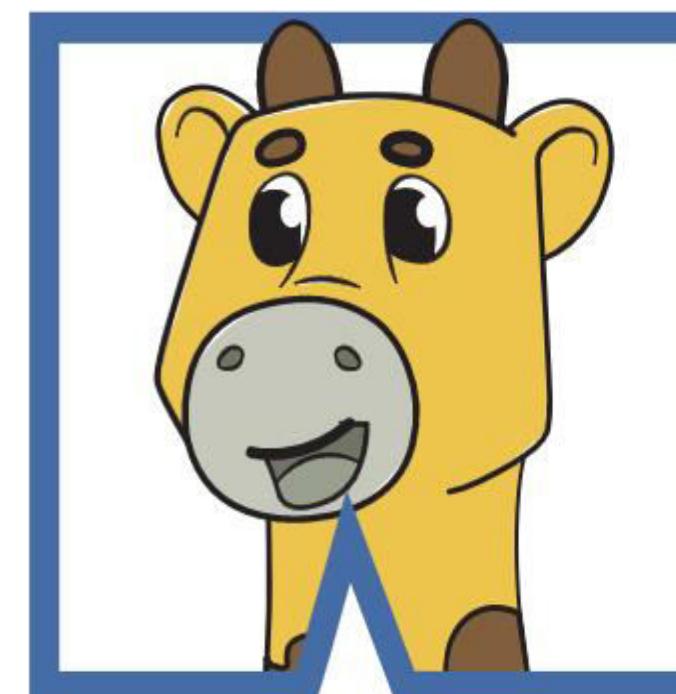
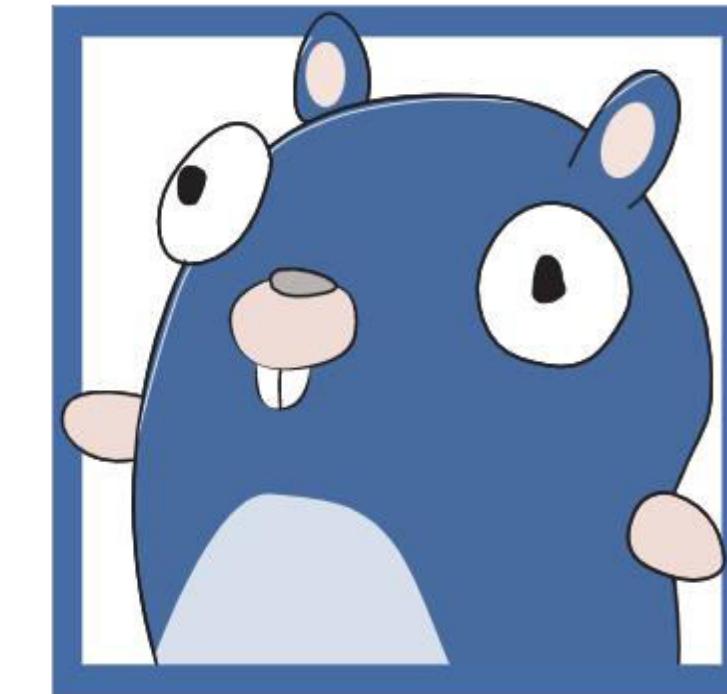
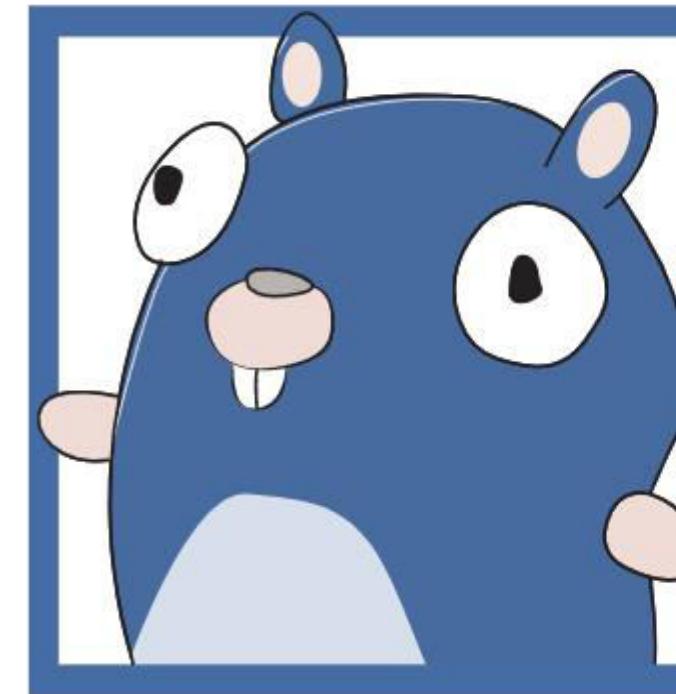


The gRPC logo consists of the lowercase letters "gRPC" in a bold, dark teal sans-serif font. To the left of the "g", there is a teal diamond-shaped icon containing a black double-headed horizontal arrow, symbolizing bidirectional communication.

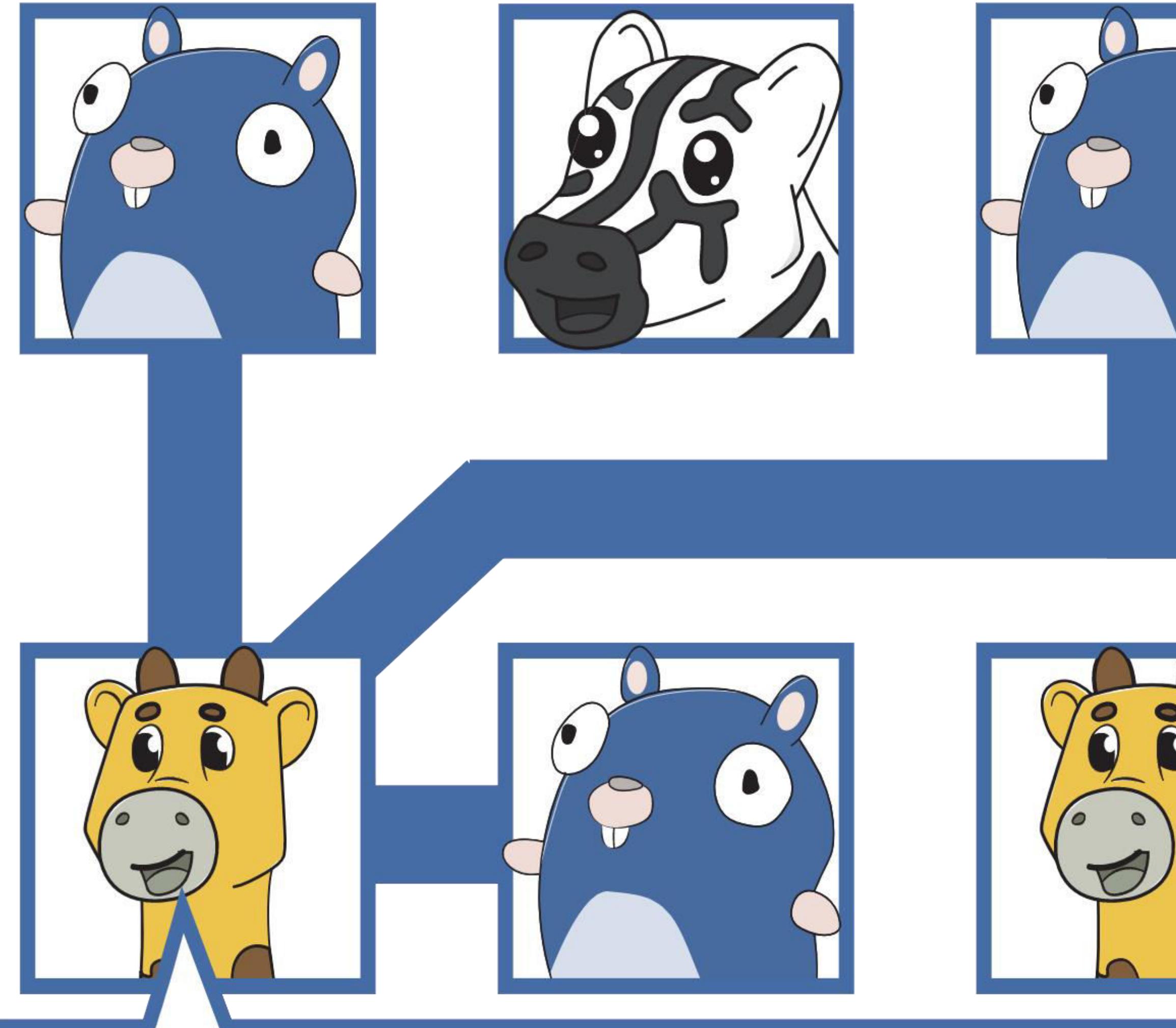


CoreDNS

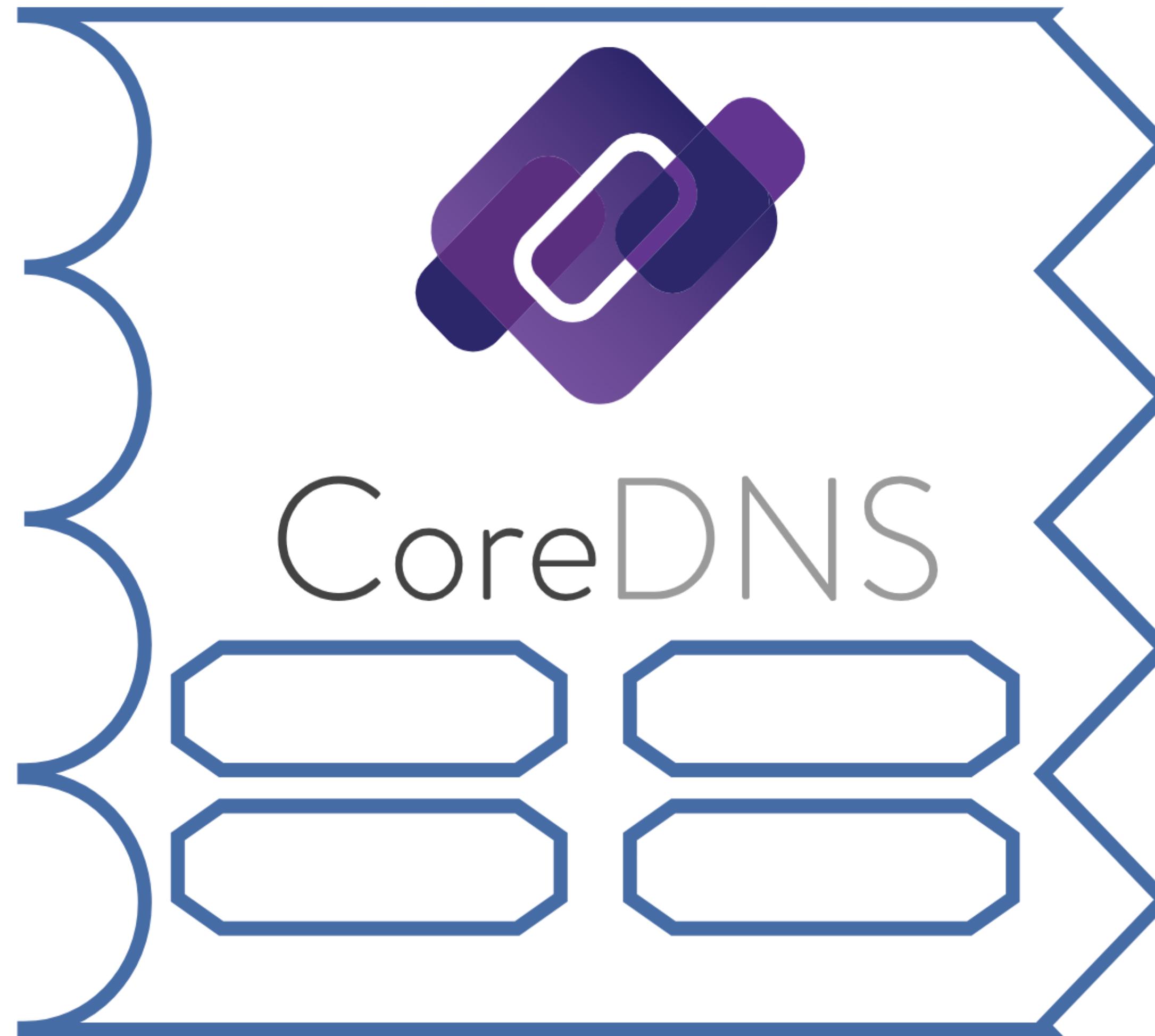


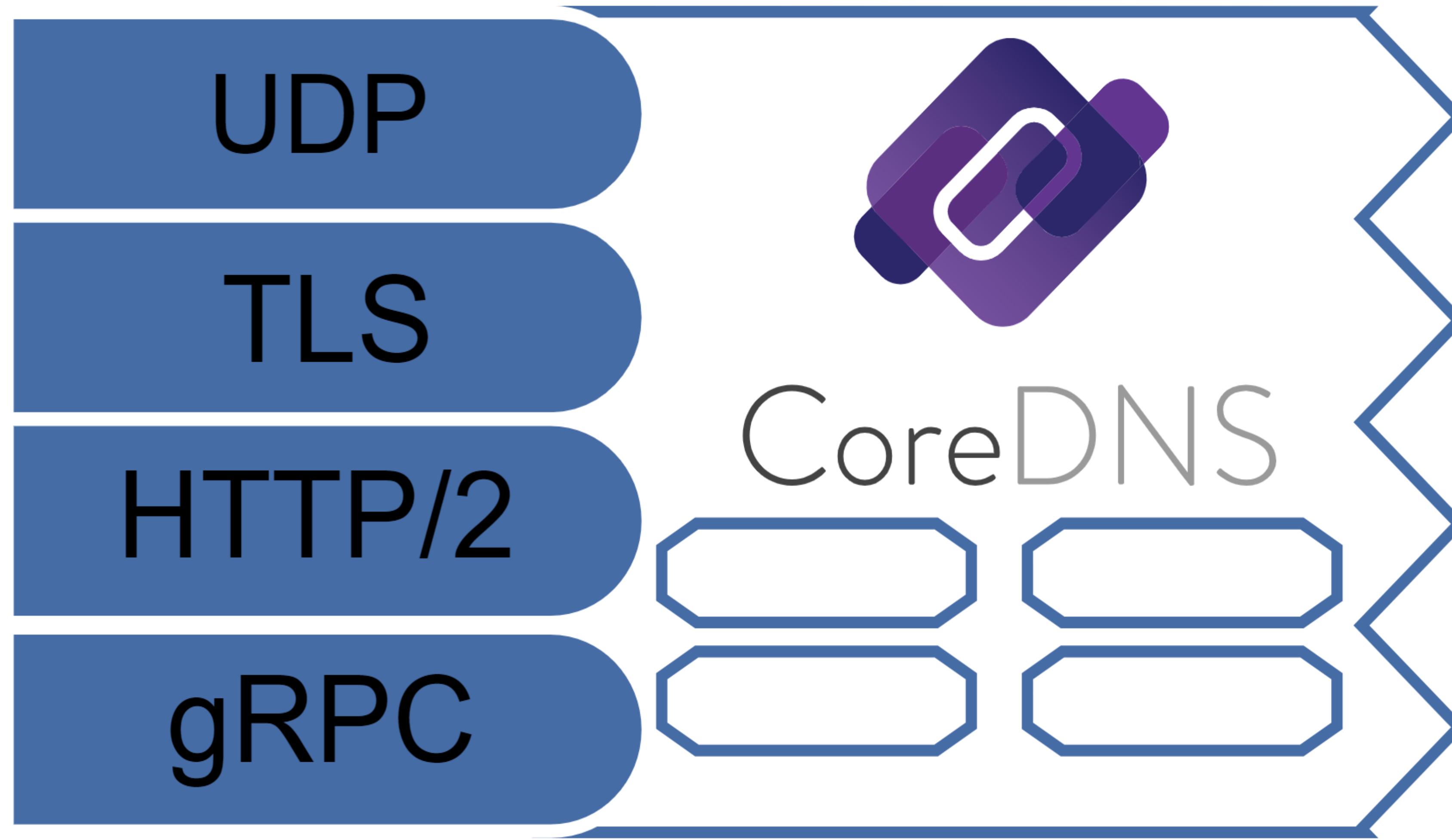


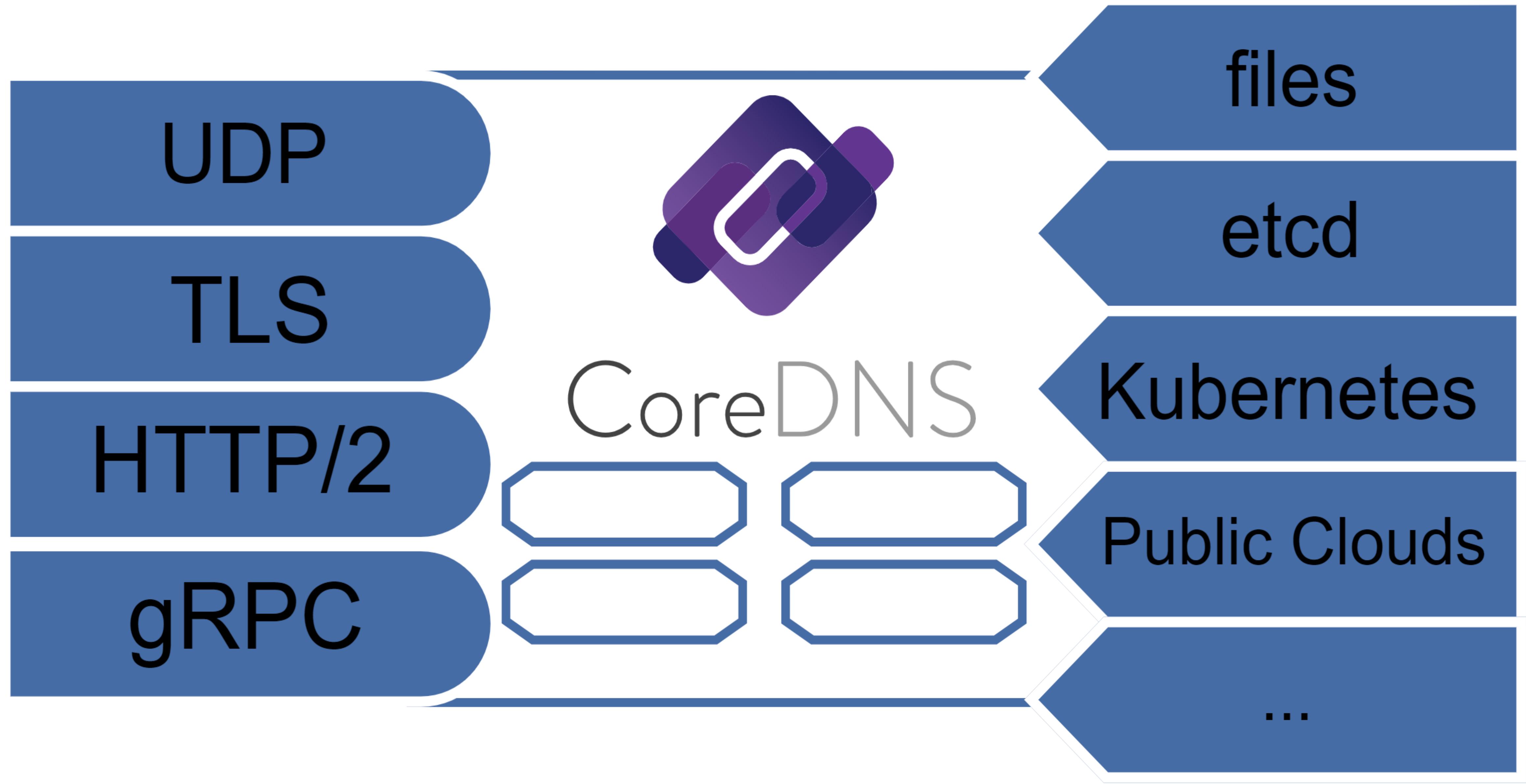
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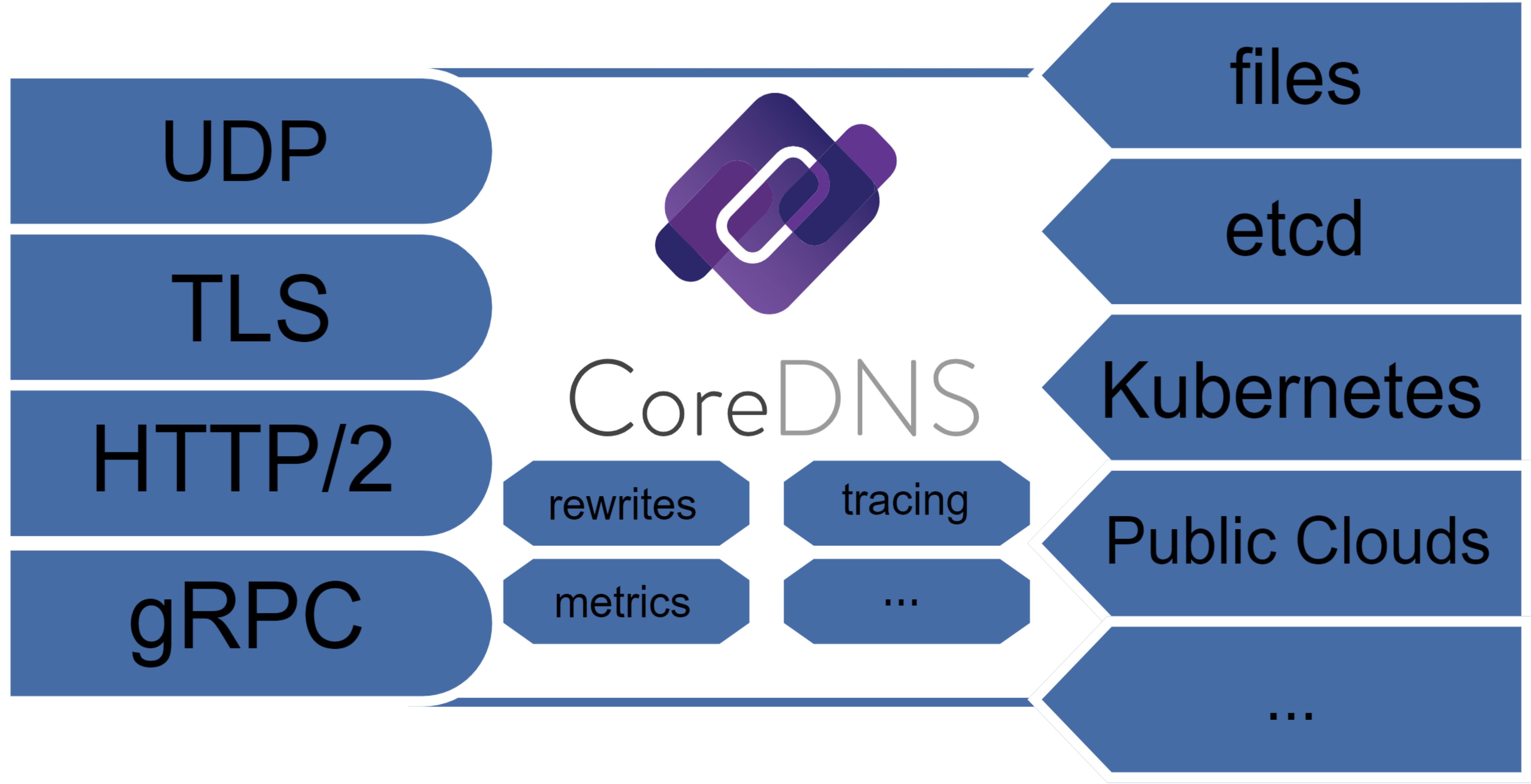


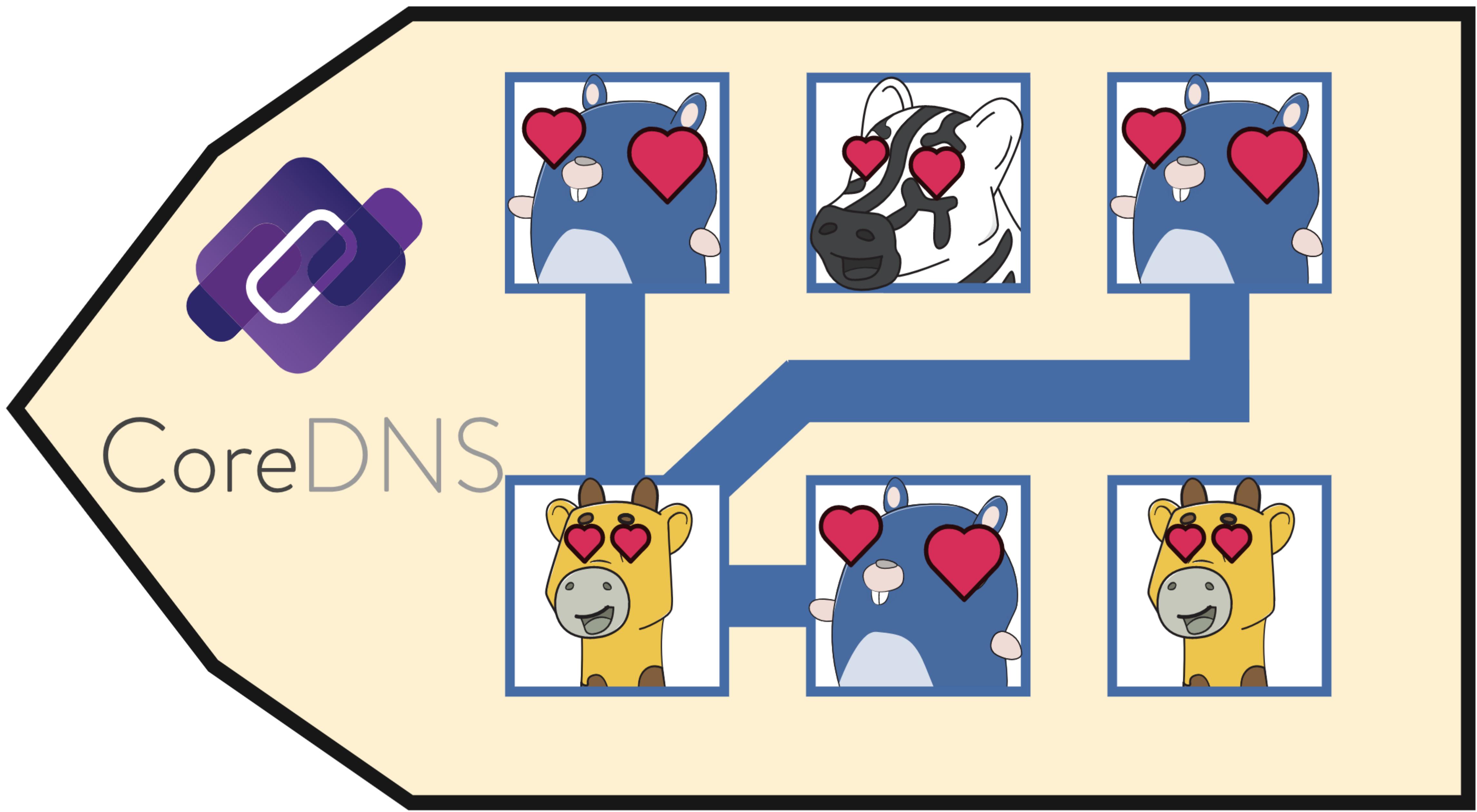
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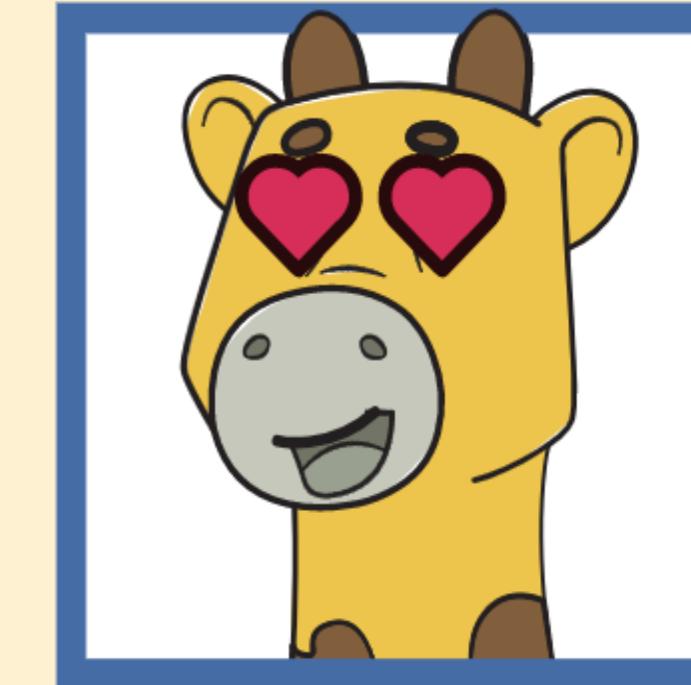
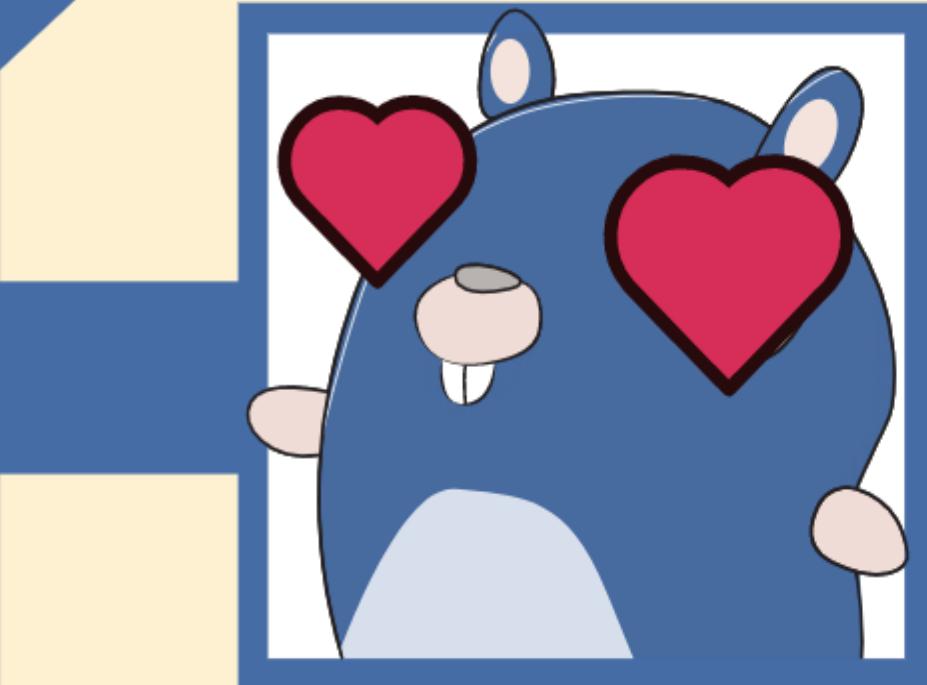
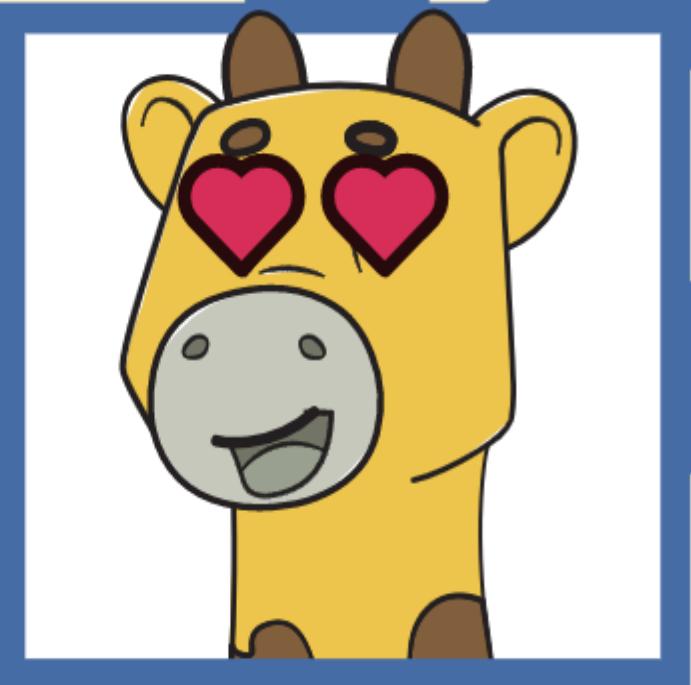
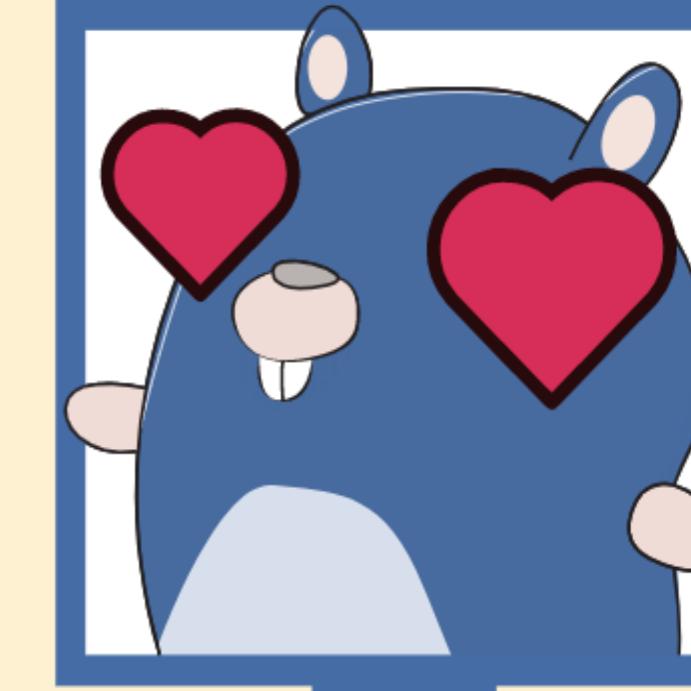
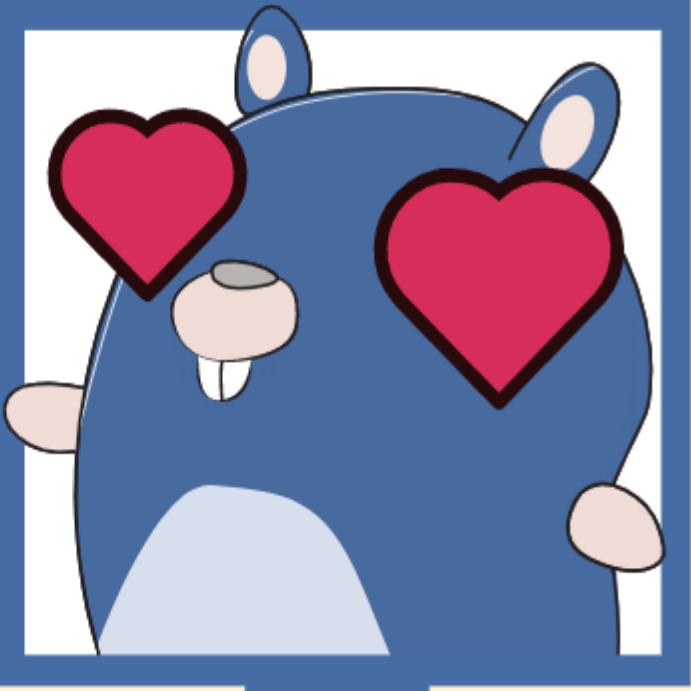








CoreDNS

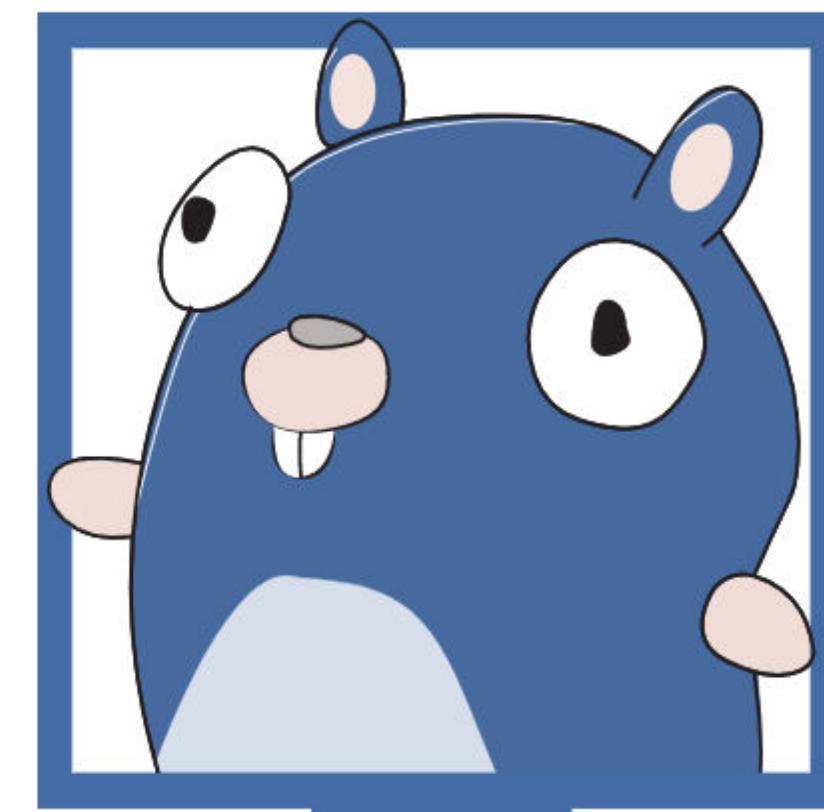
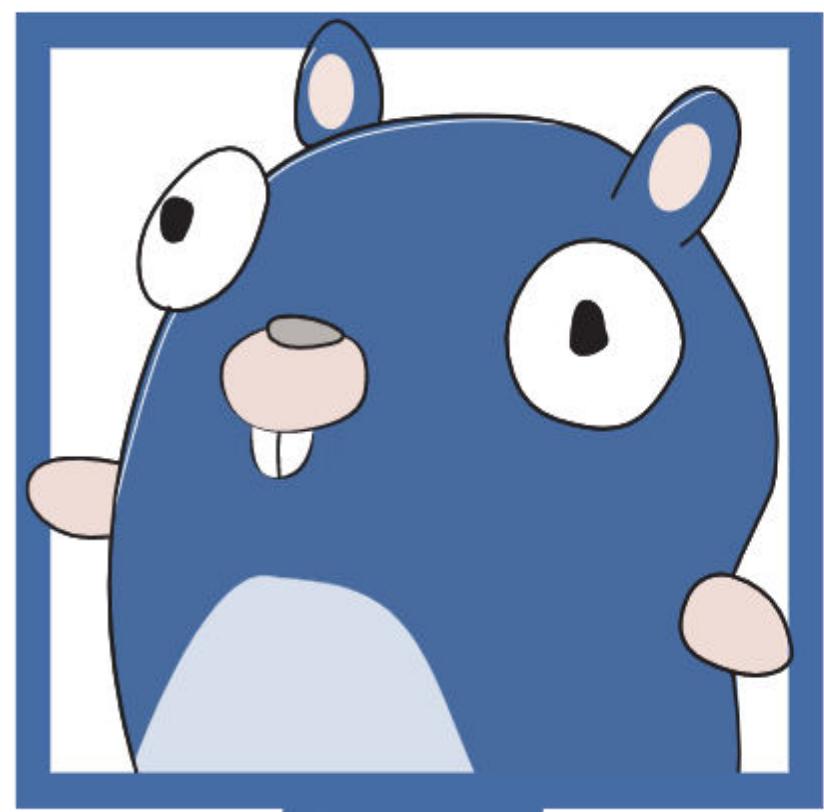


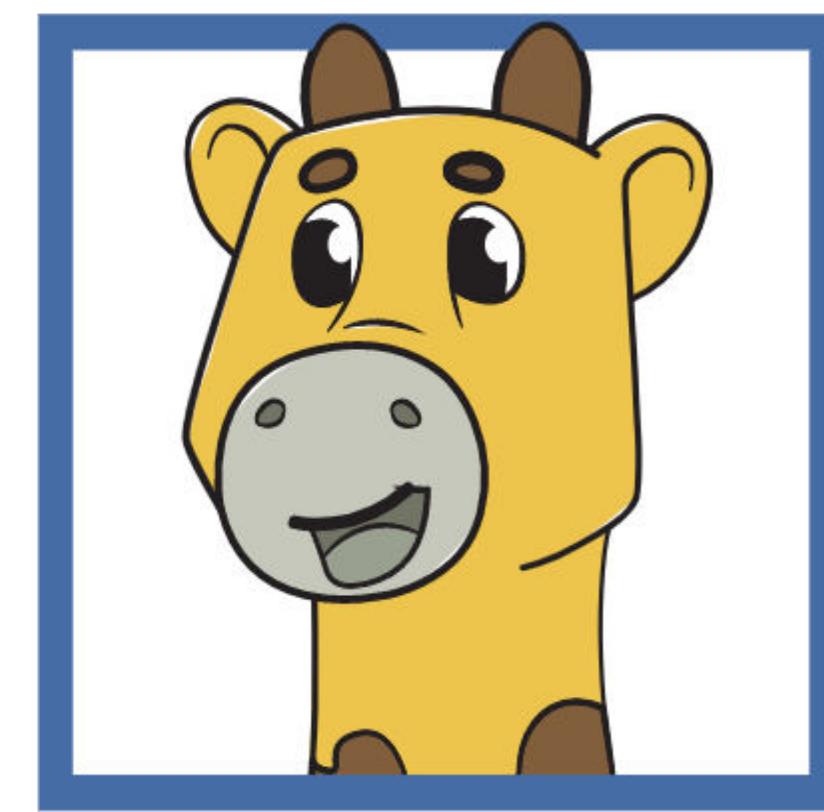


CoreDNS

Service

Mesh



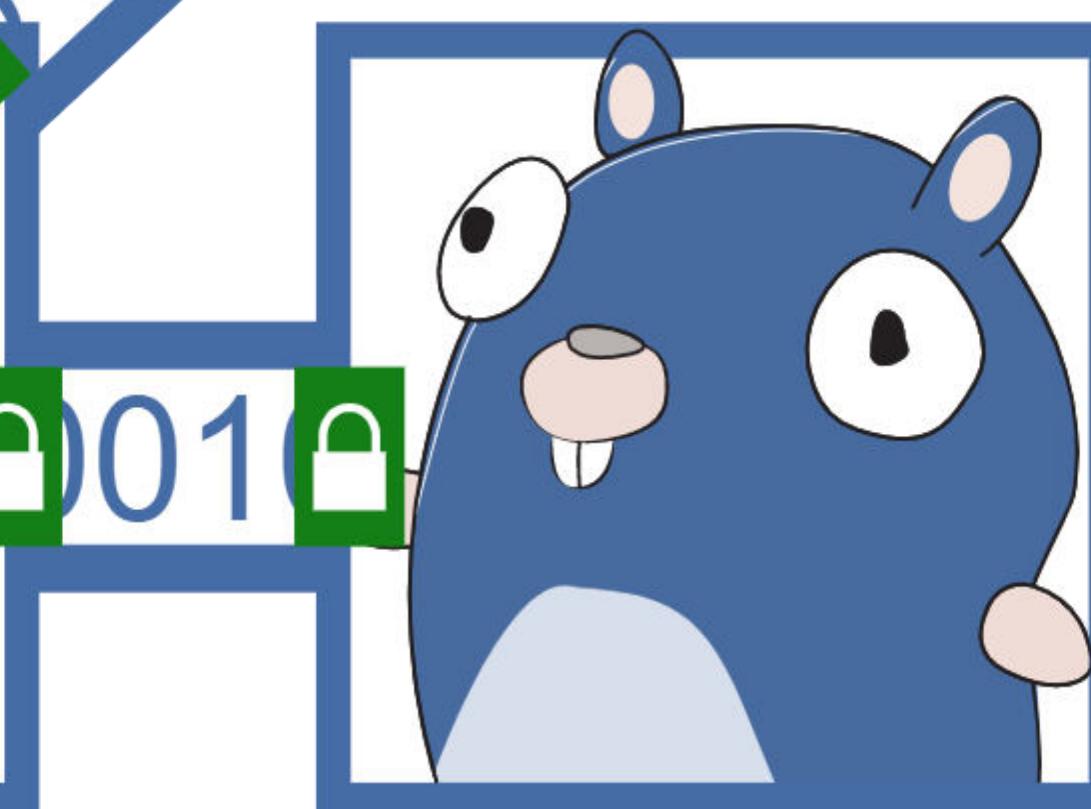




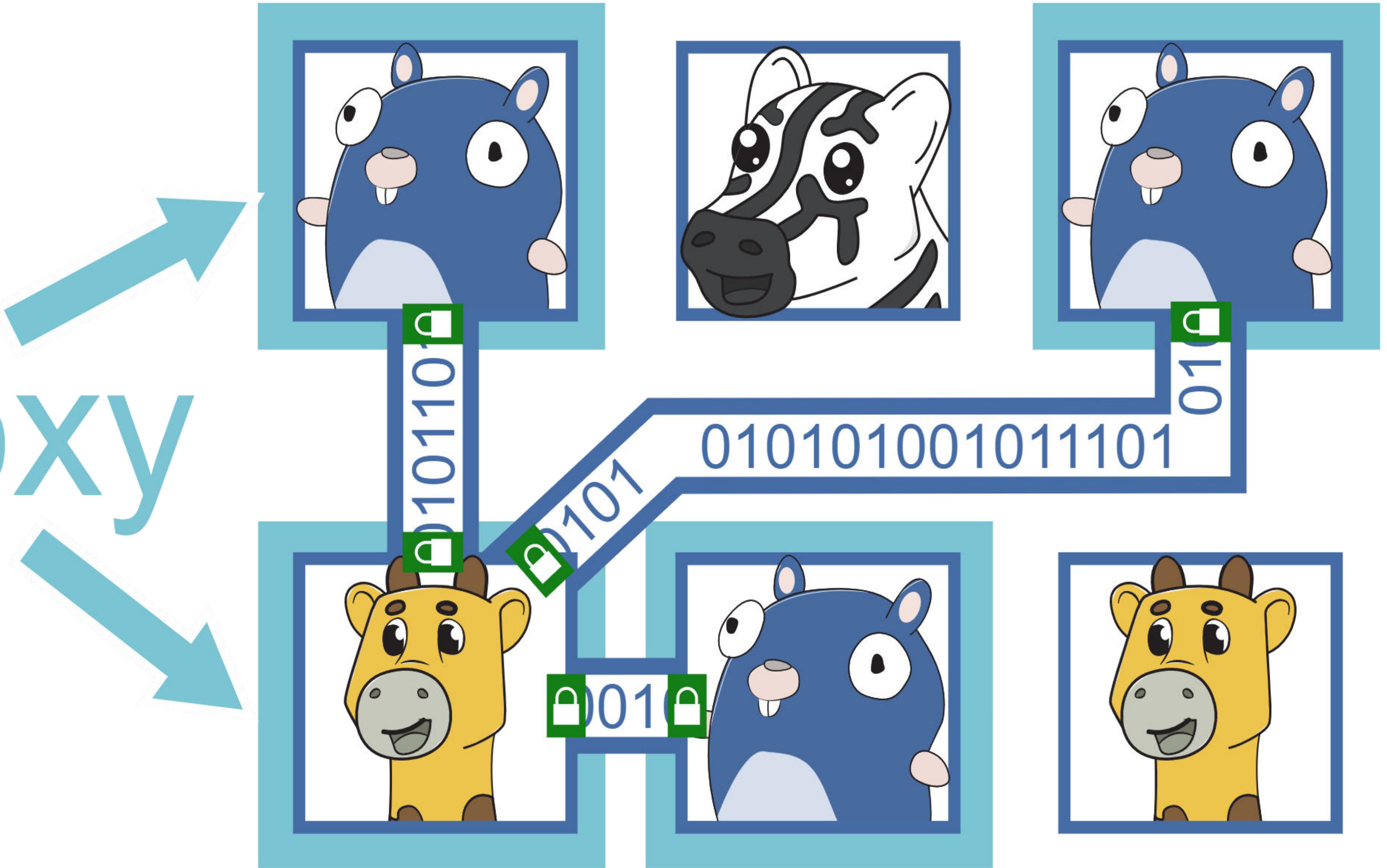
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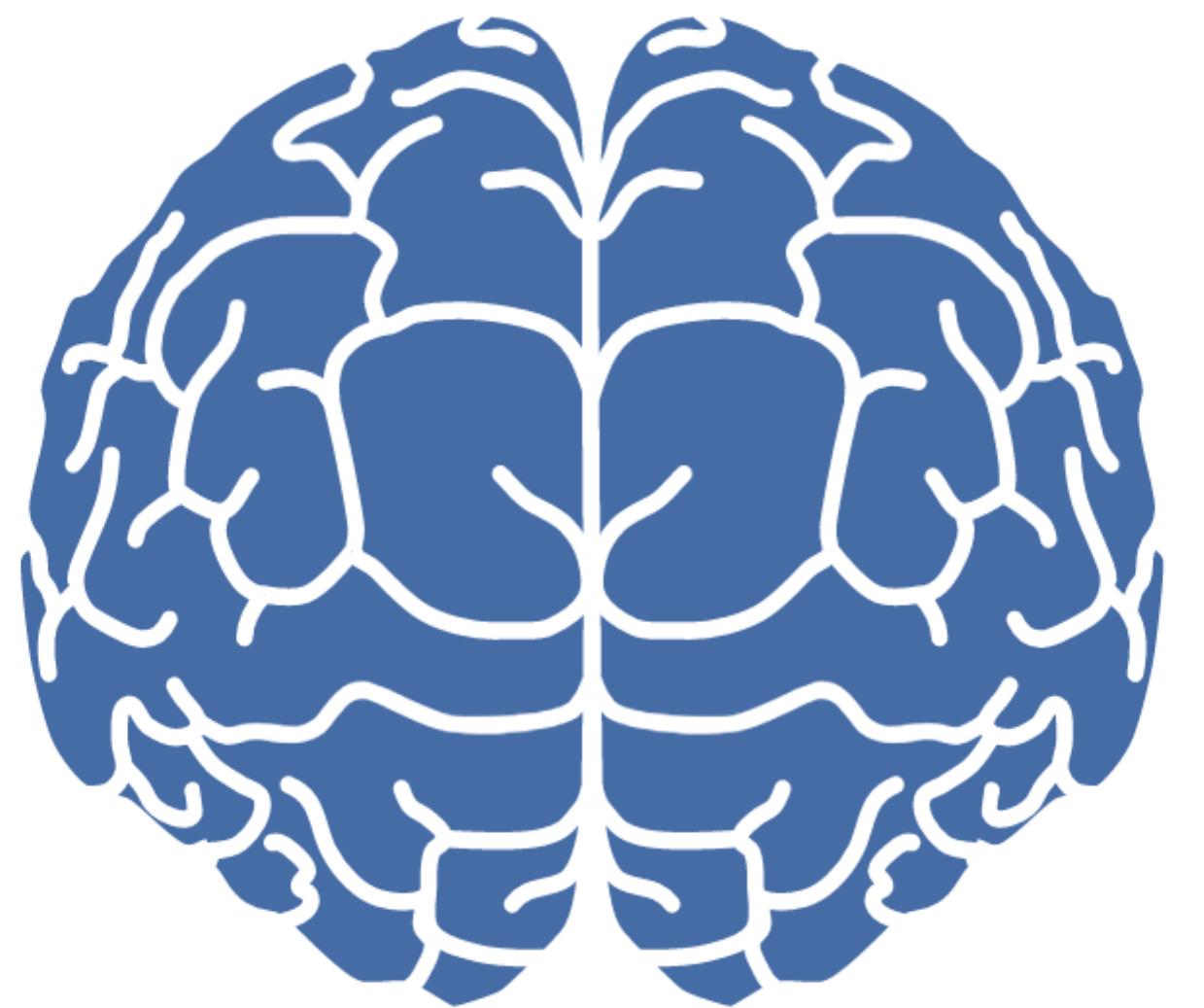
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Proxy

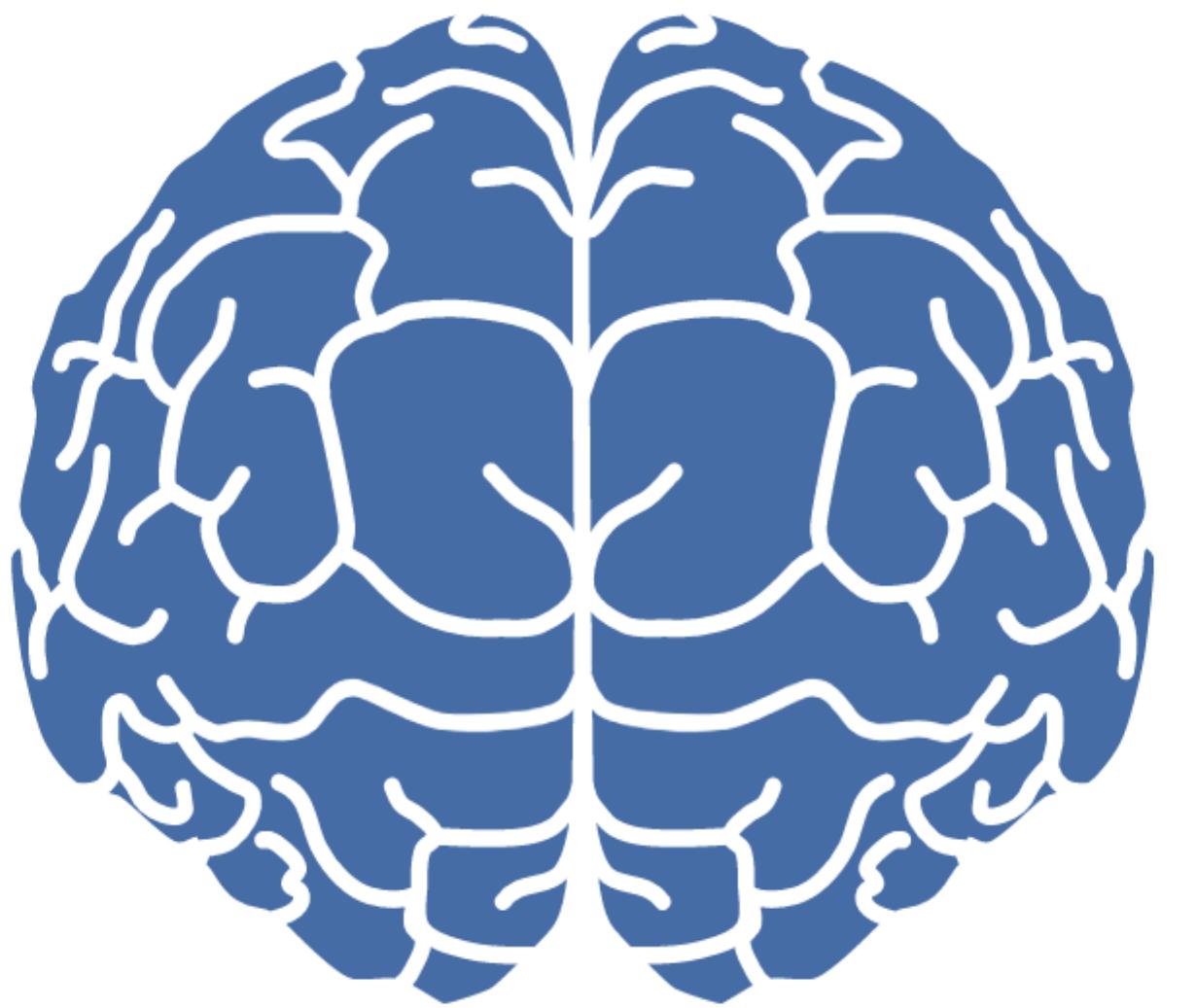
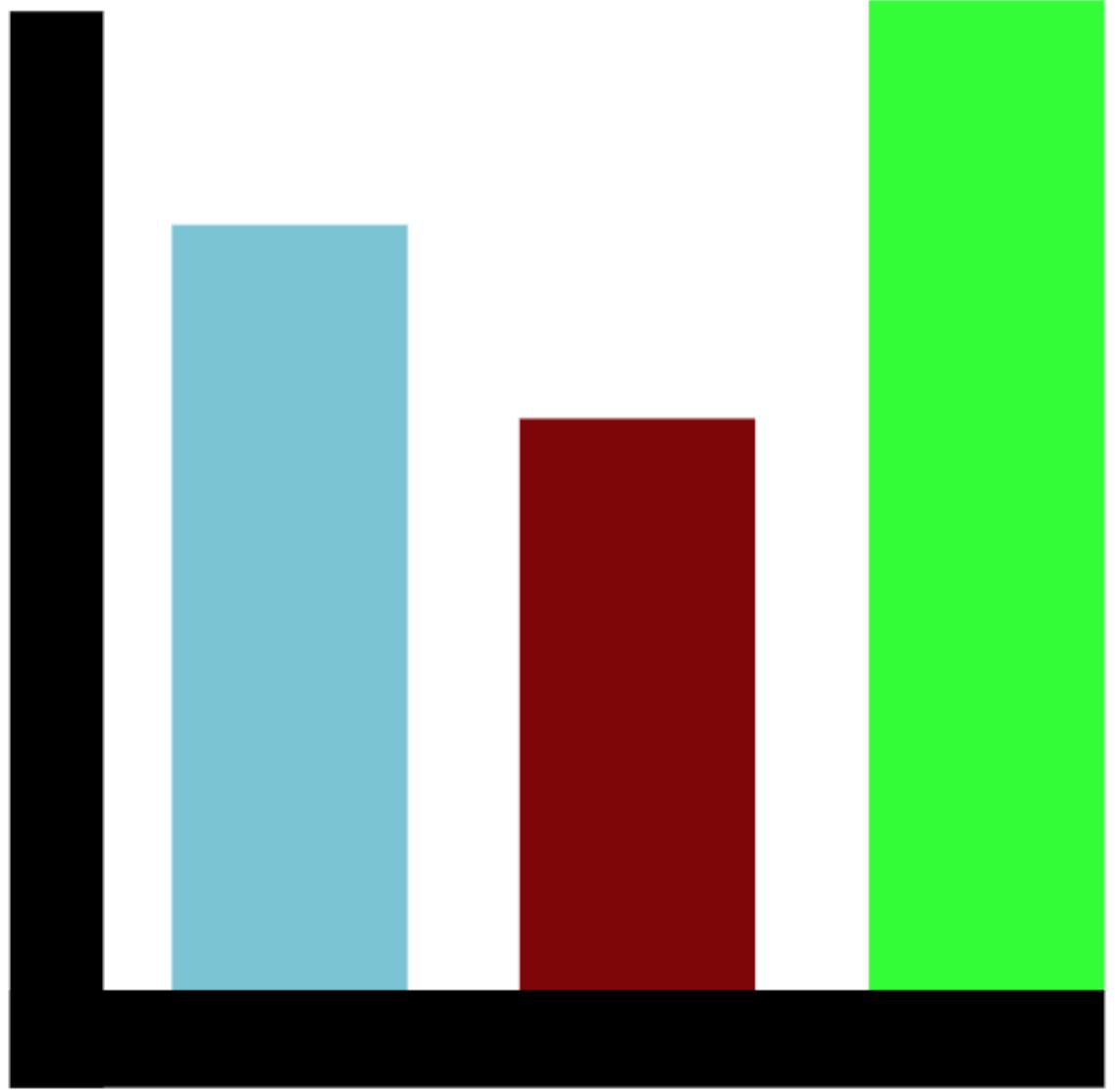


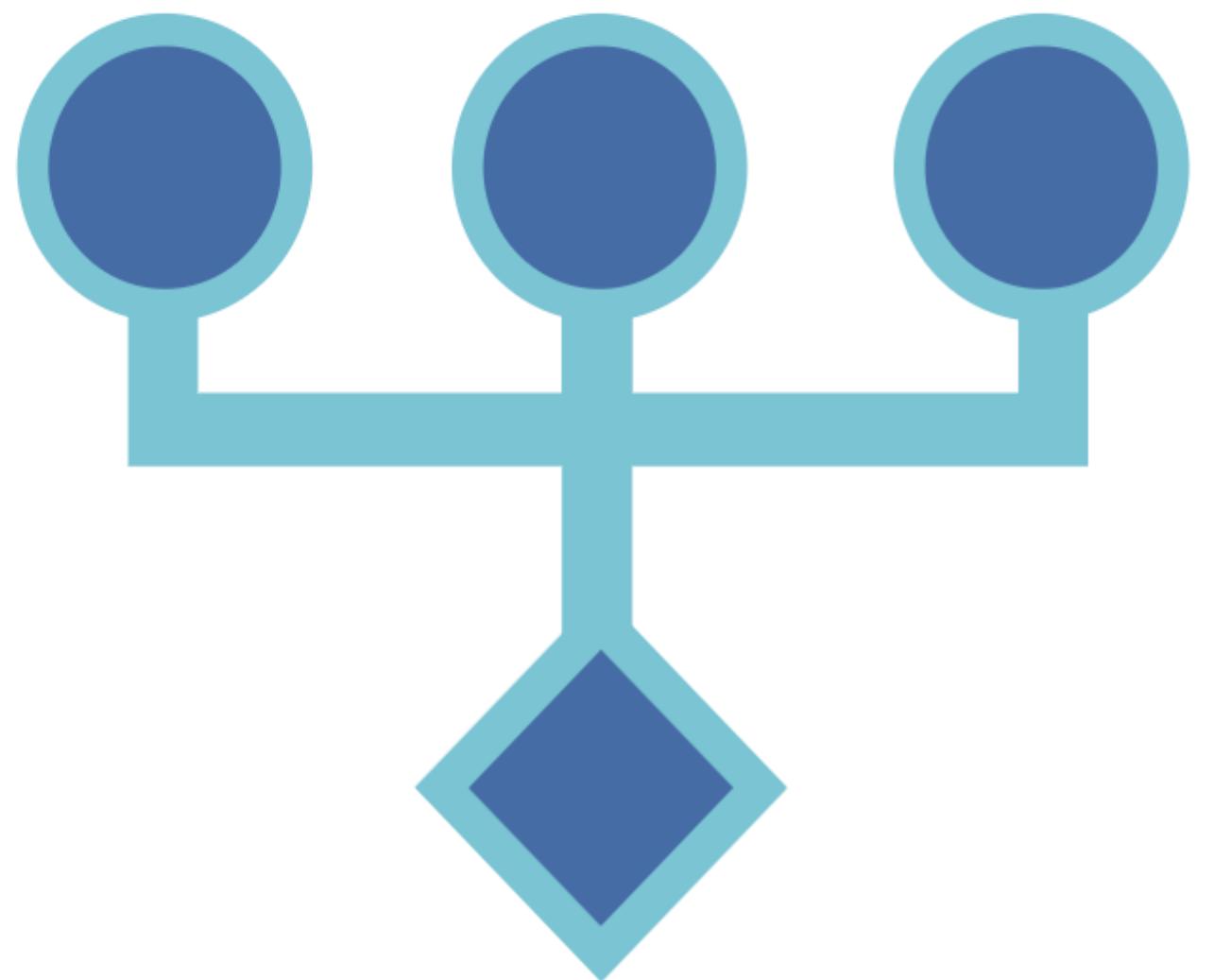
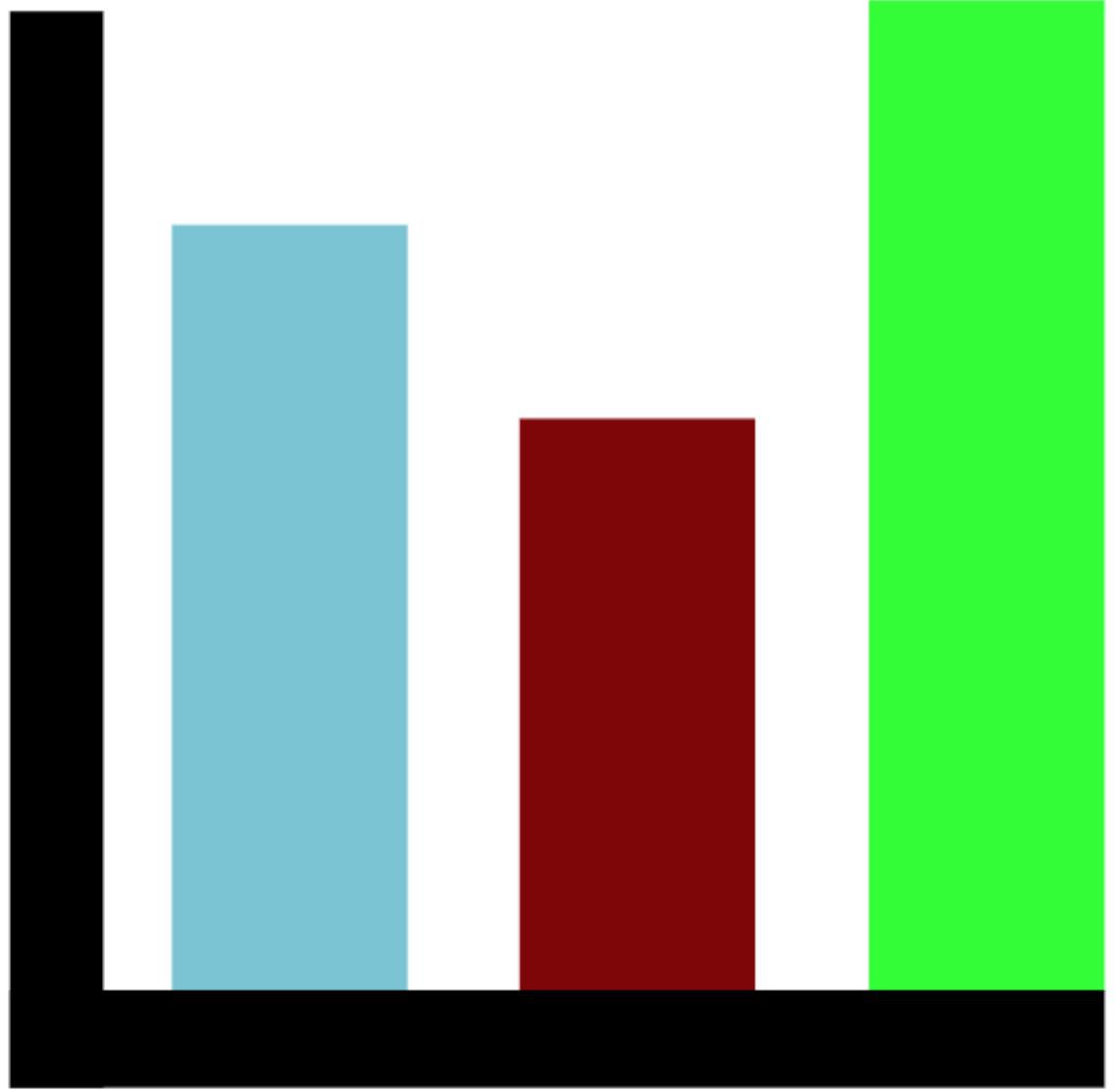


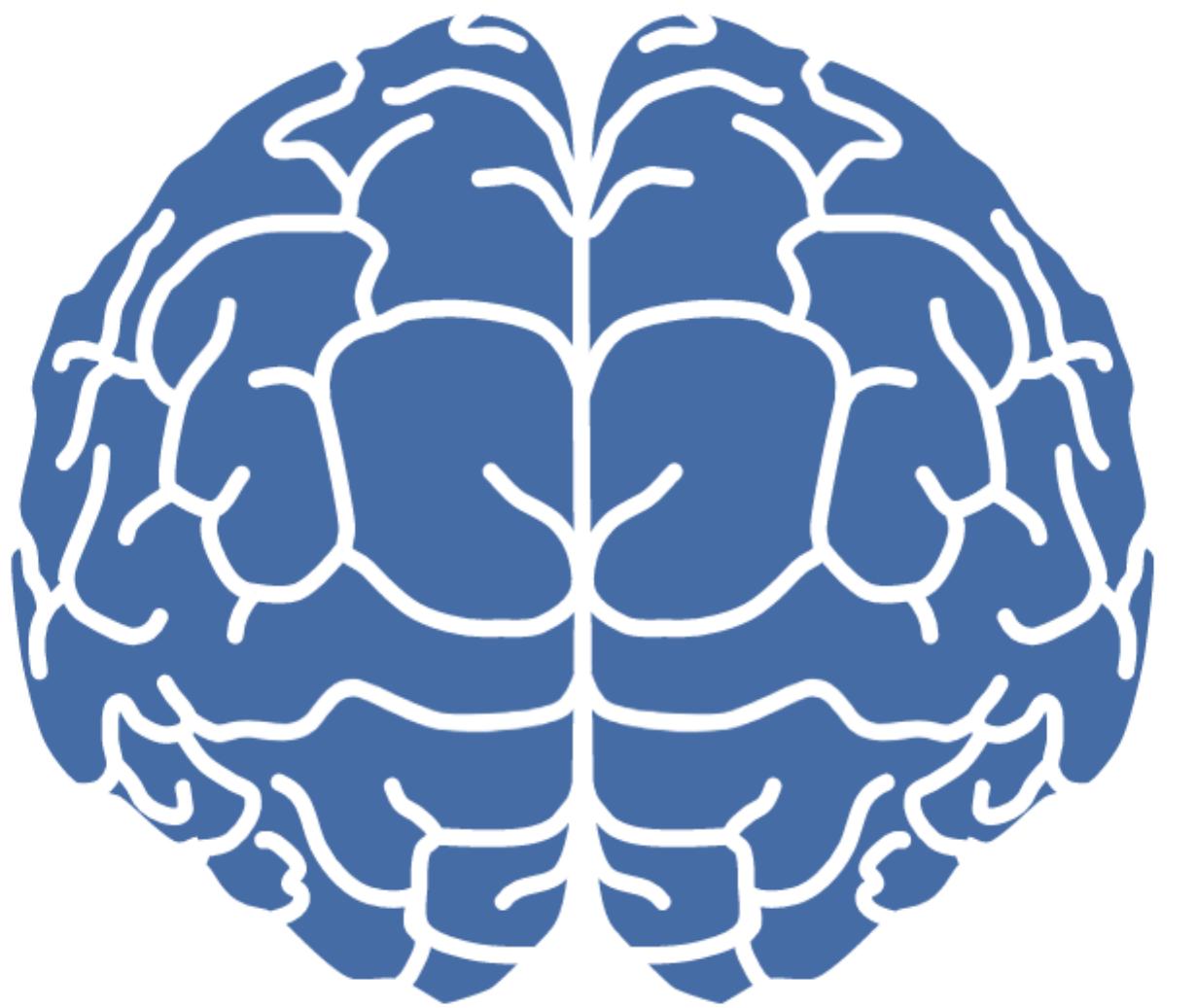
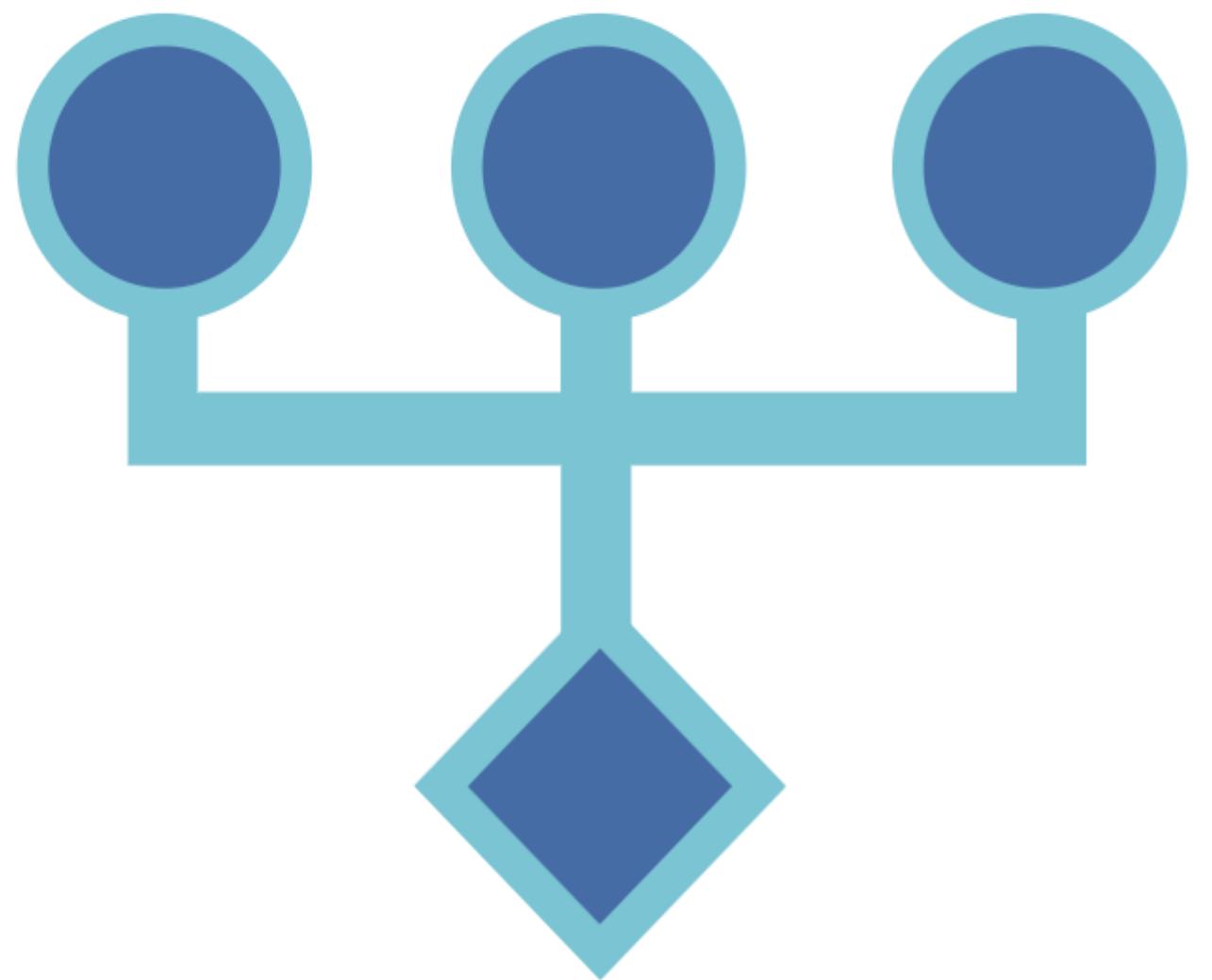
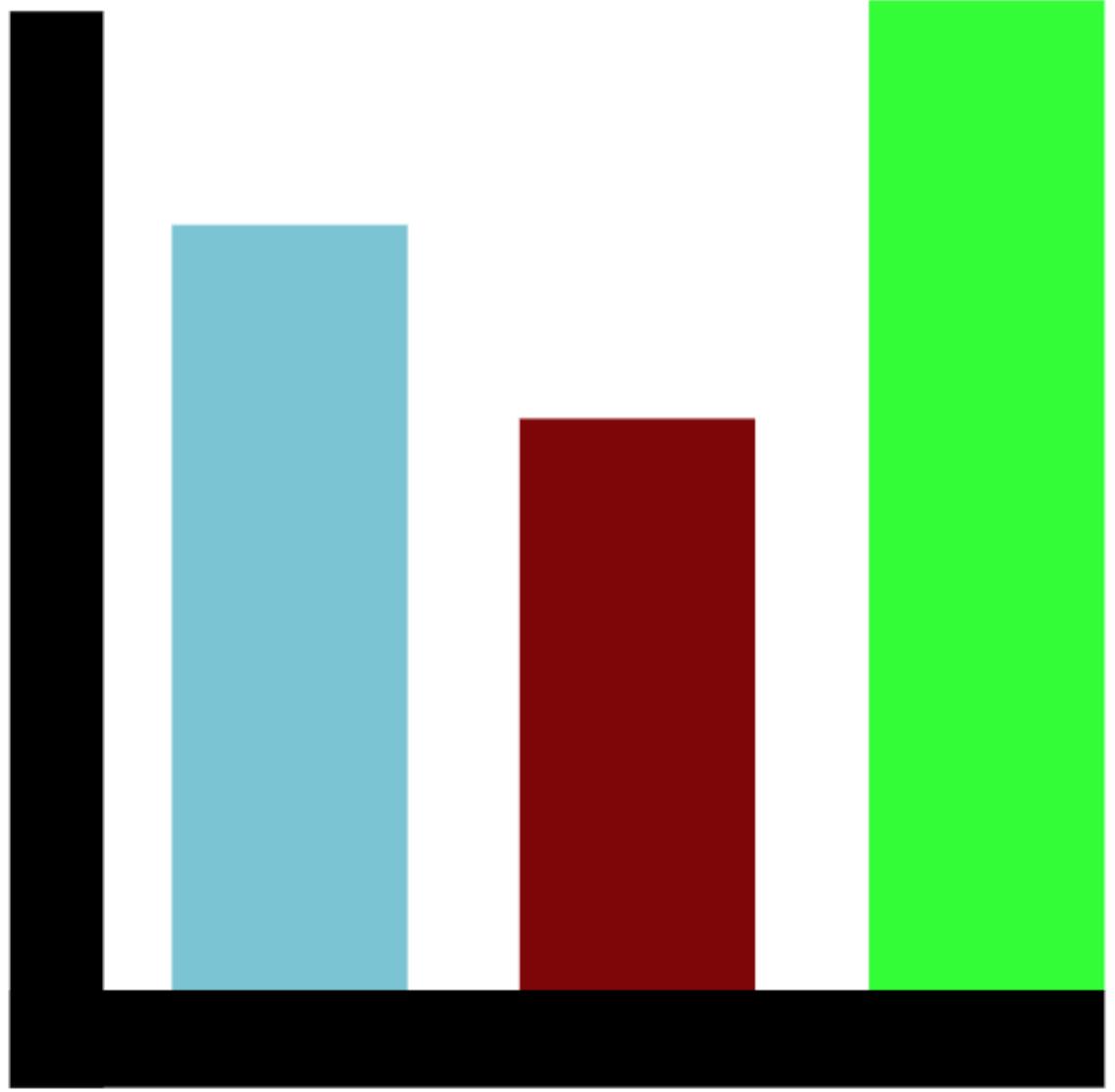
Control Plane

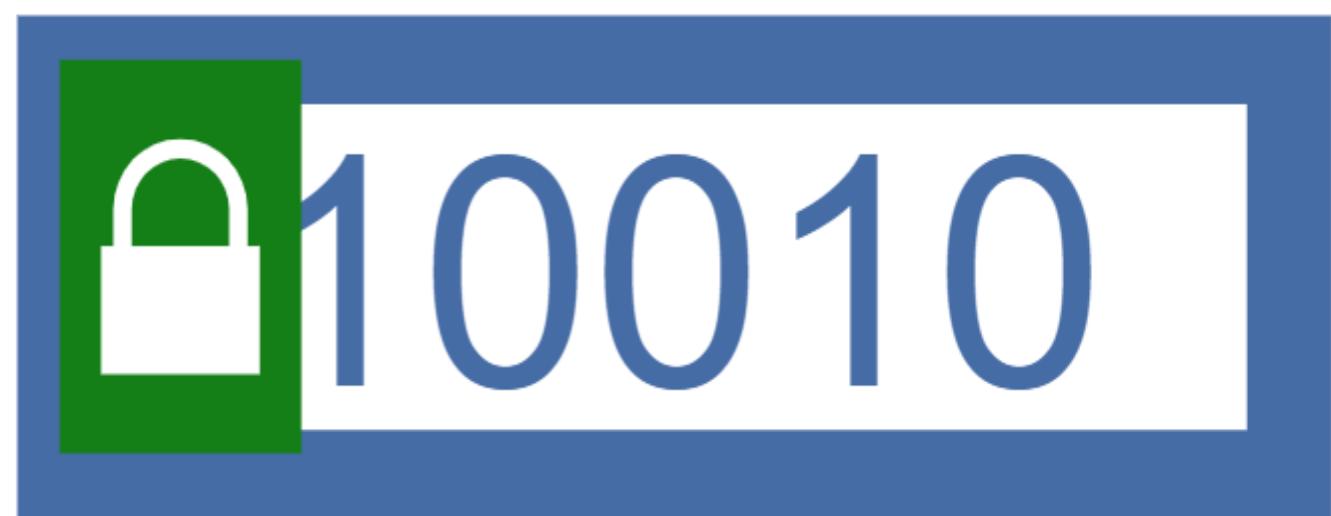
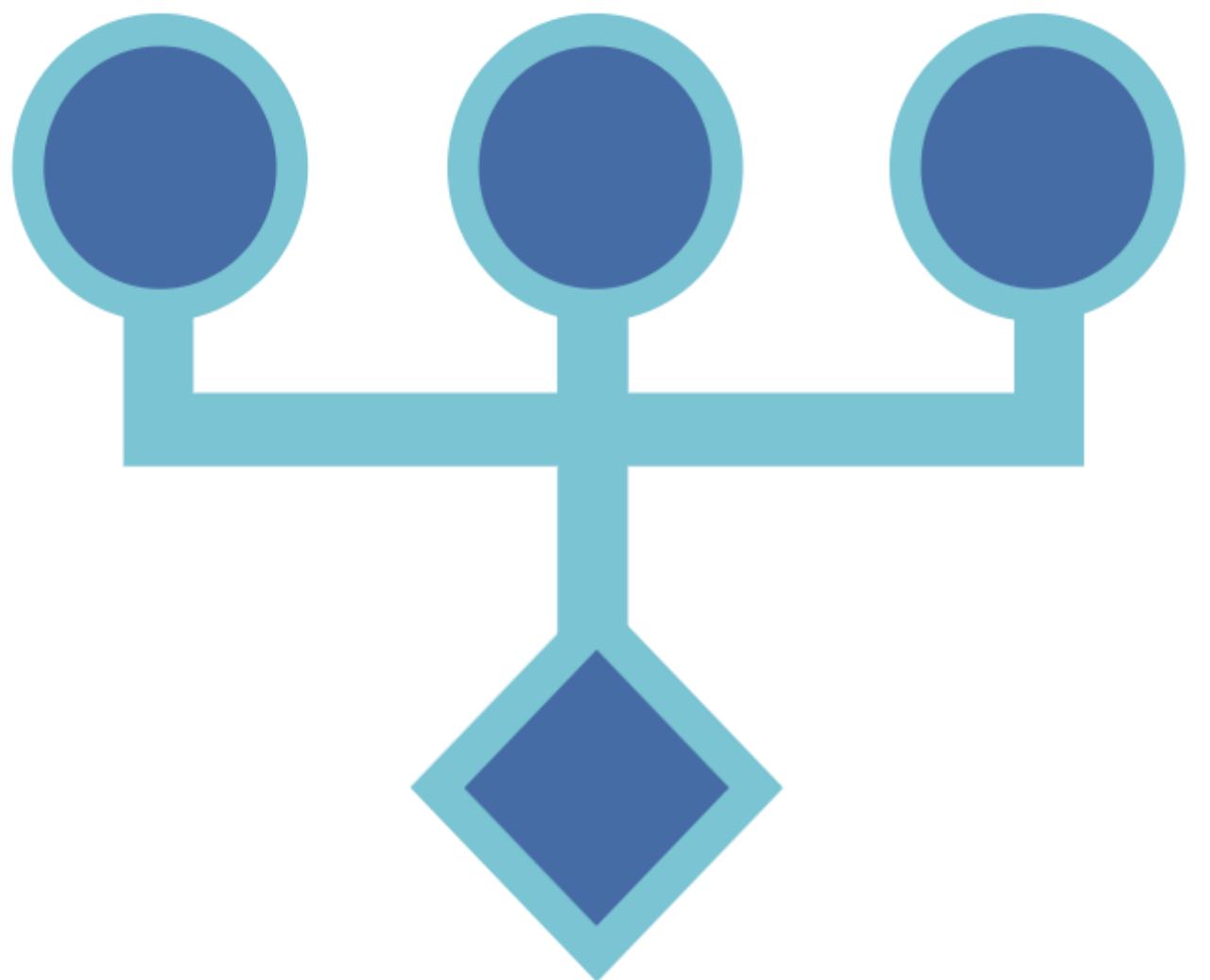
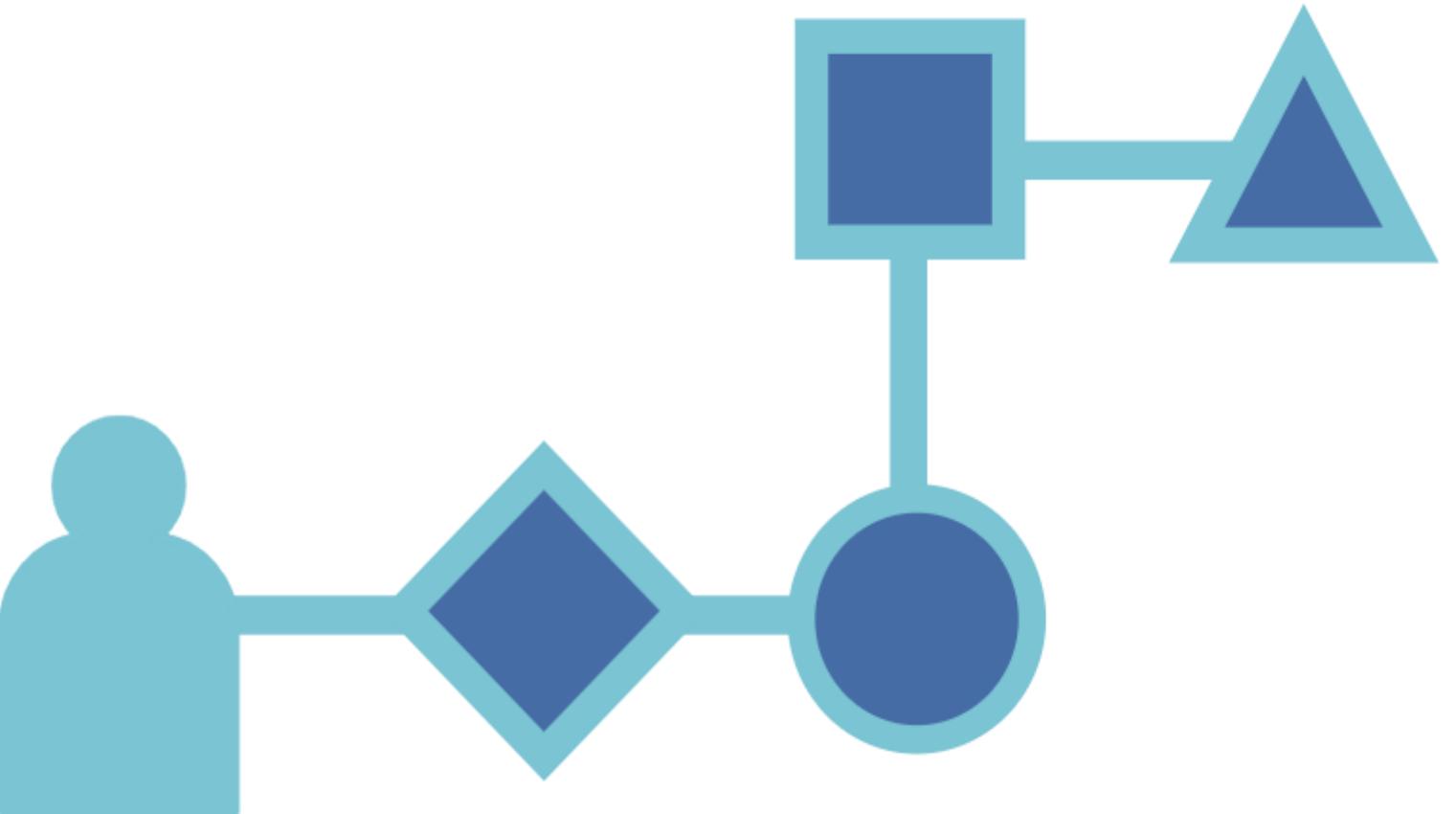
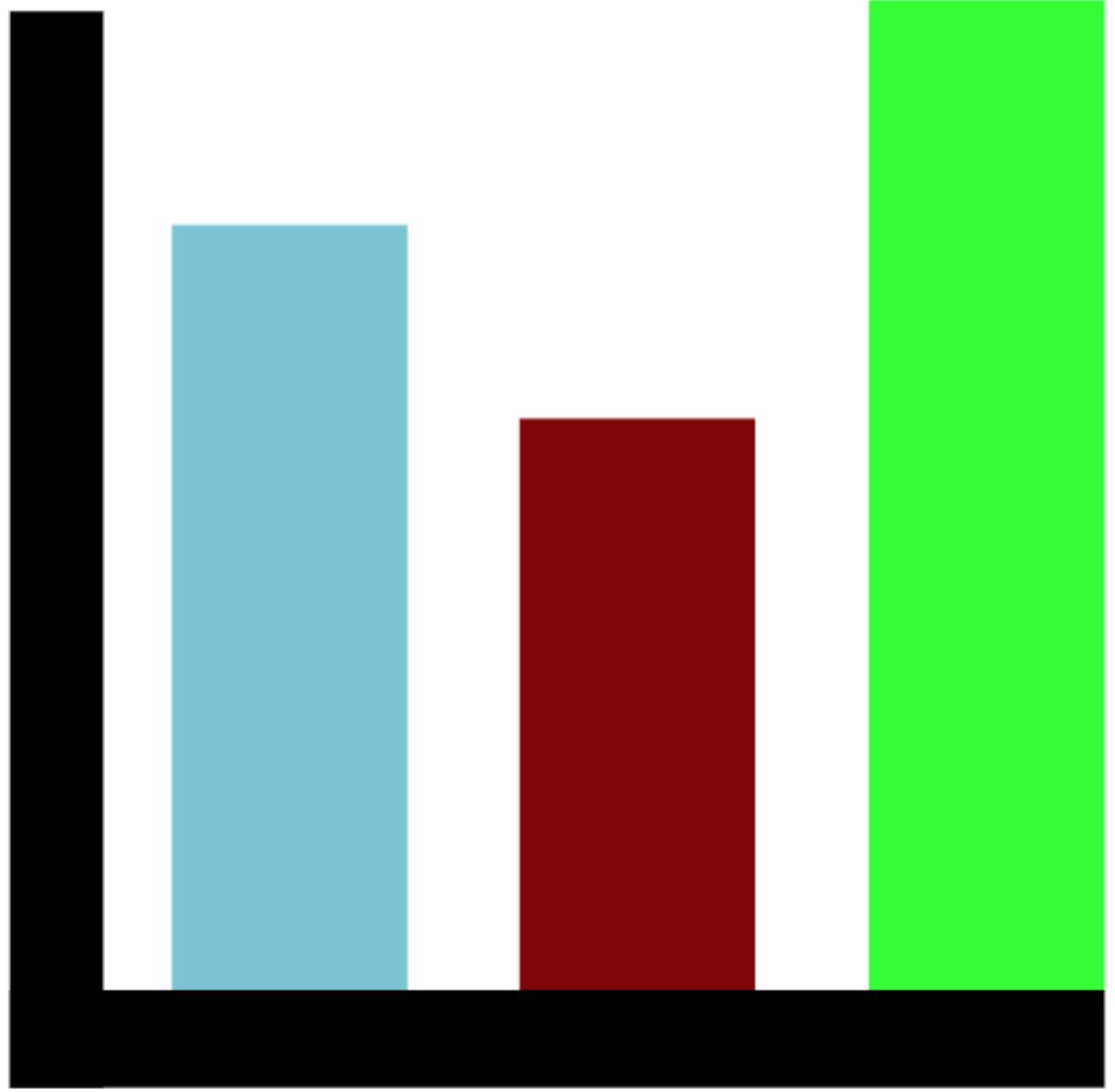
Proxy





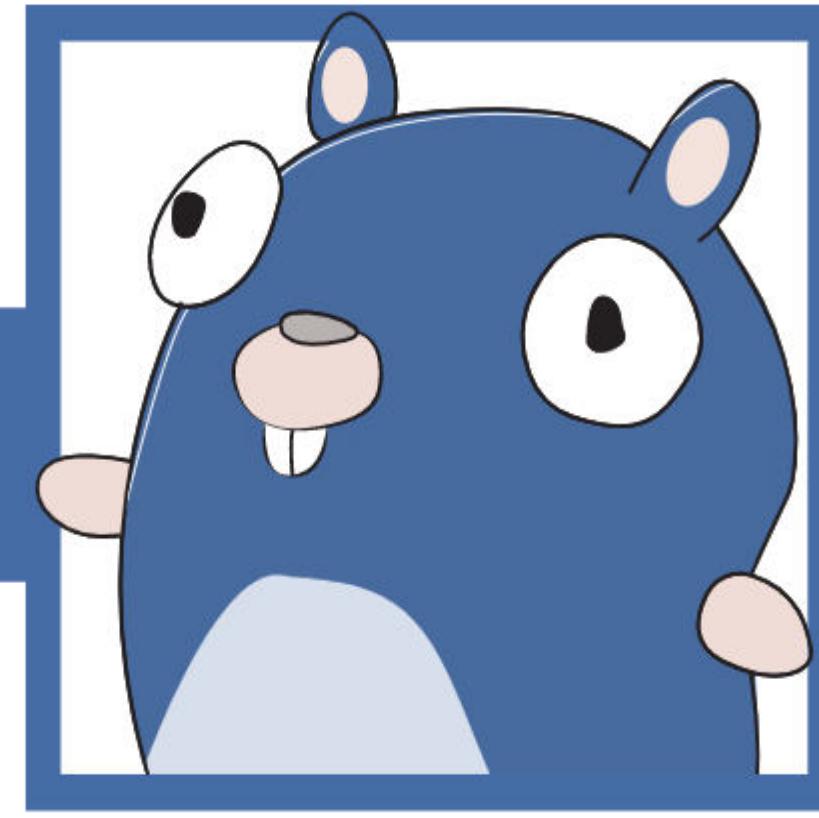
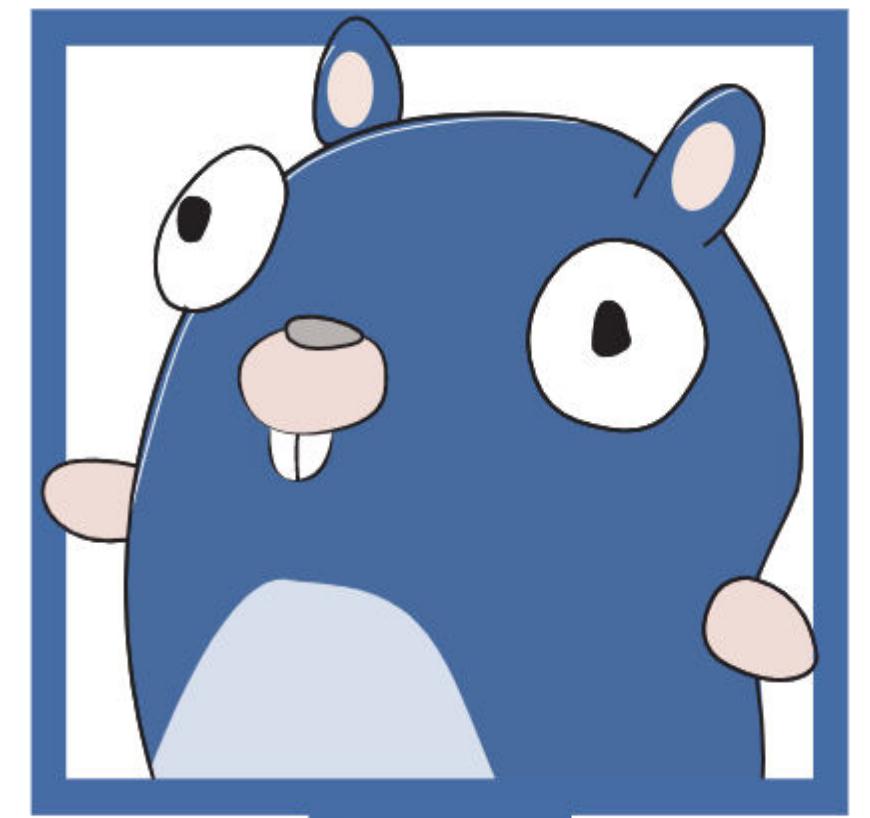
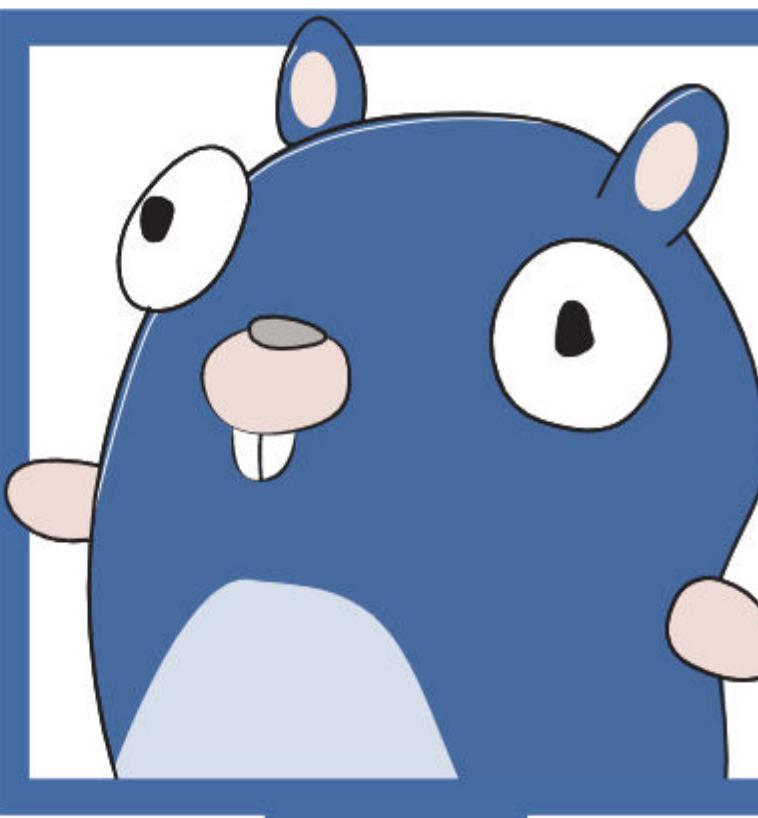




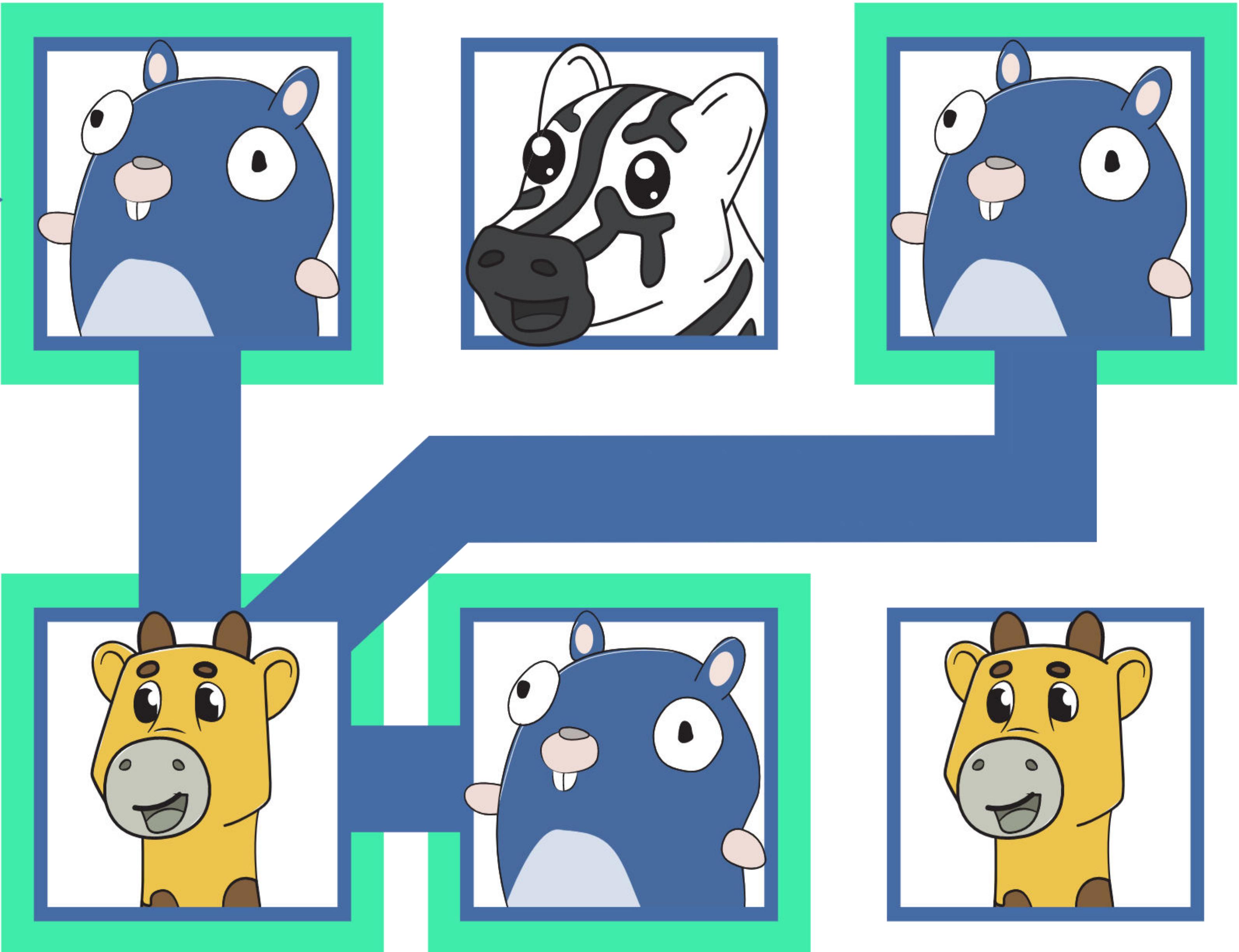




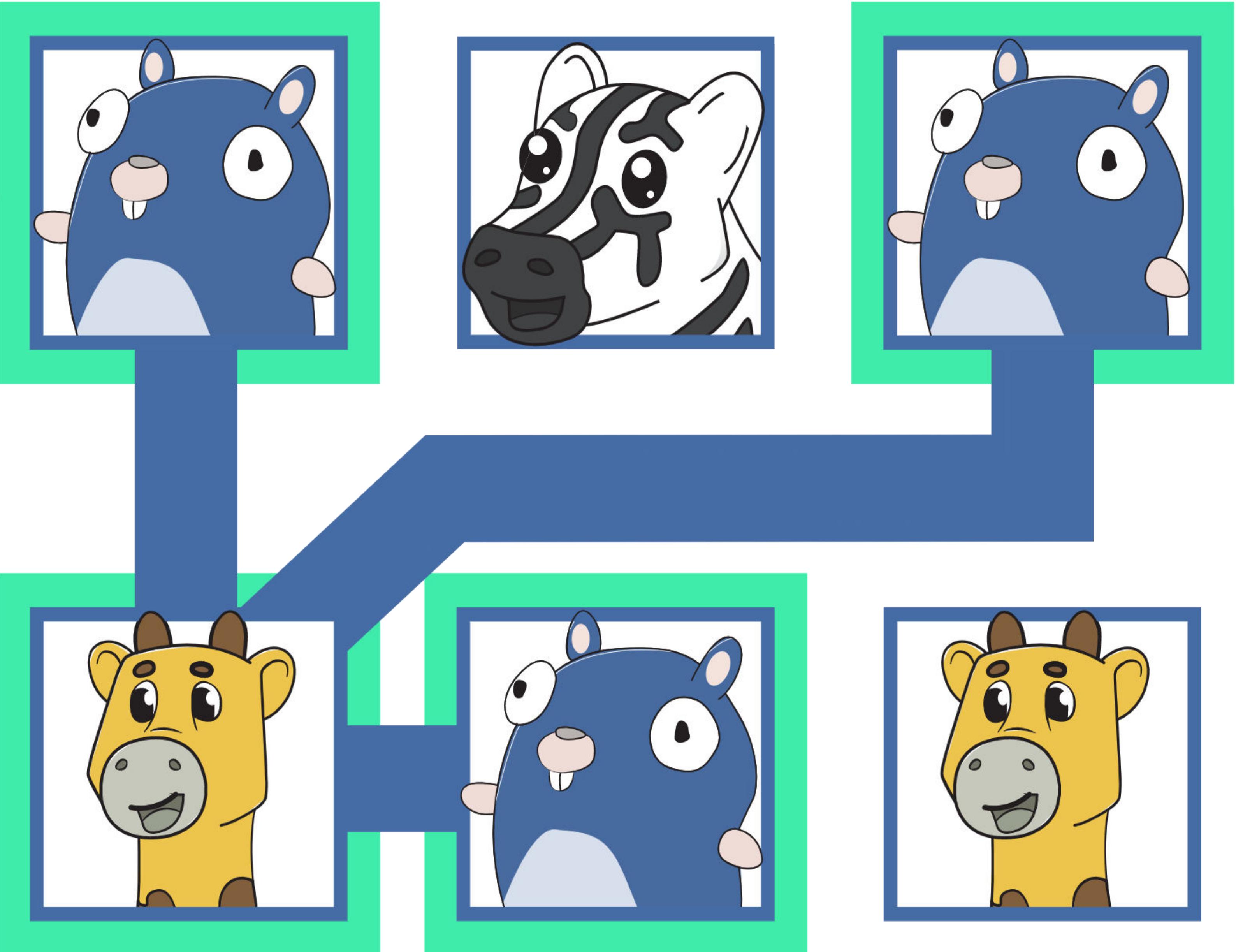
LINKERD



linkerd2-proxy

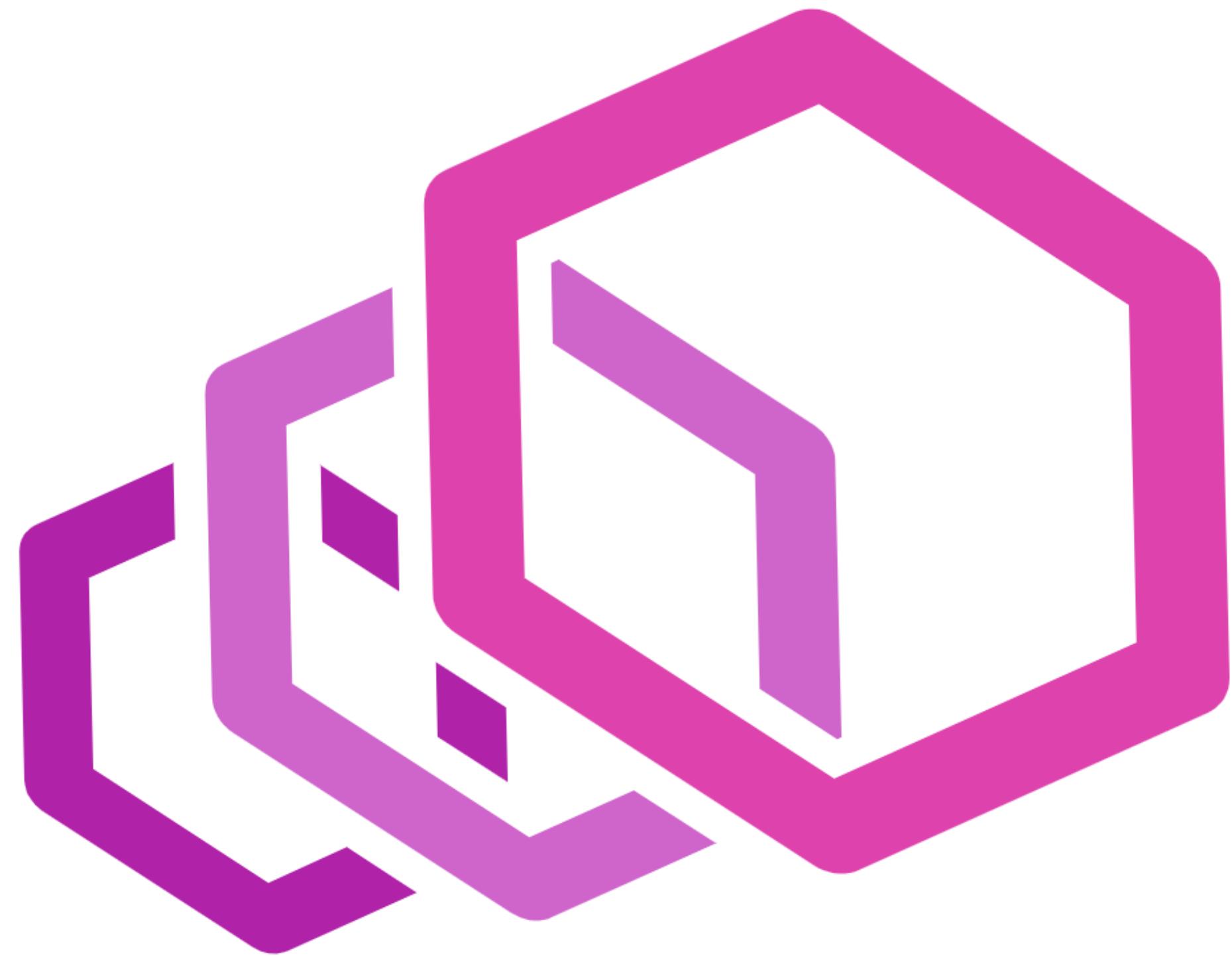


linkerd2-proxy

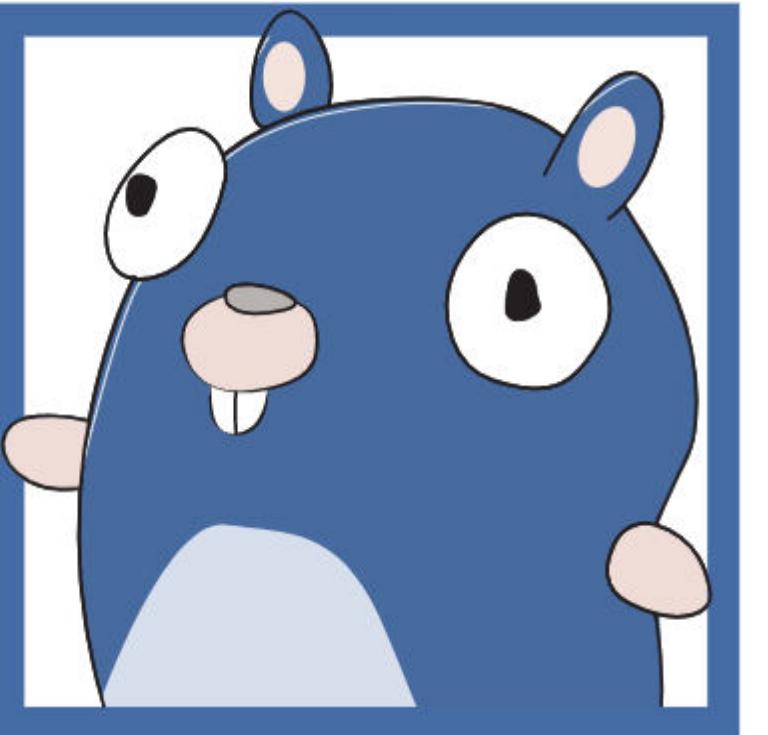
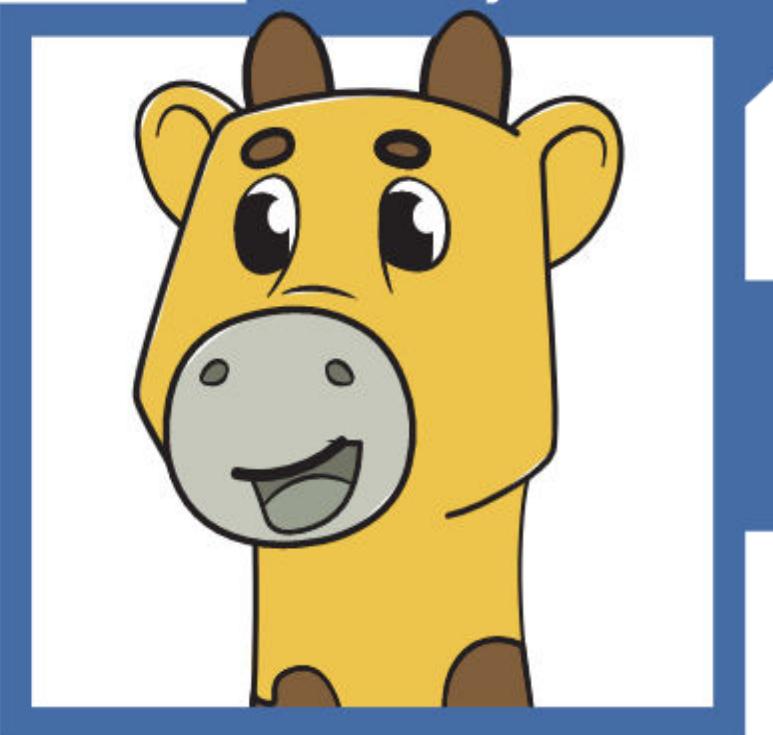
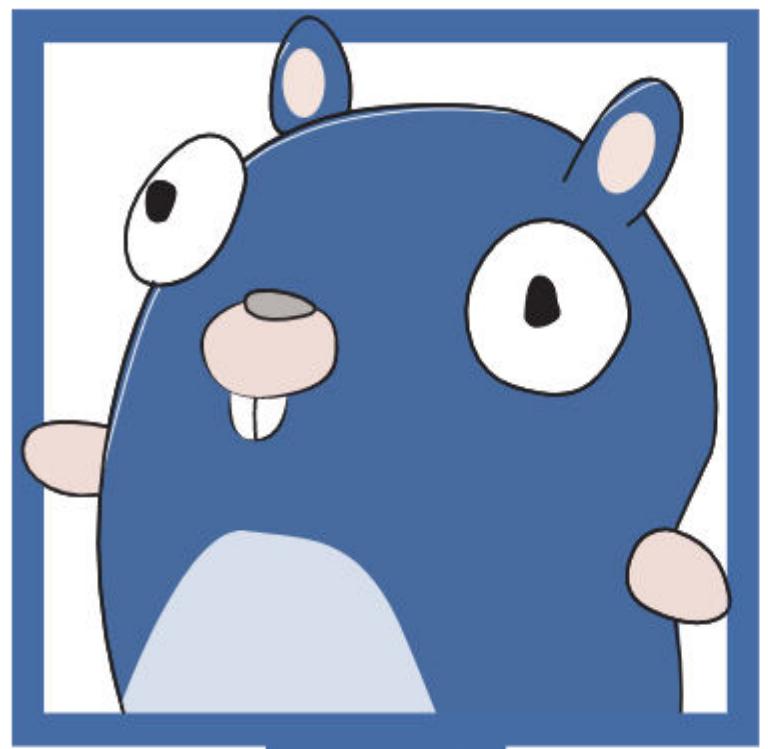




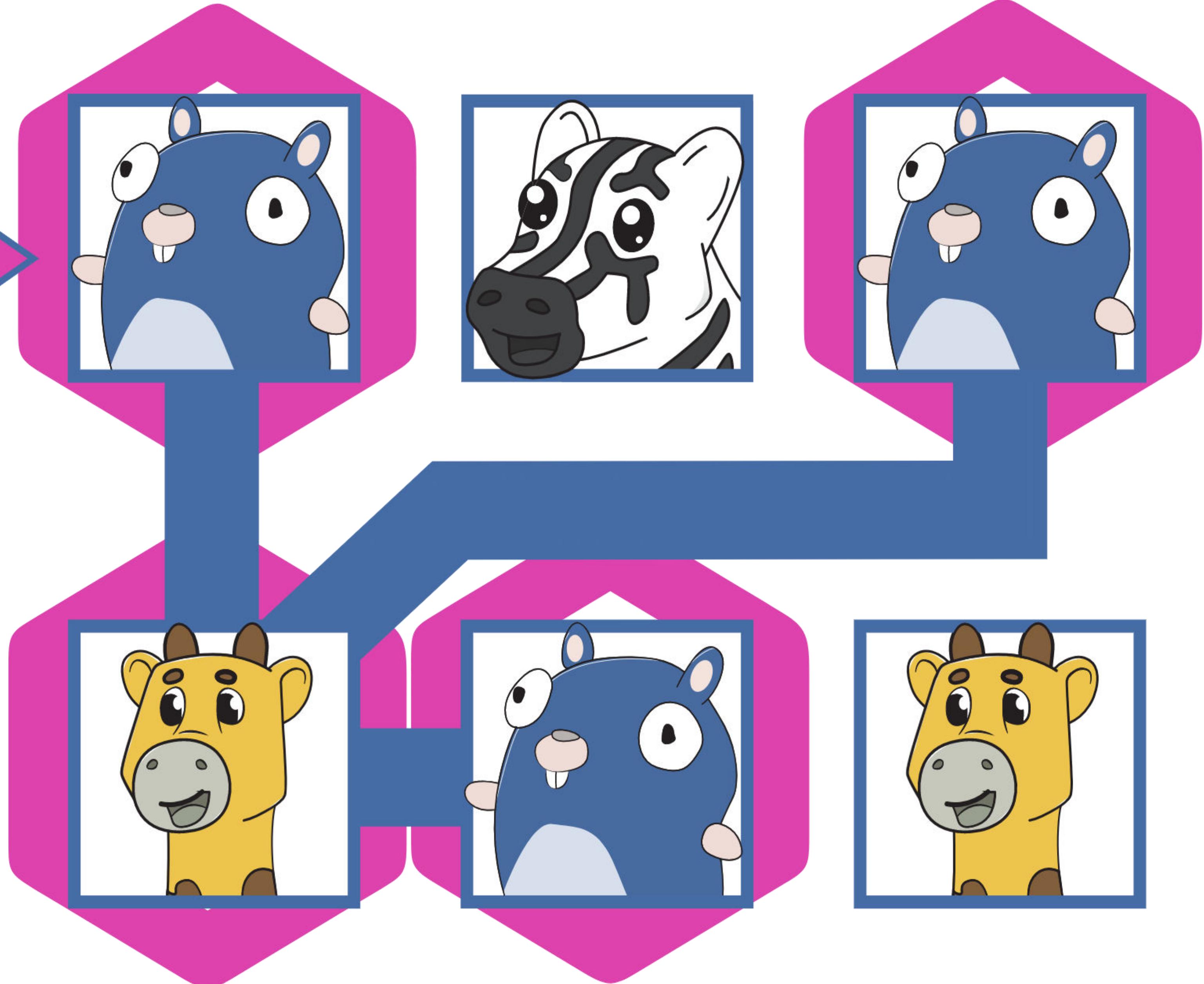
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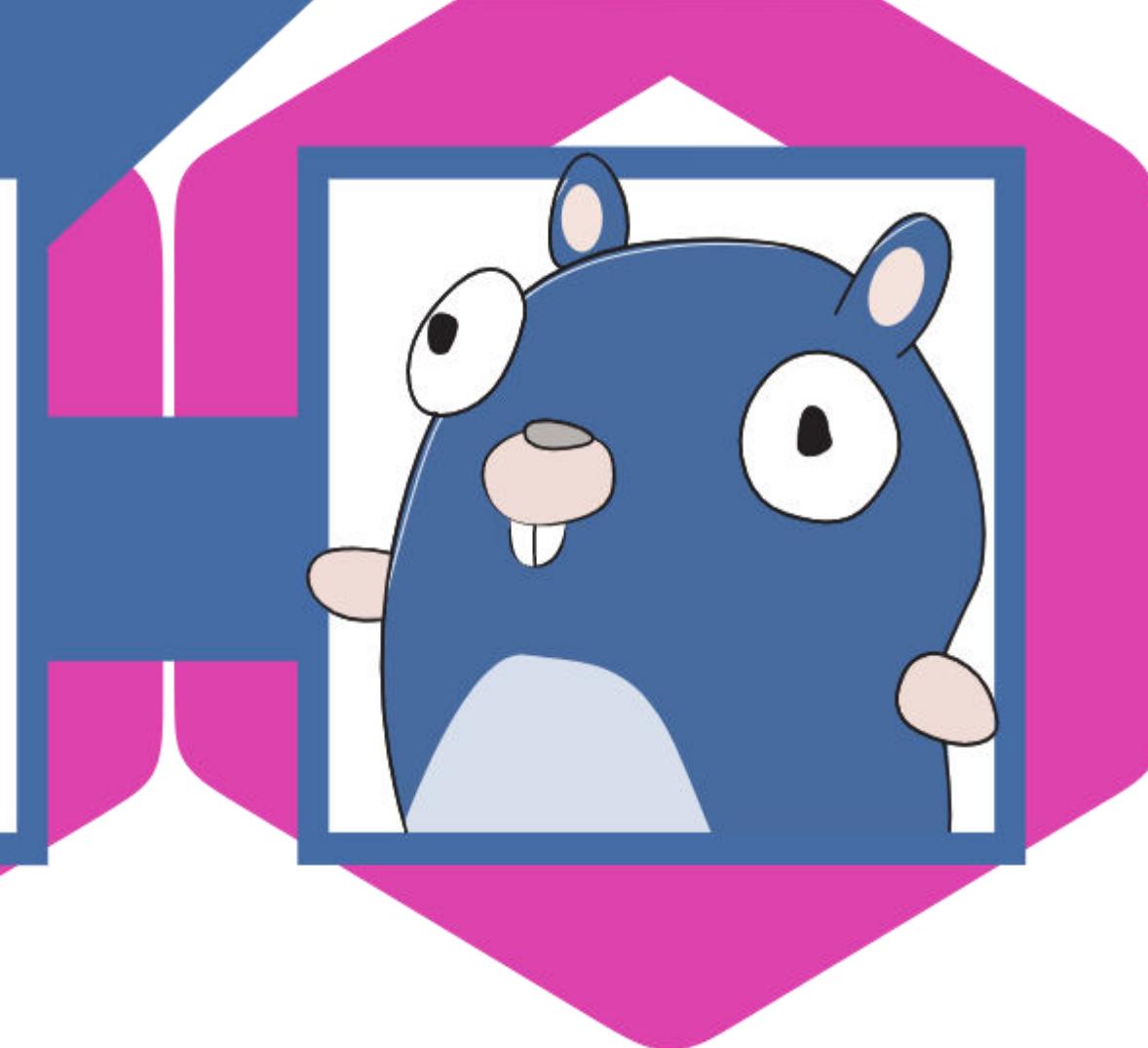
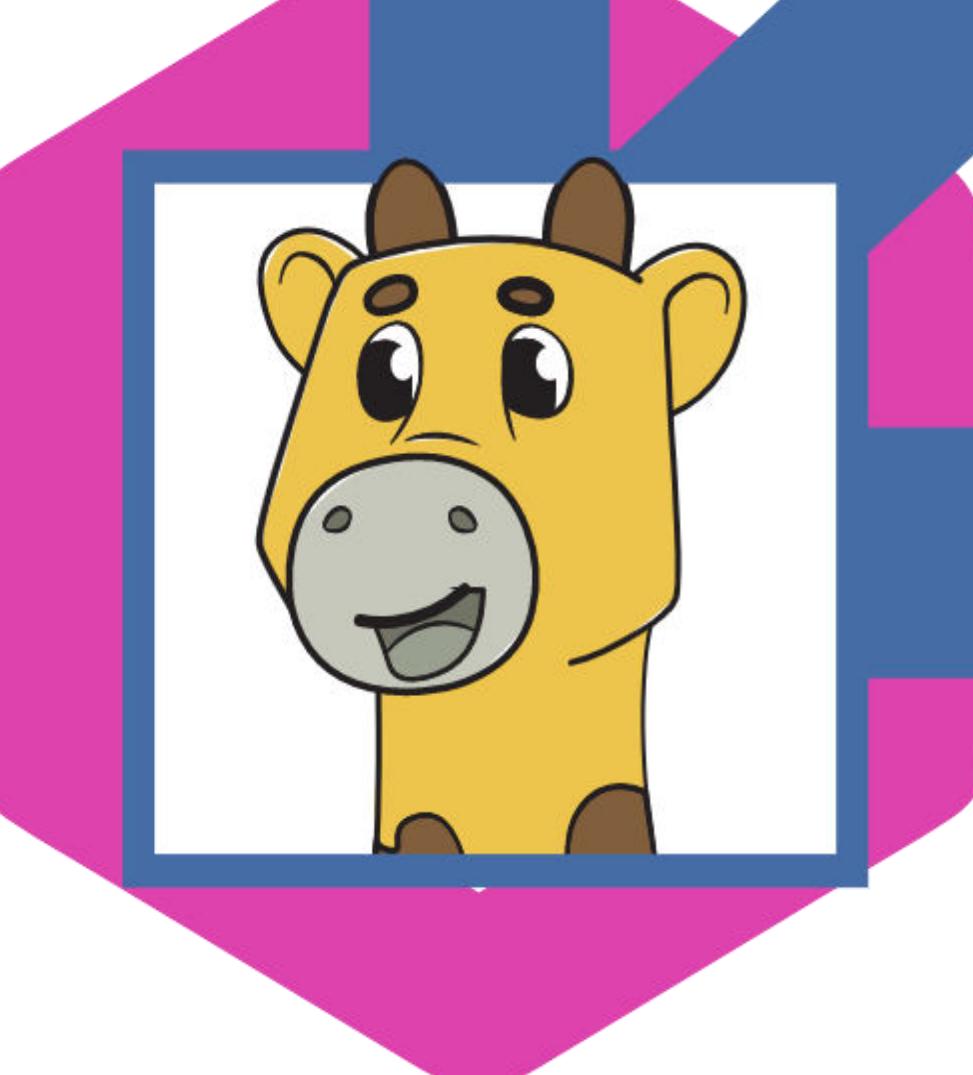
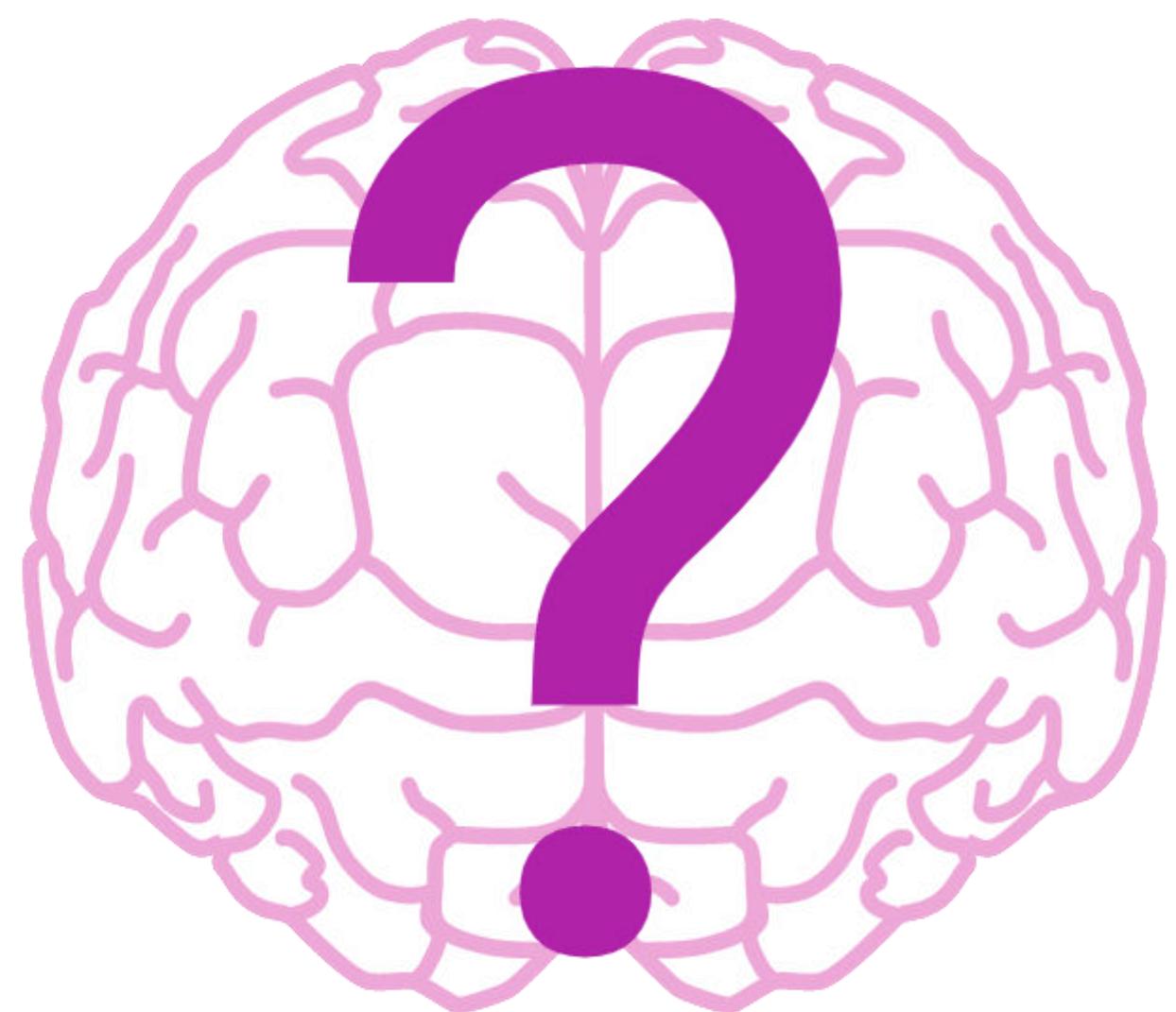
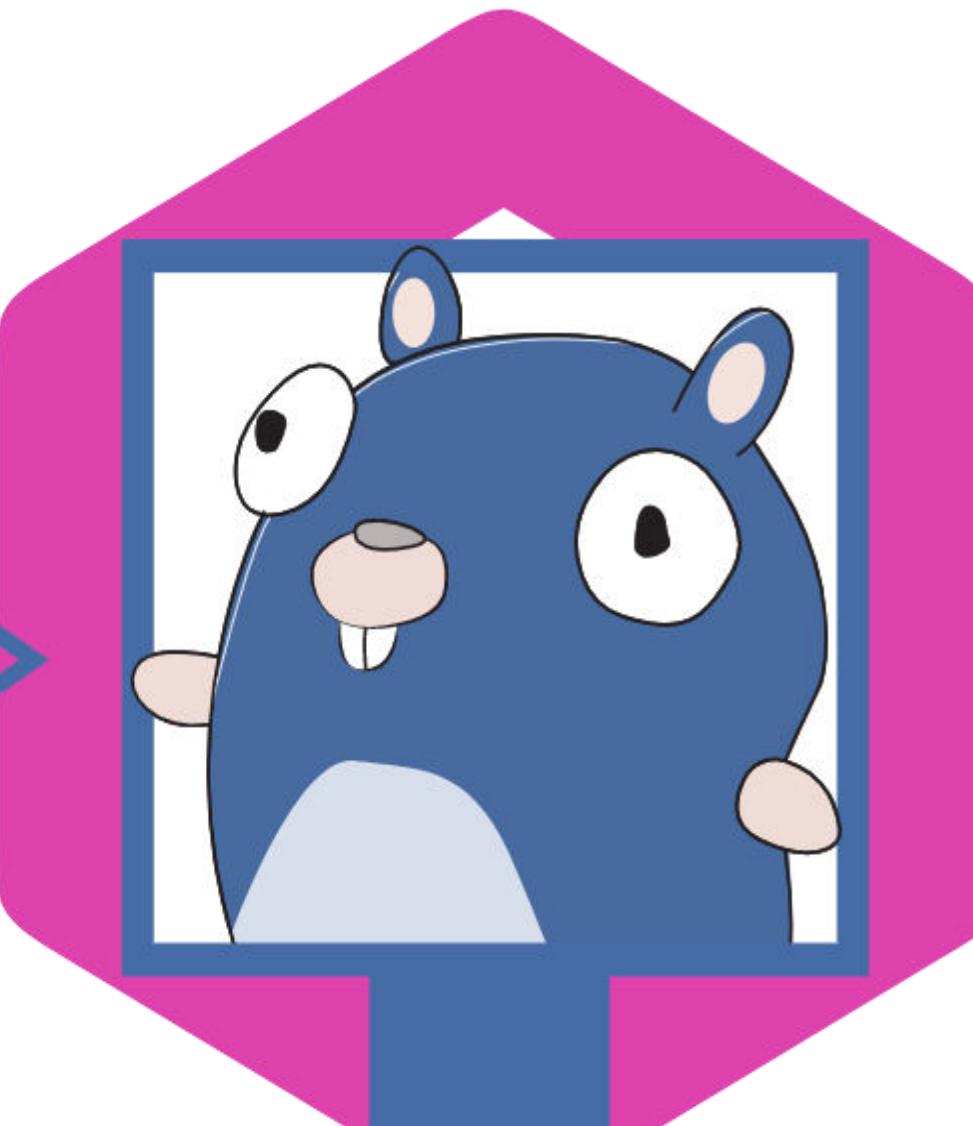
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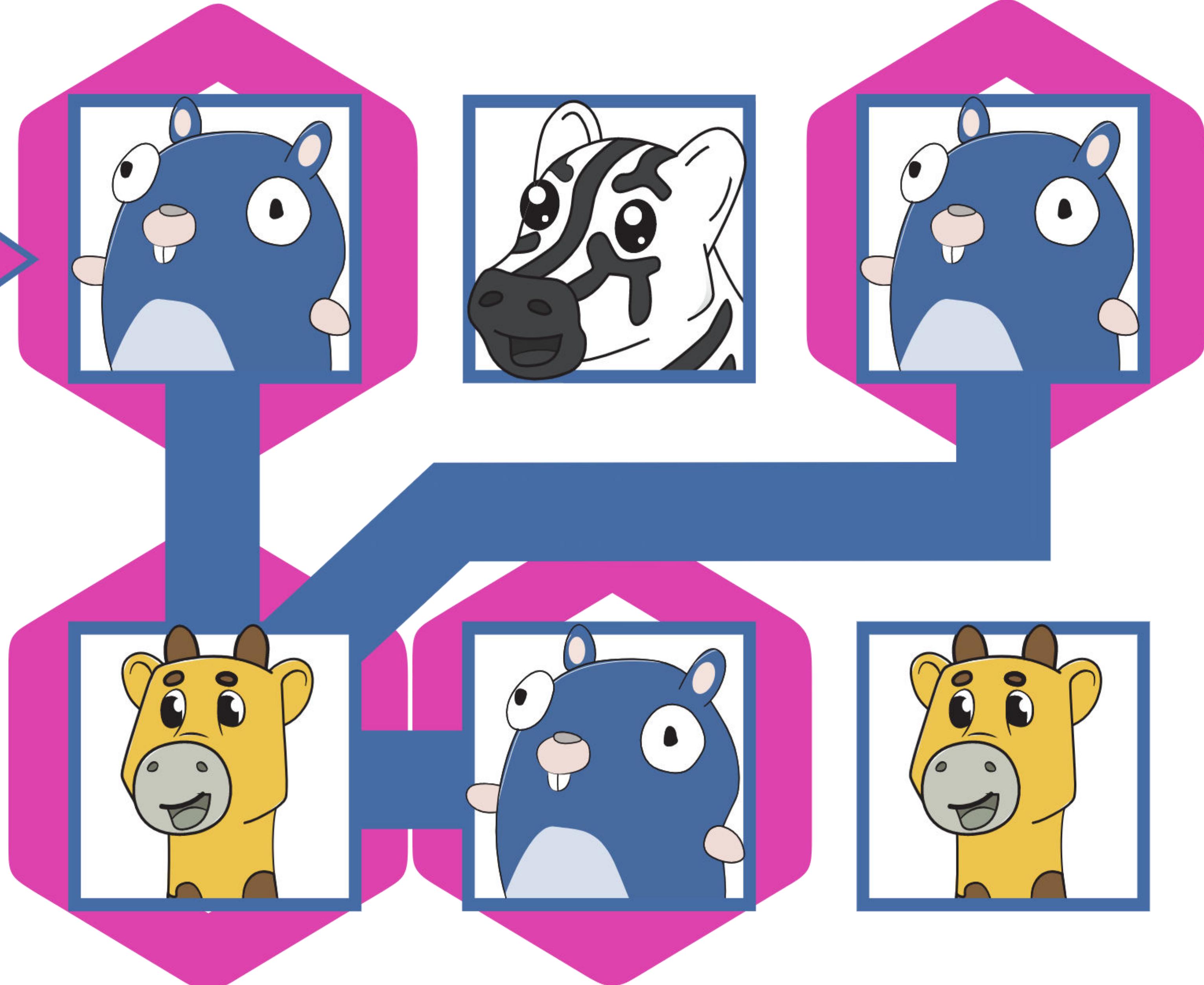
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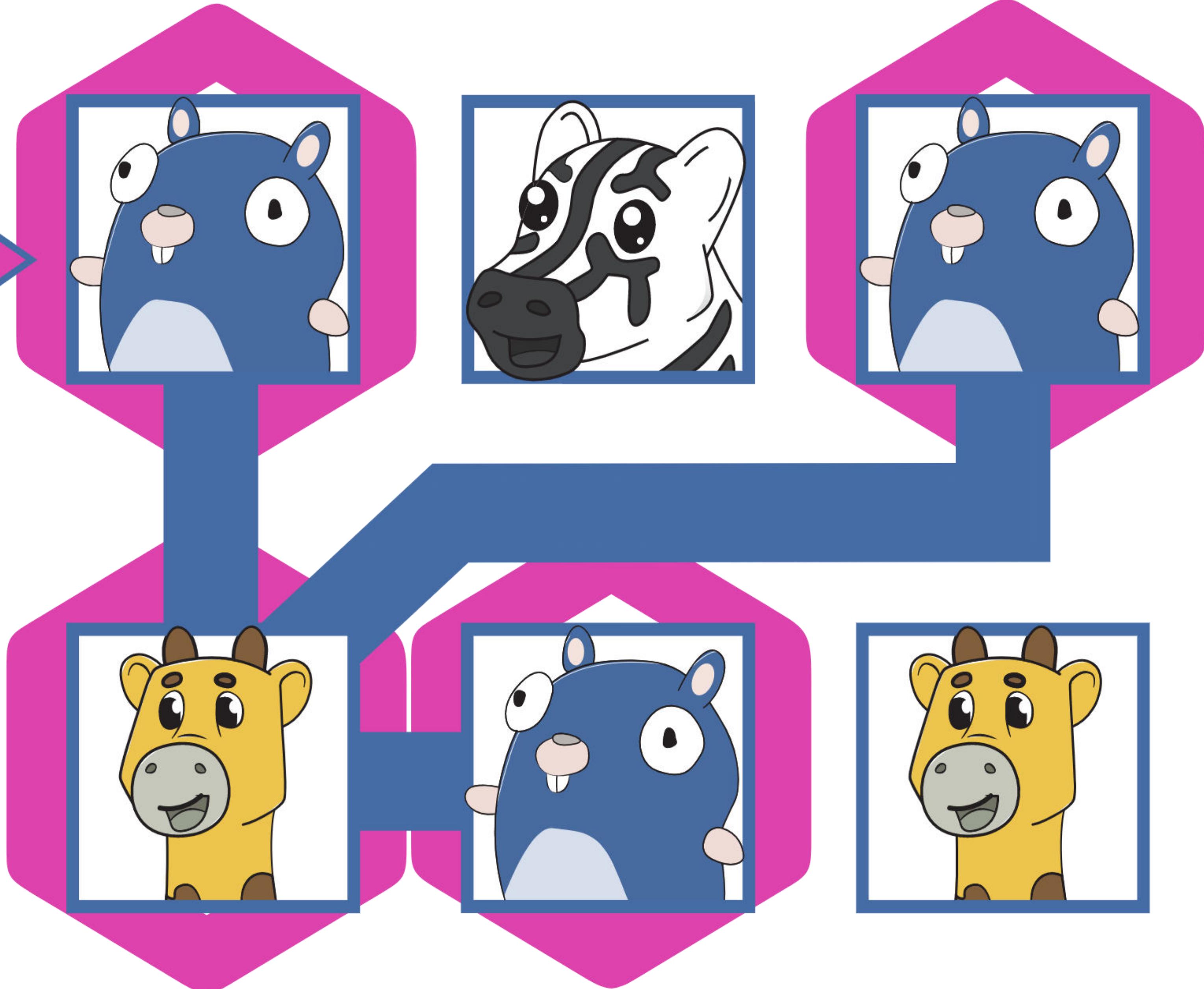
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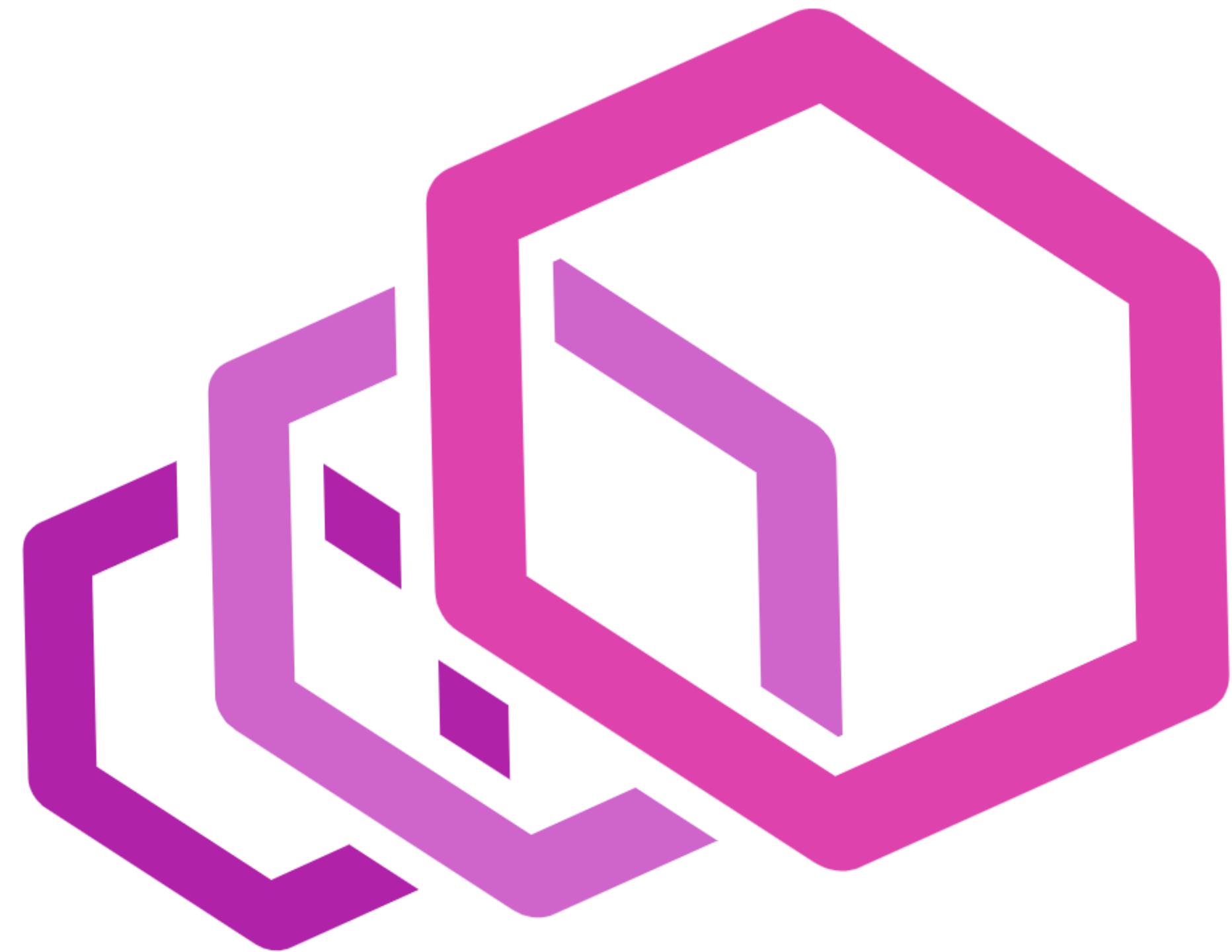


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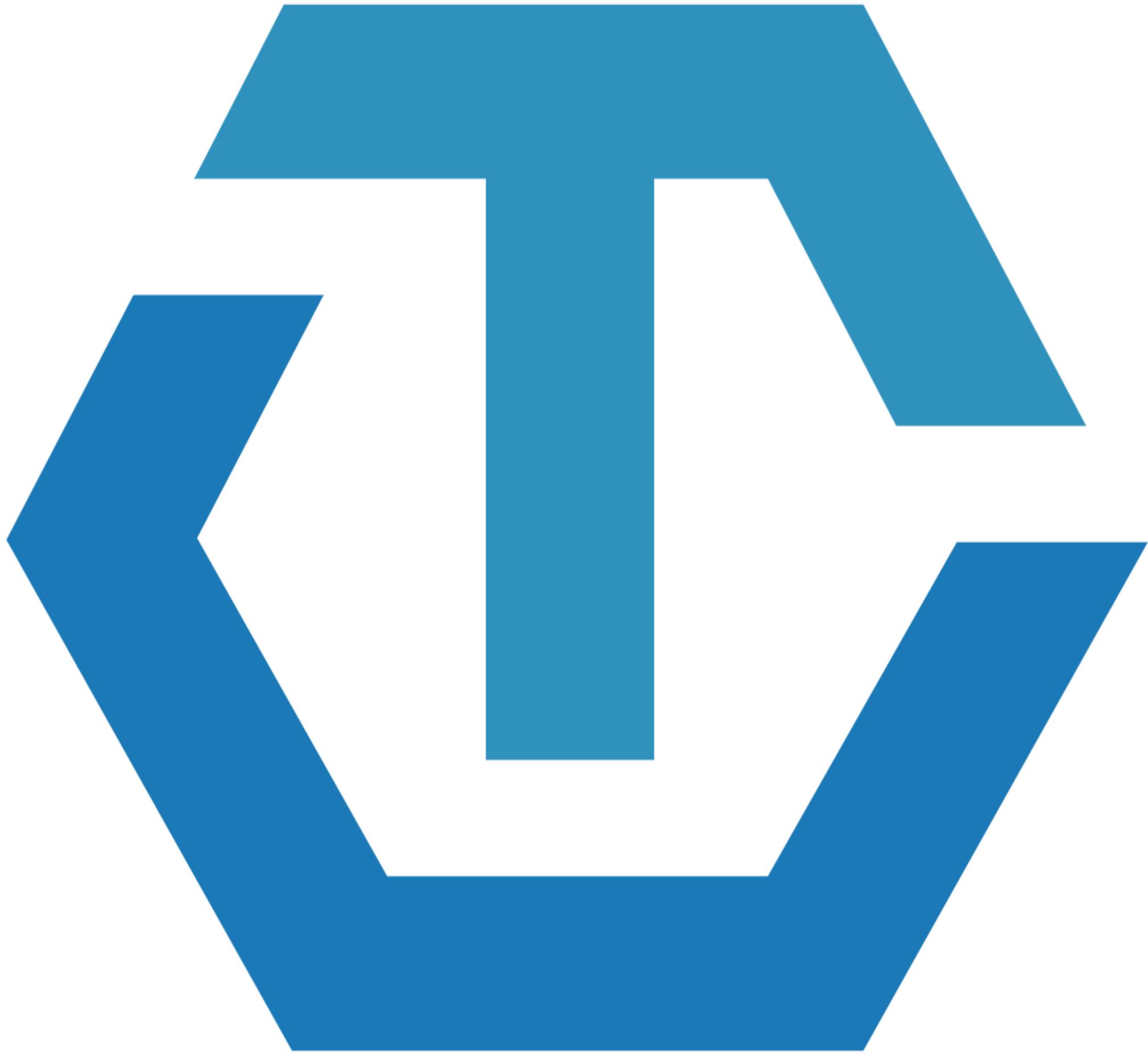


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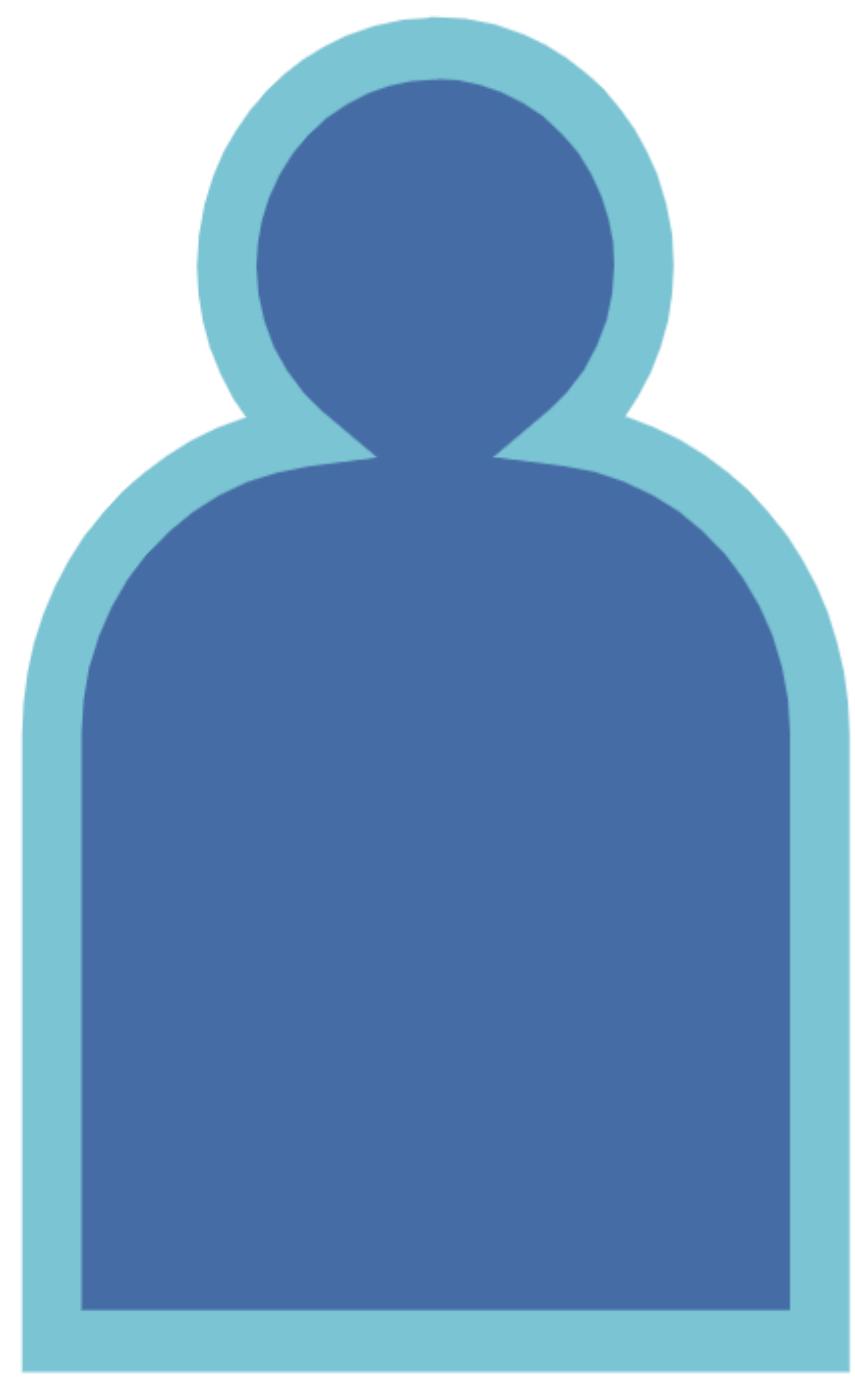




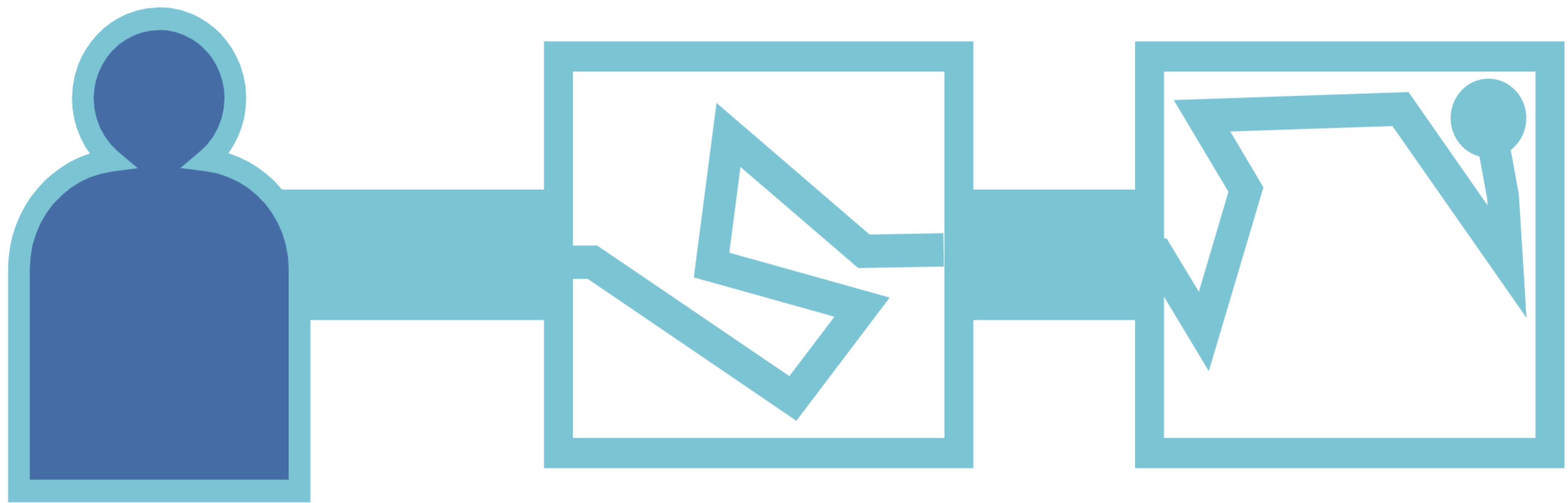
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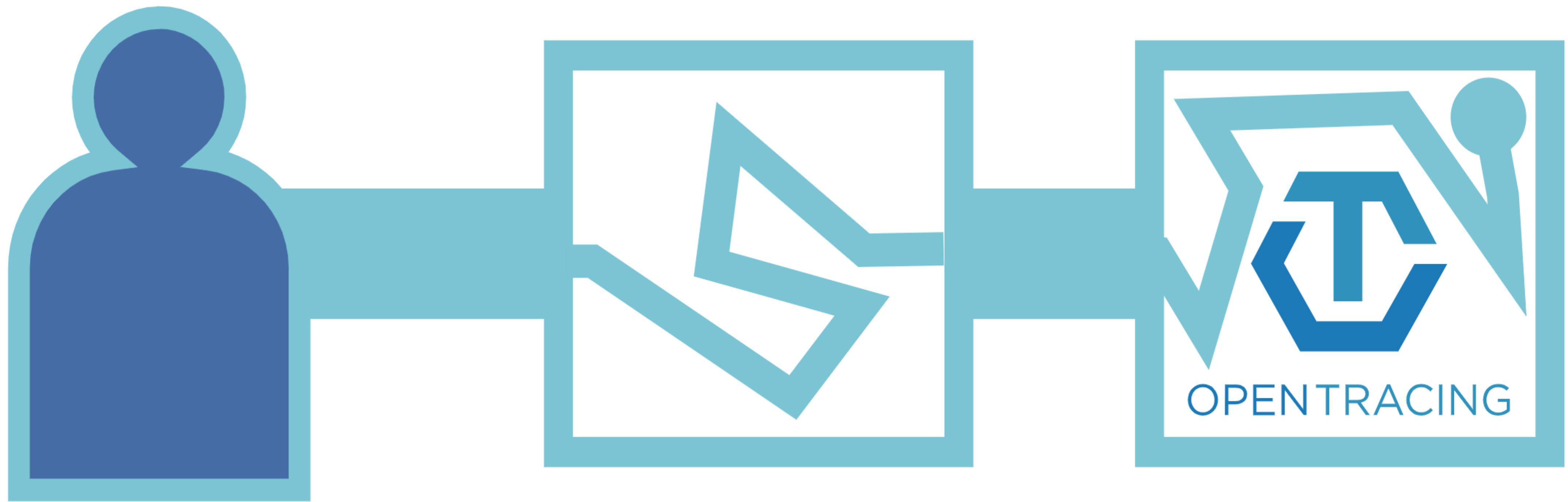


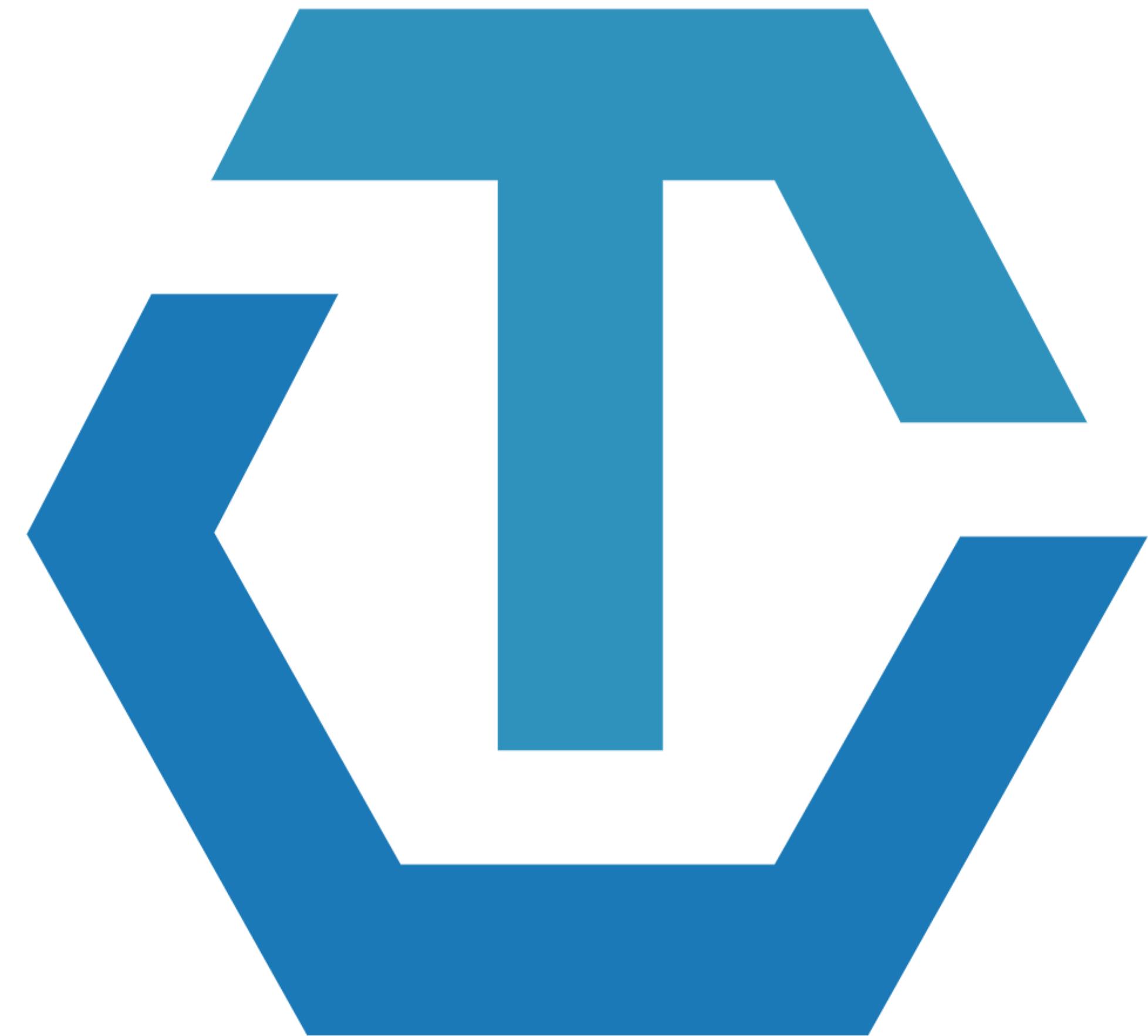
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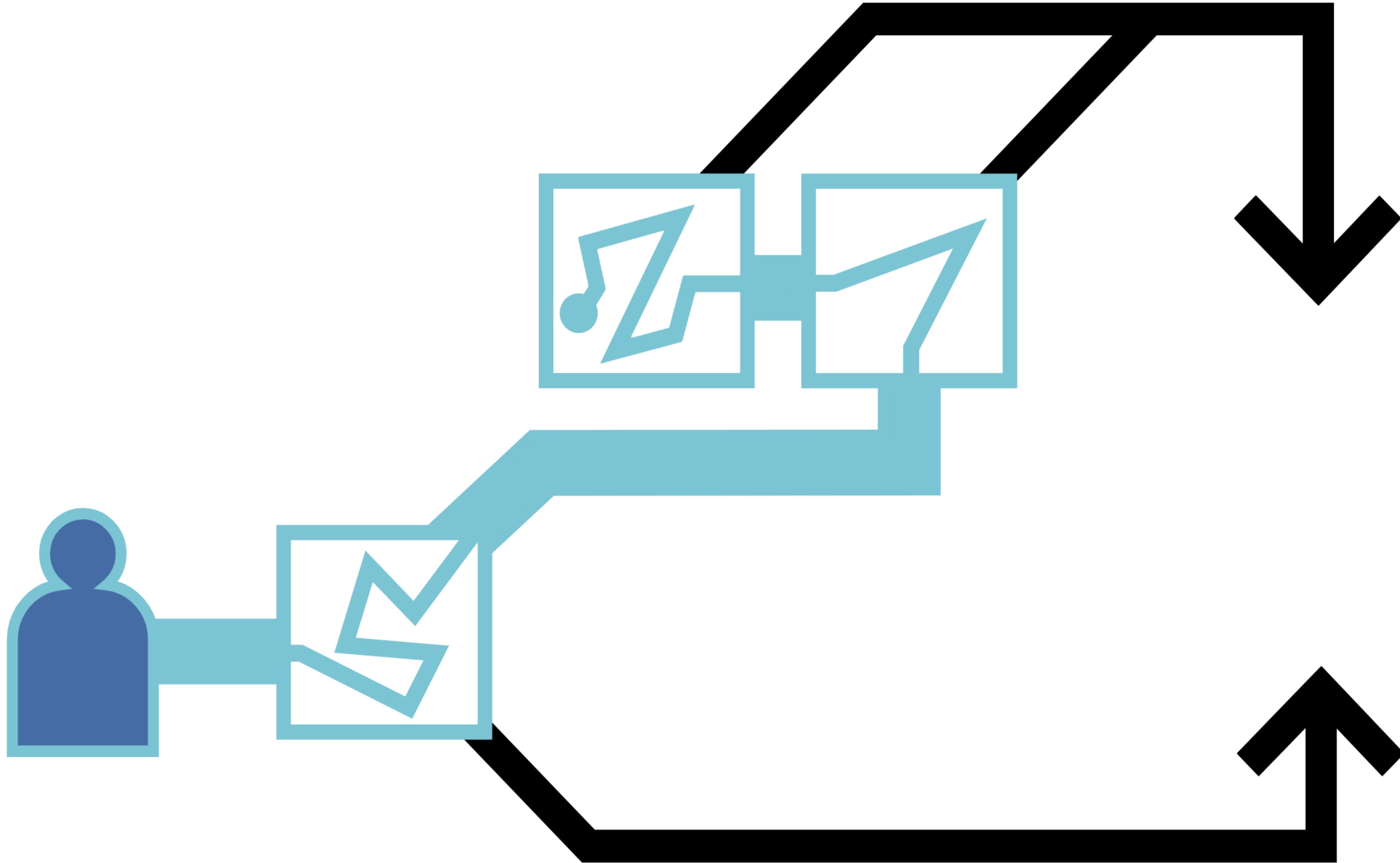


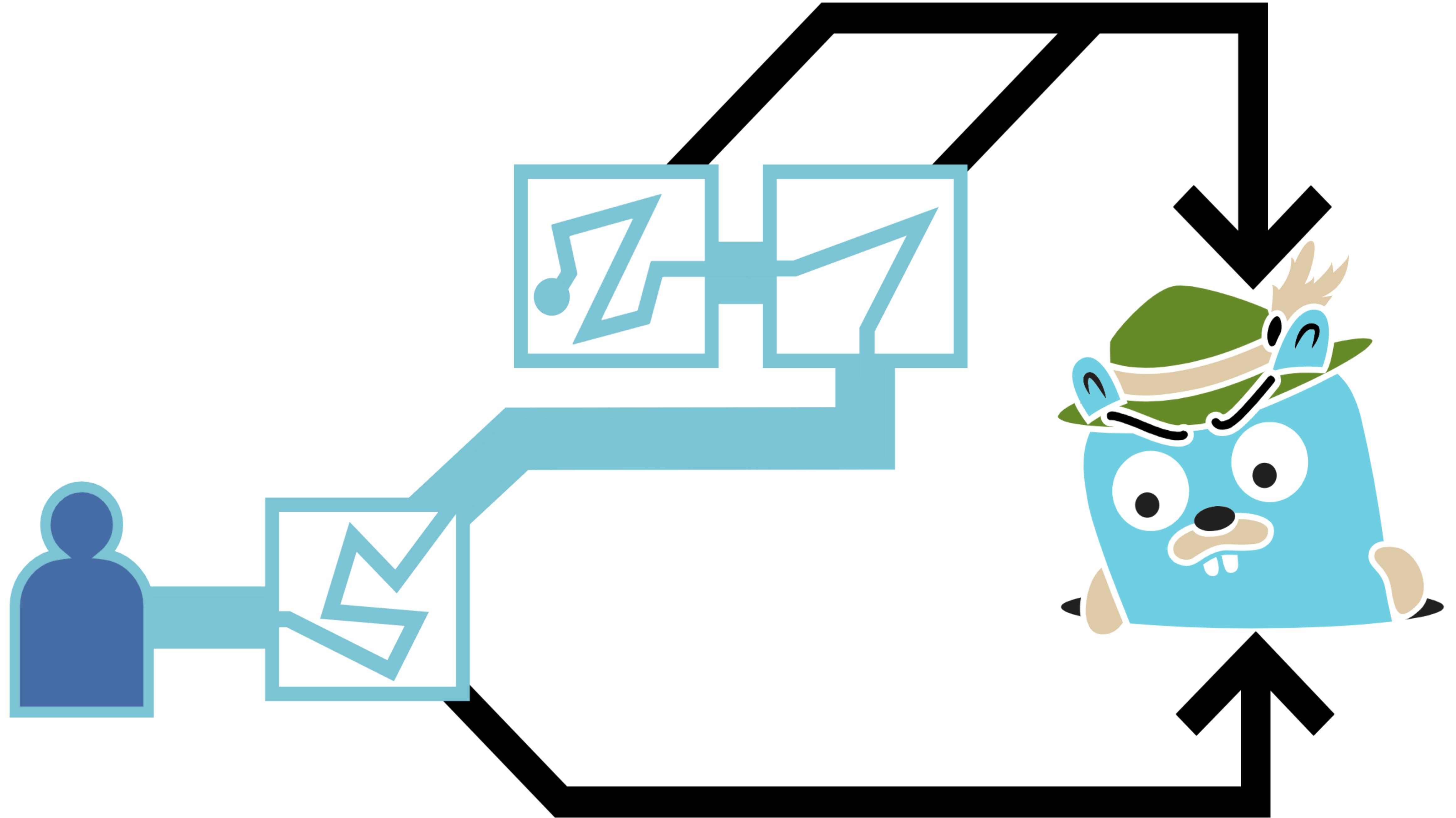
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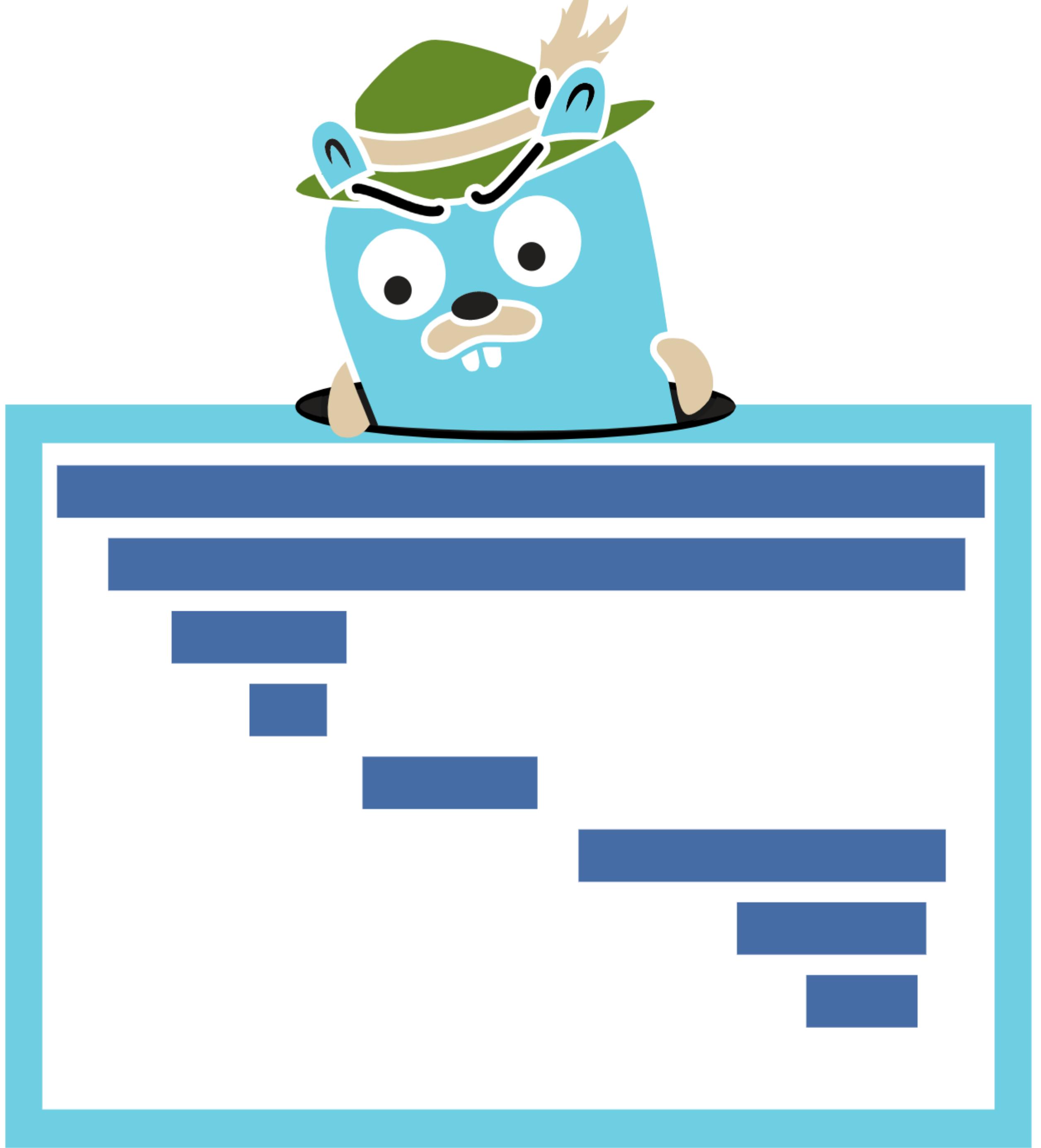


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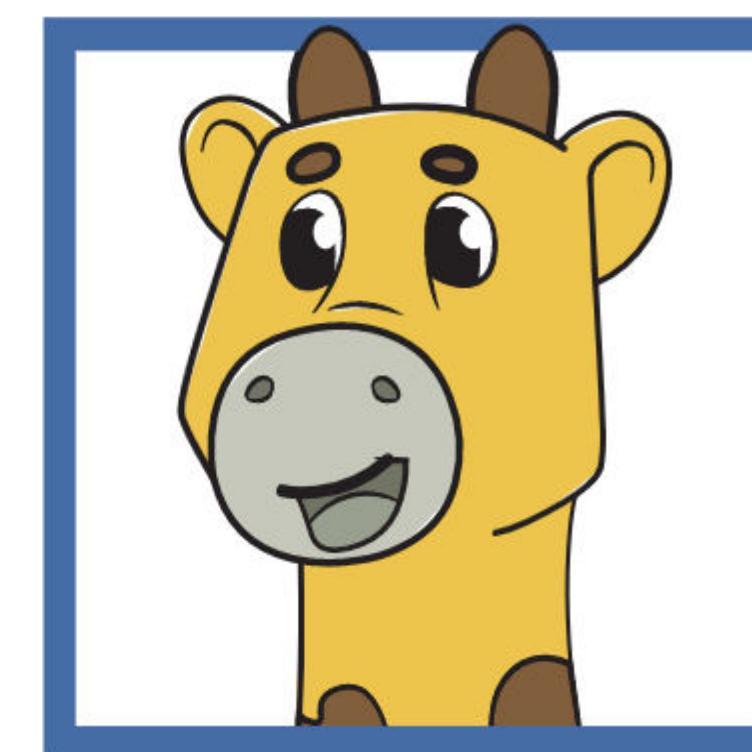
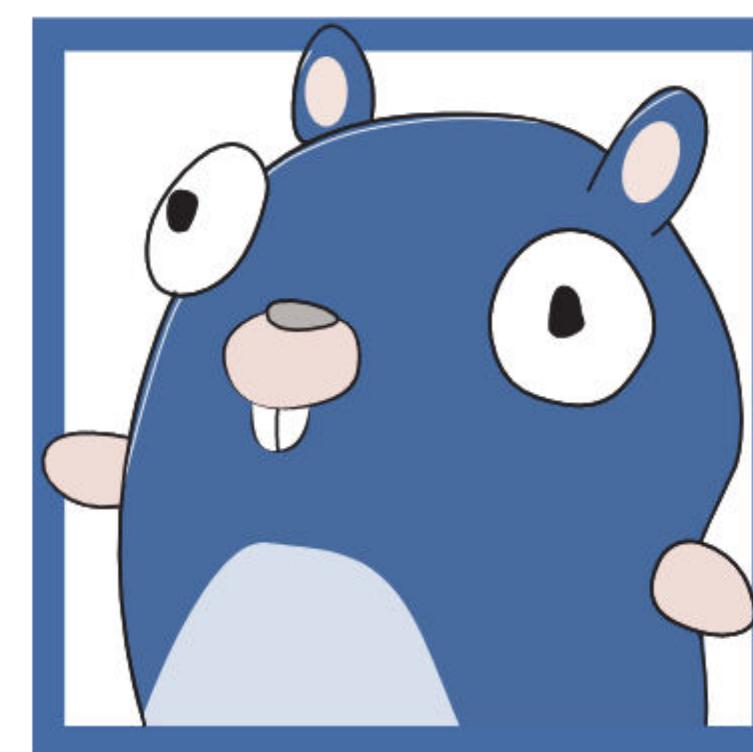
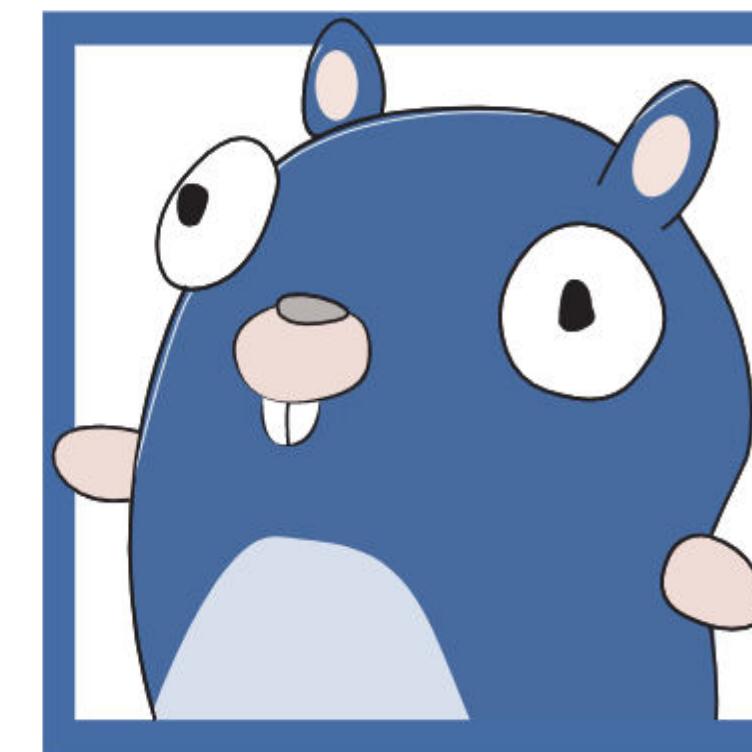


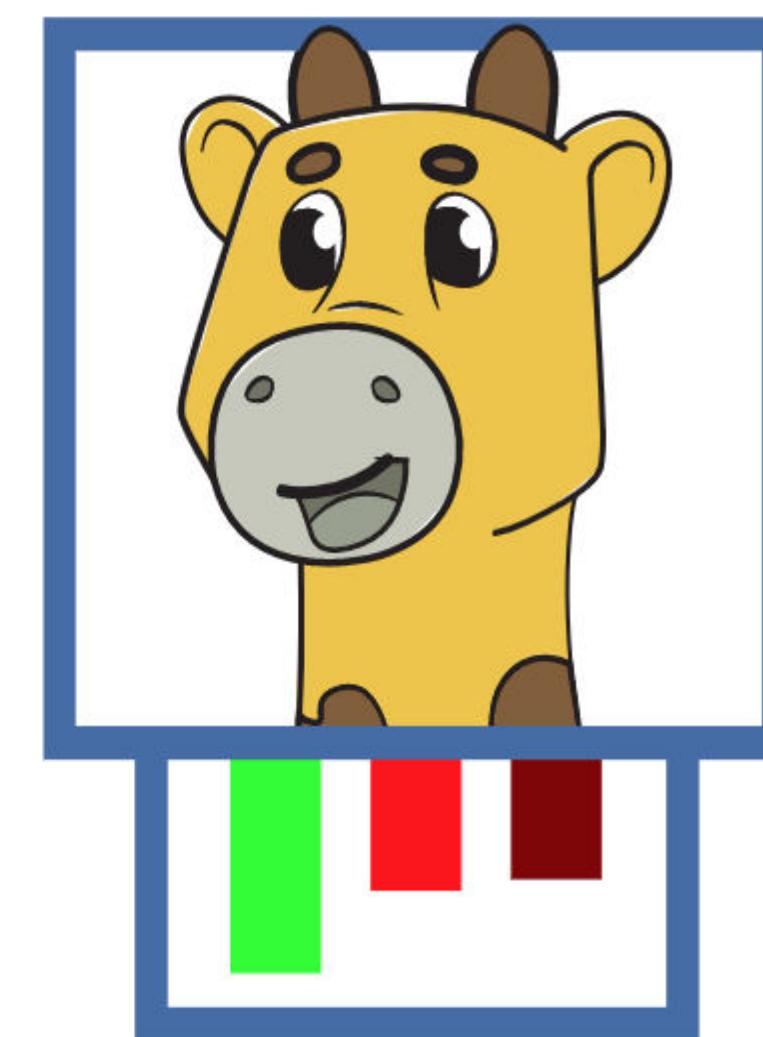
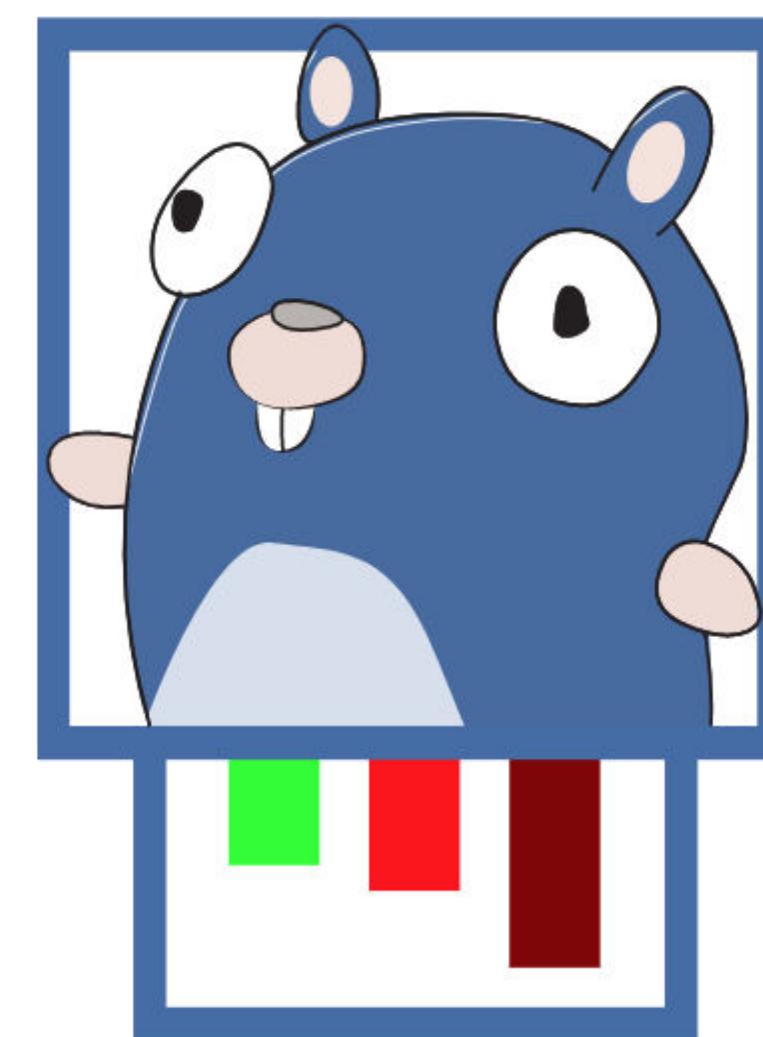
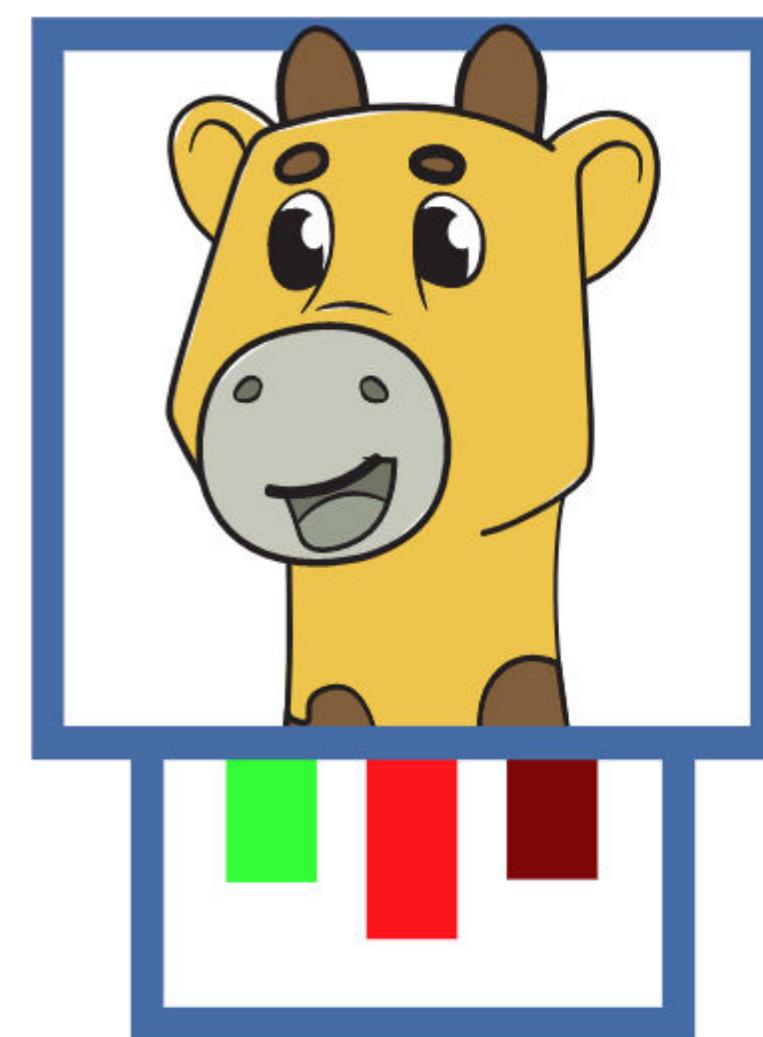
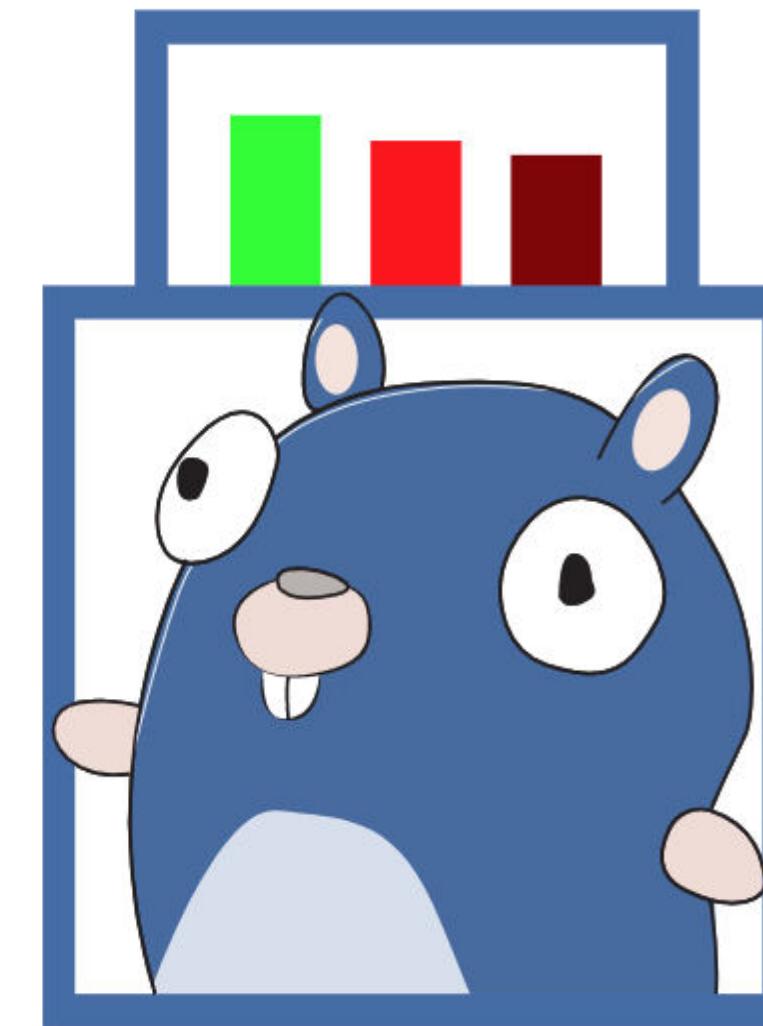
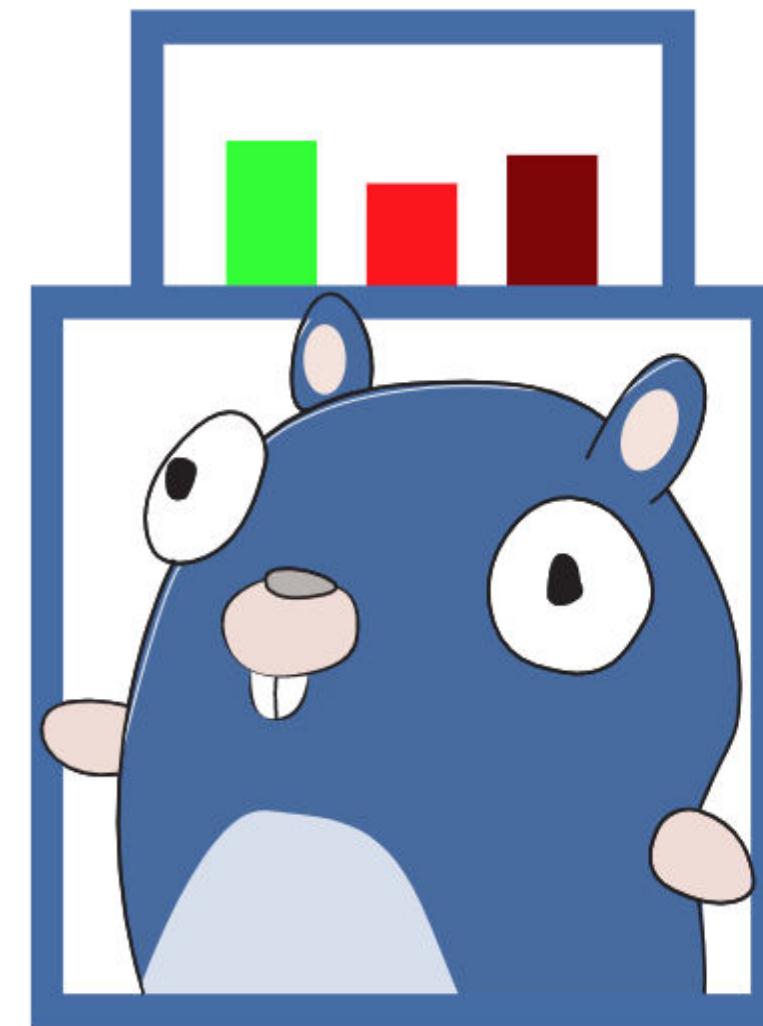


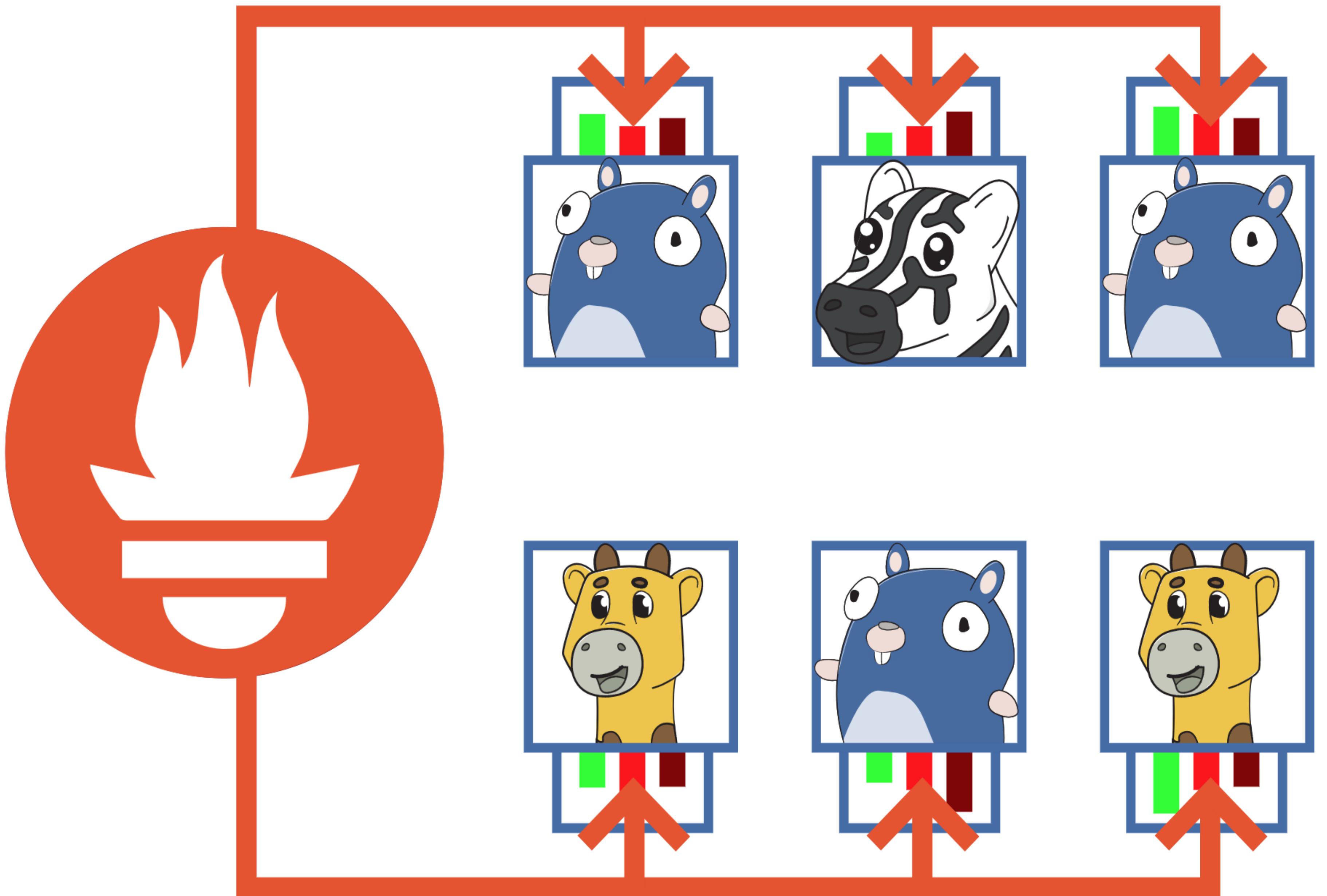
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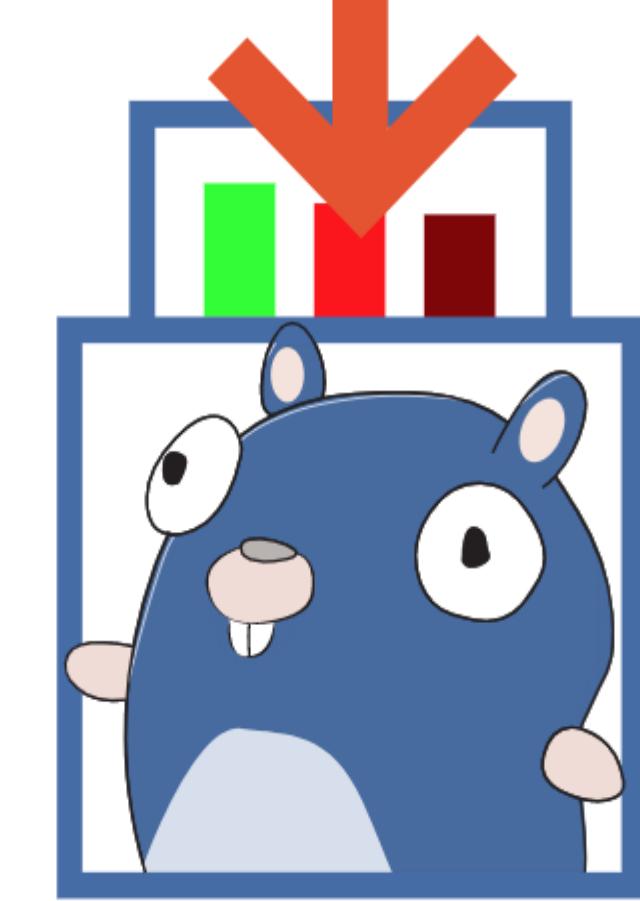
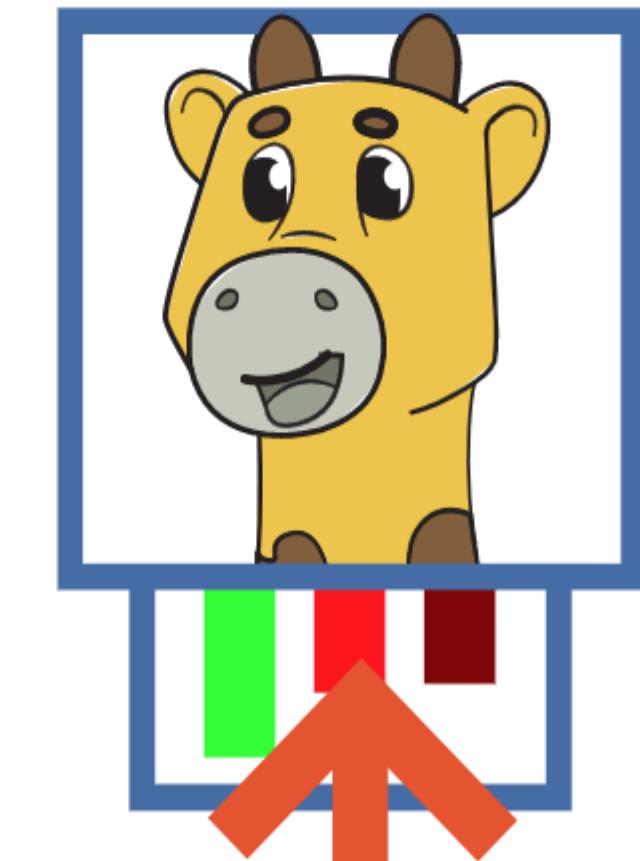
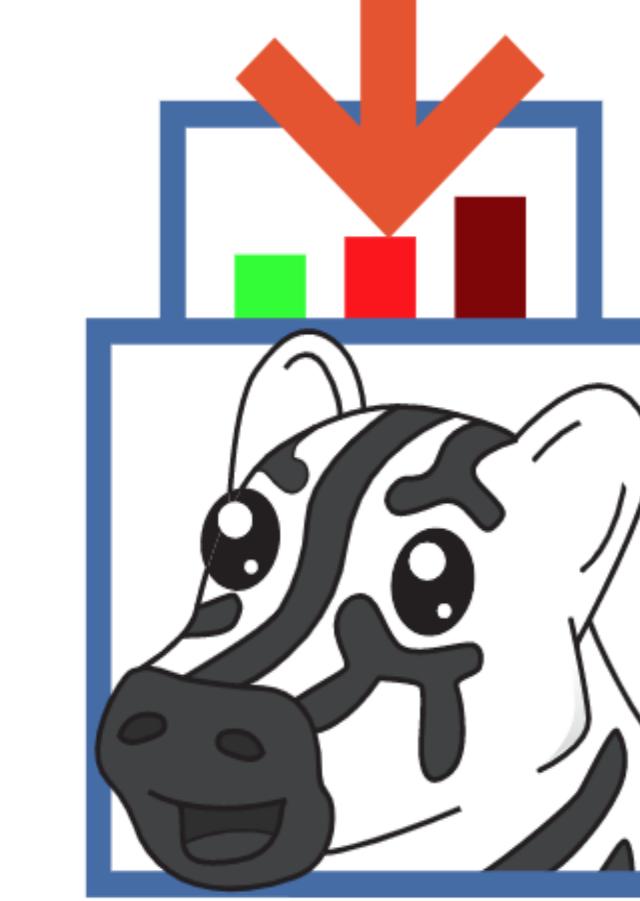
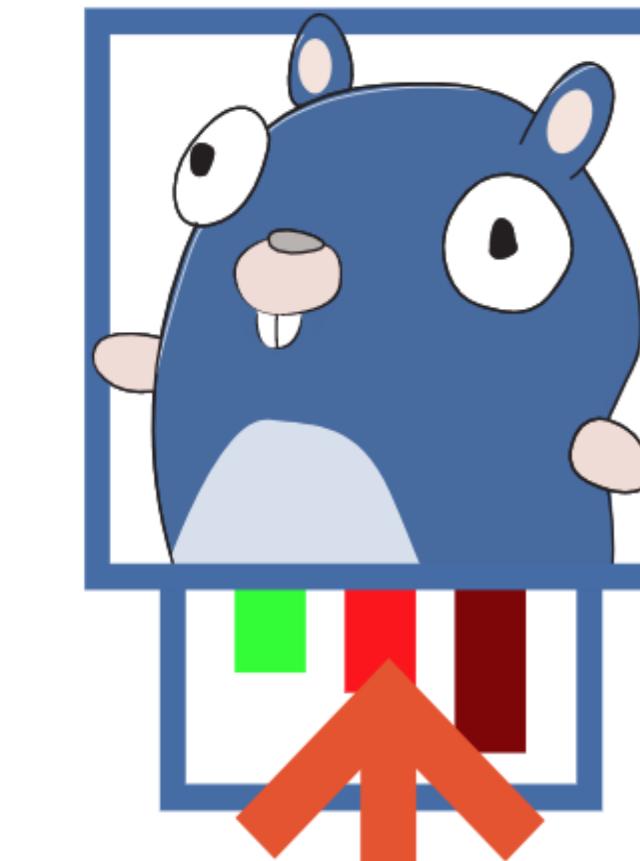
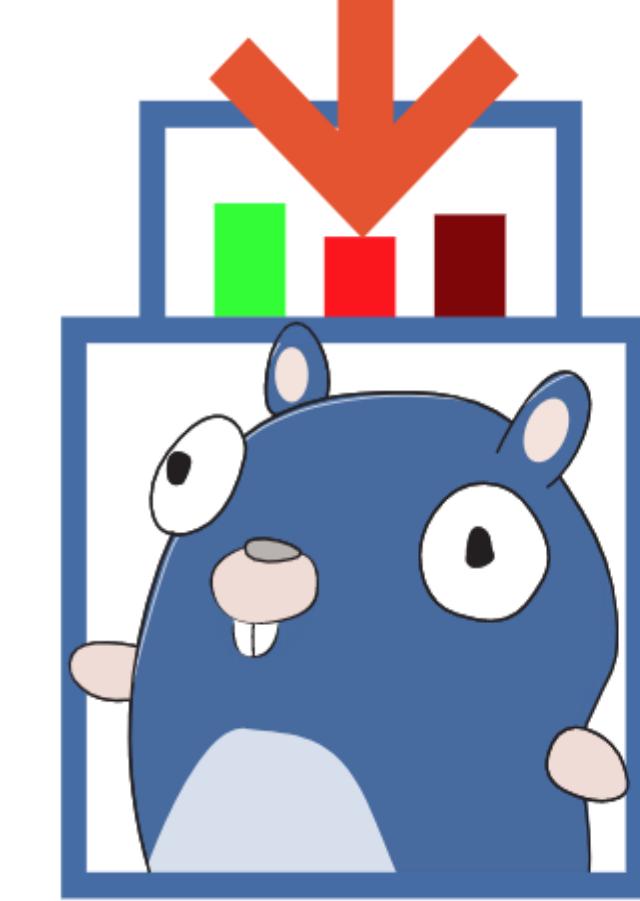
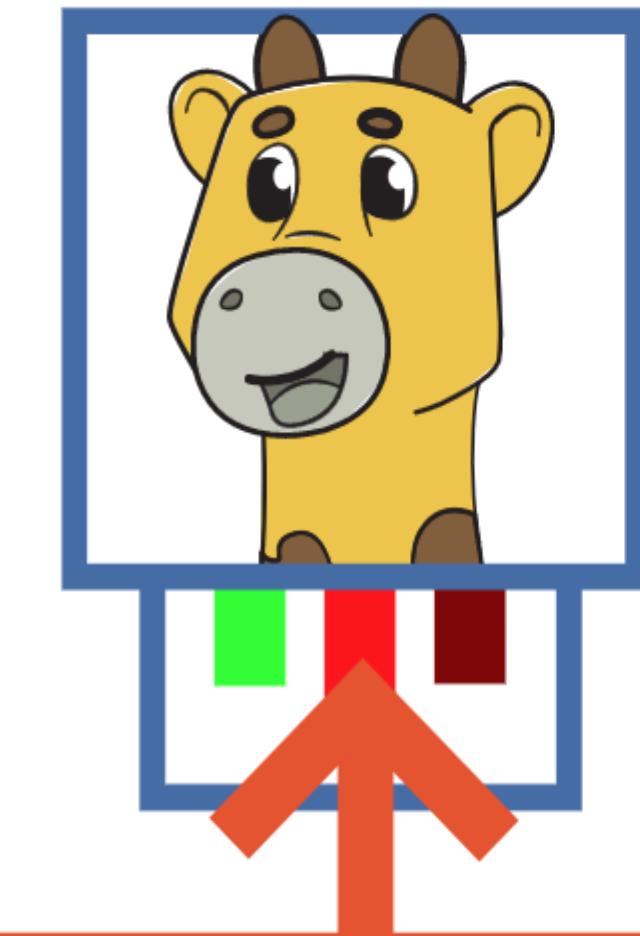


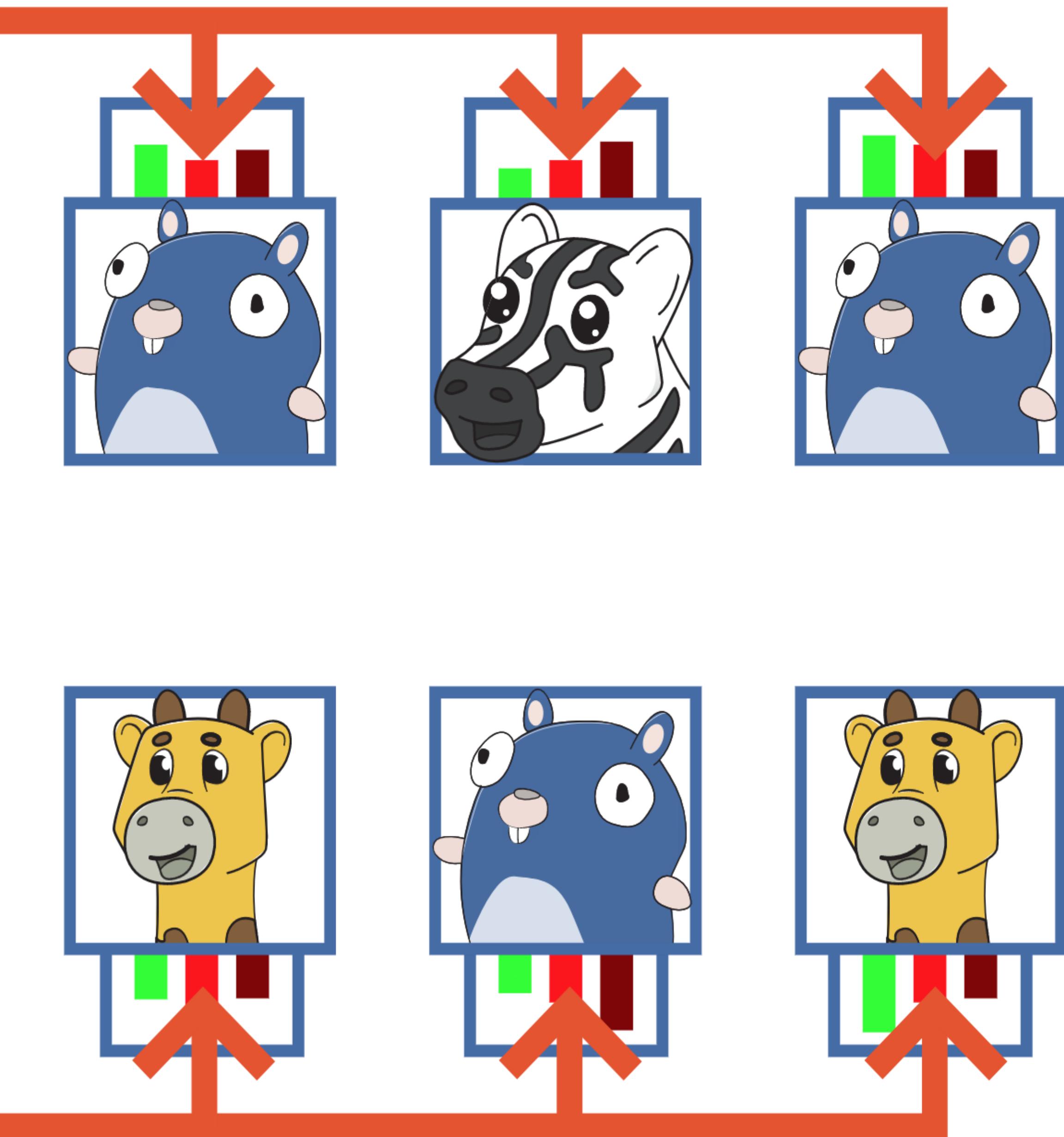
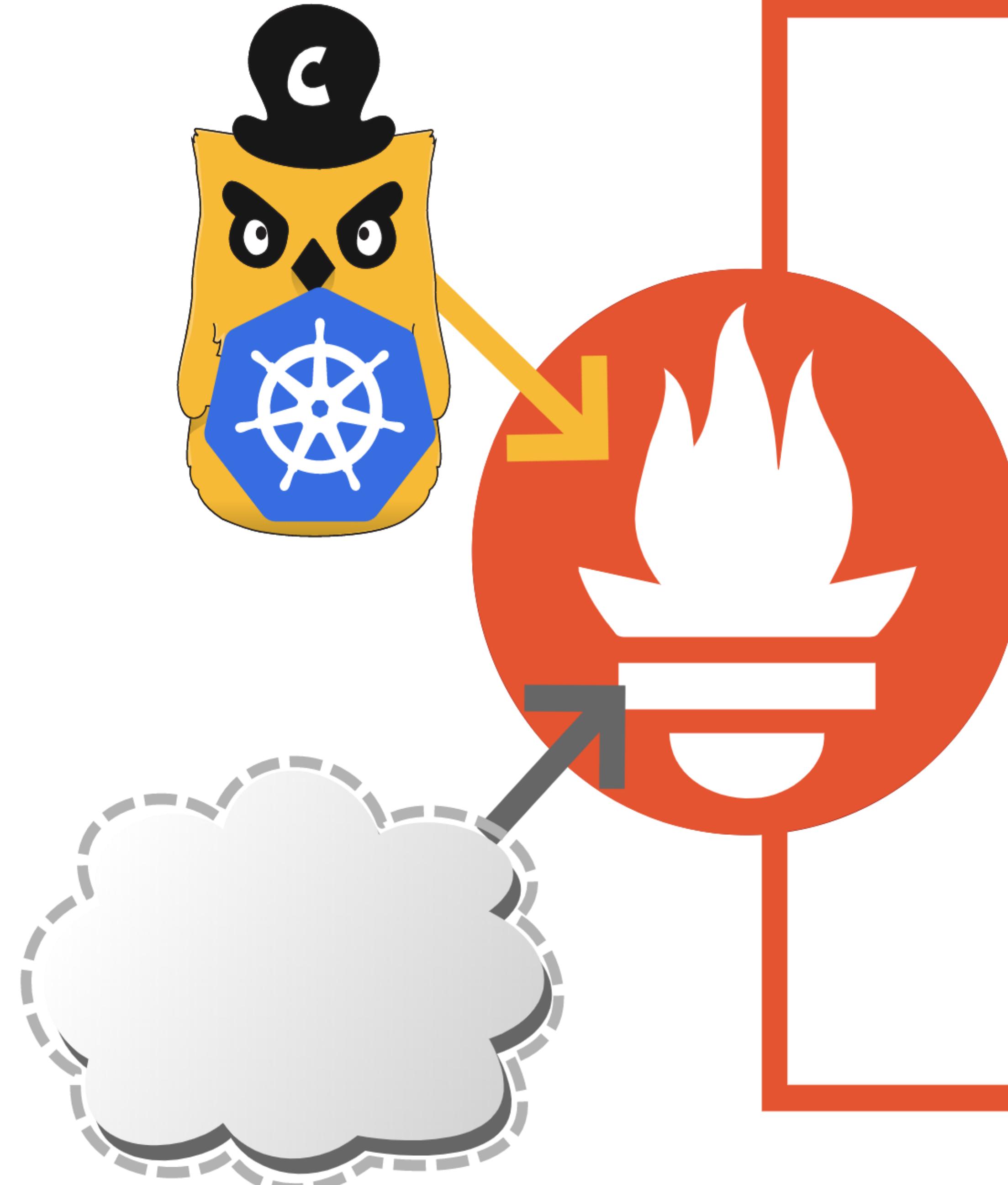
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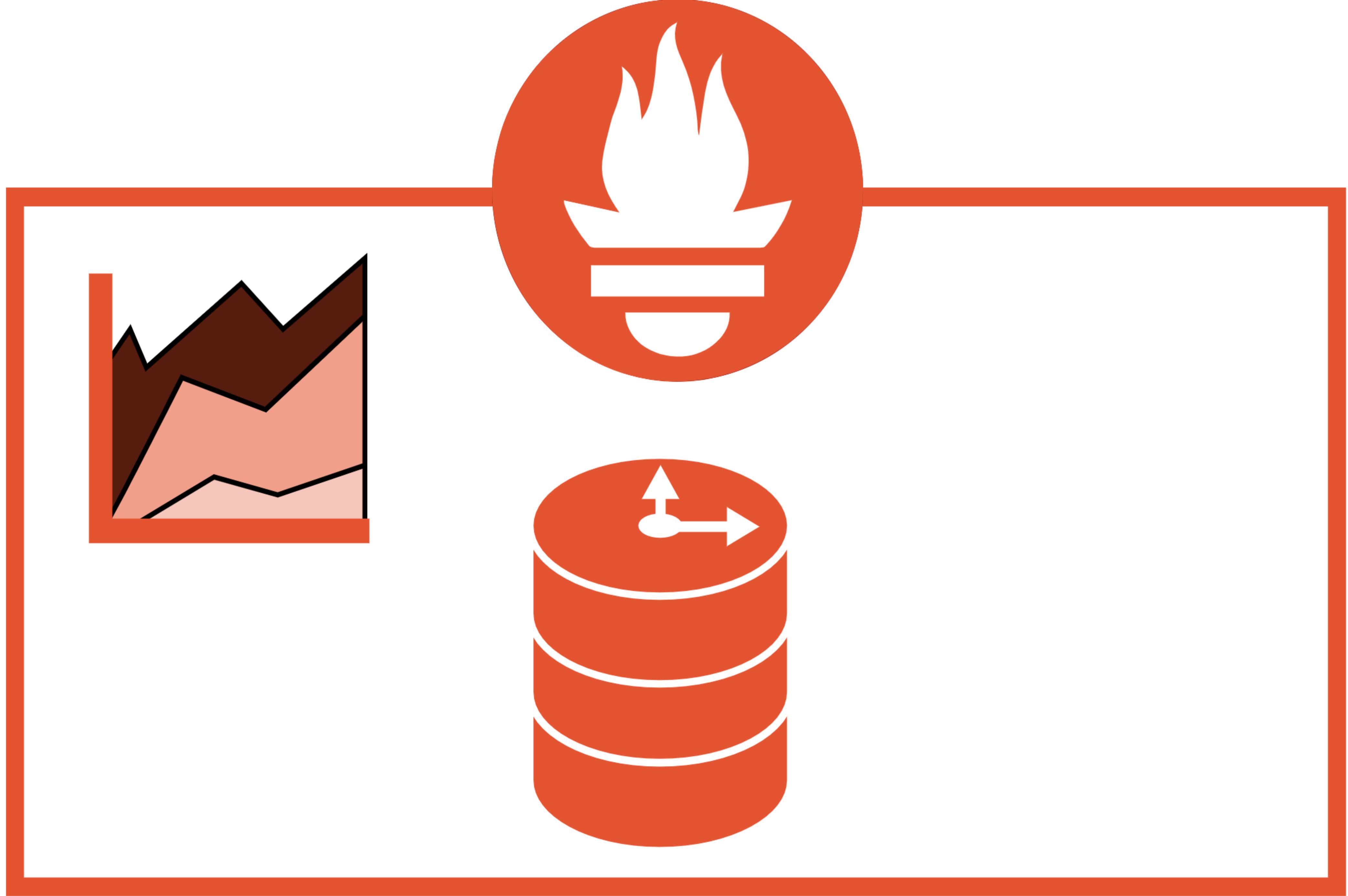


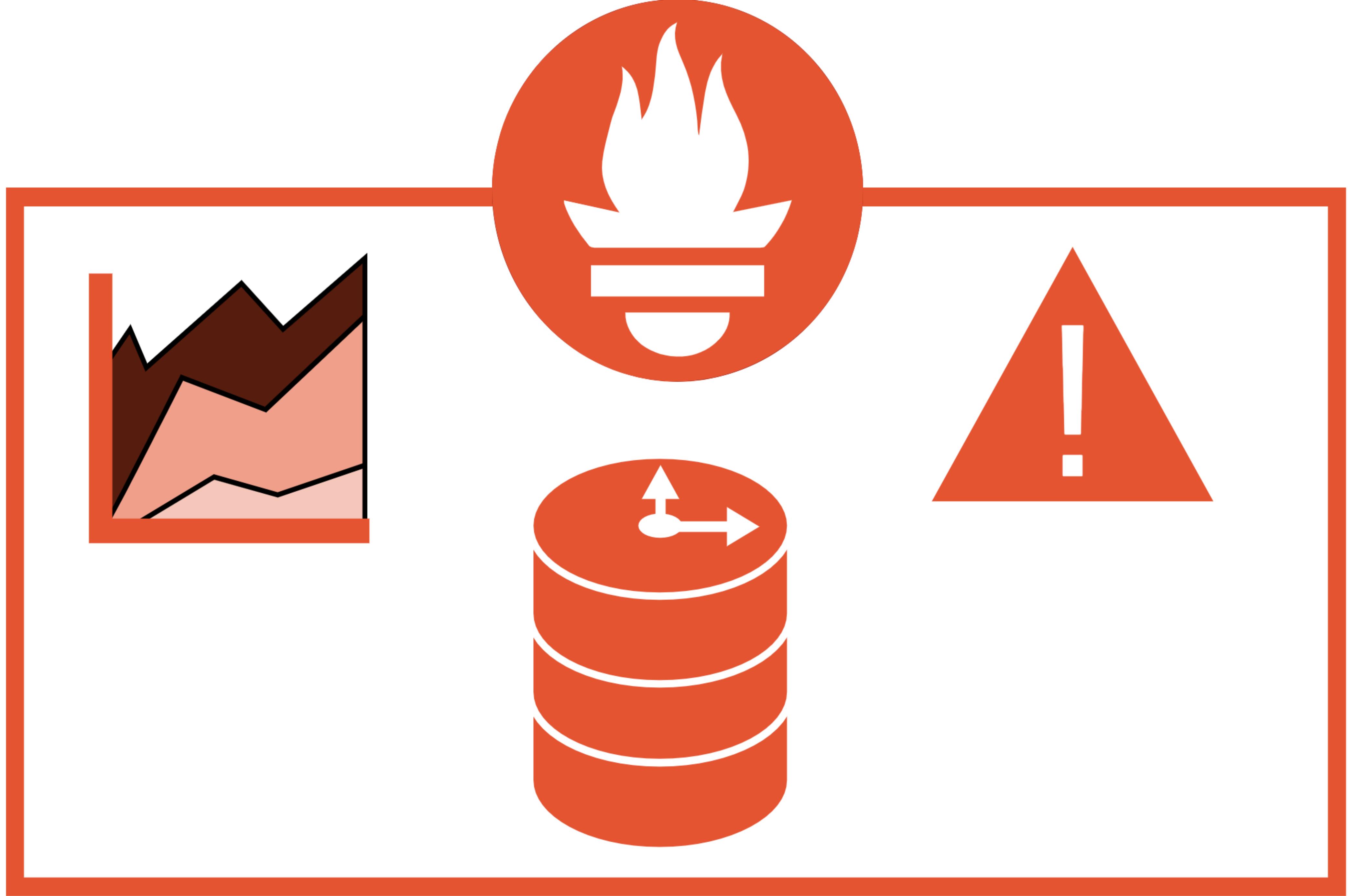


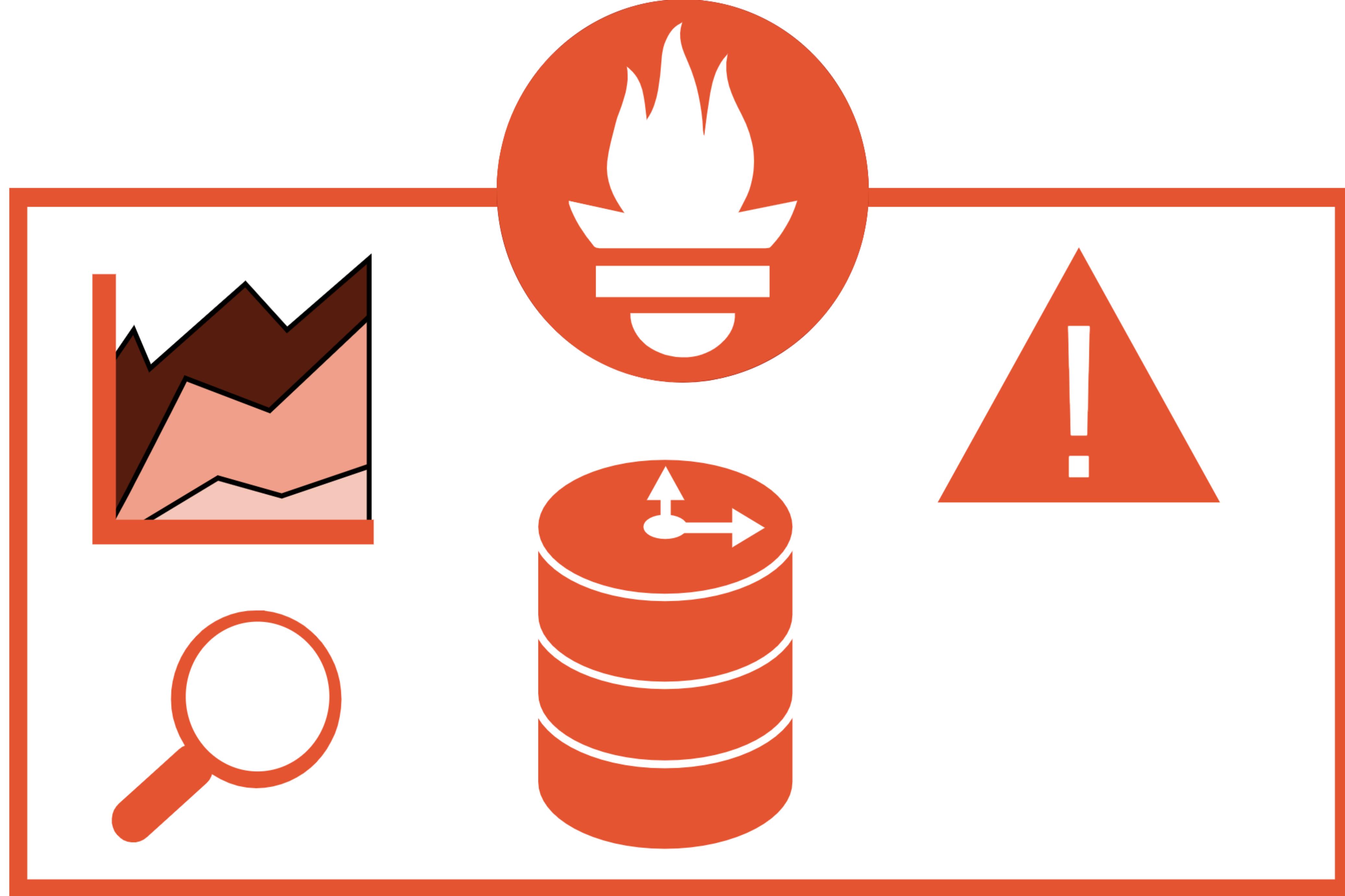


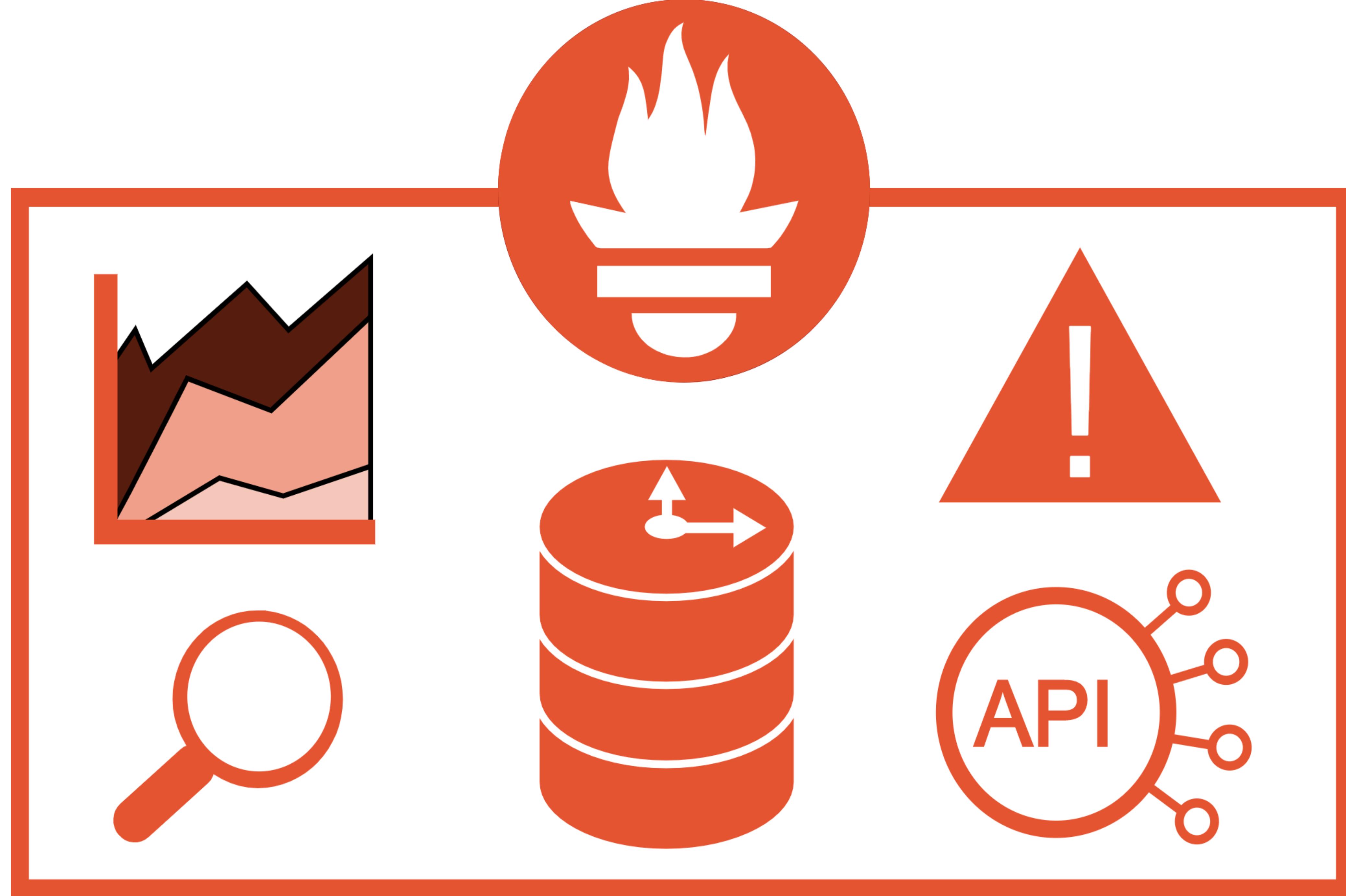














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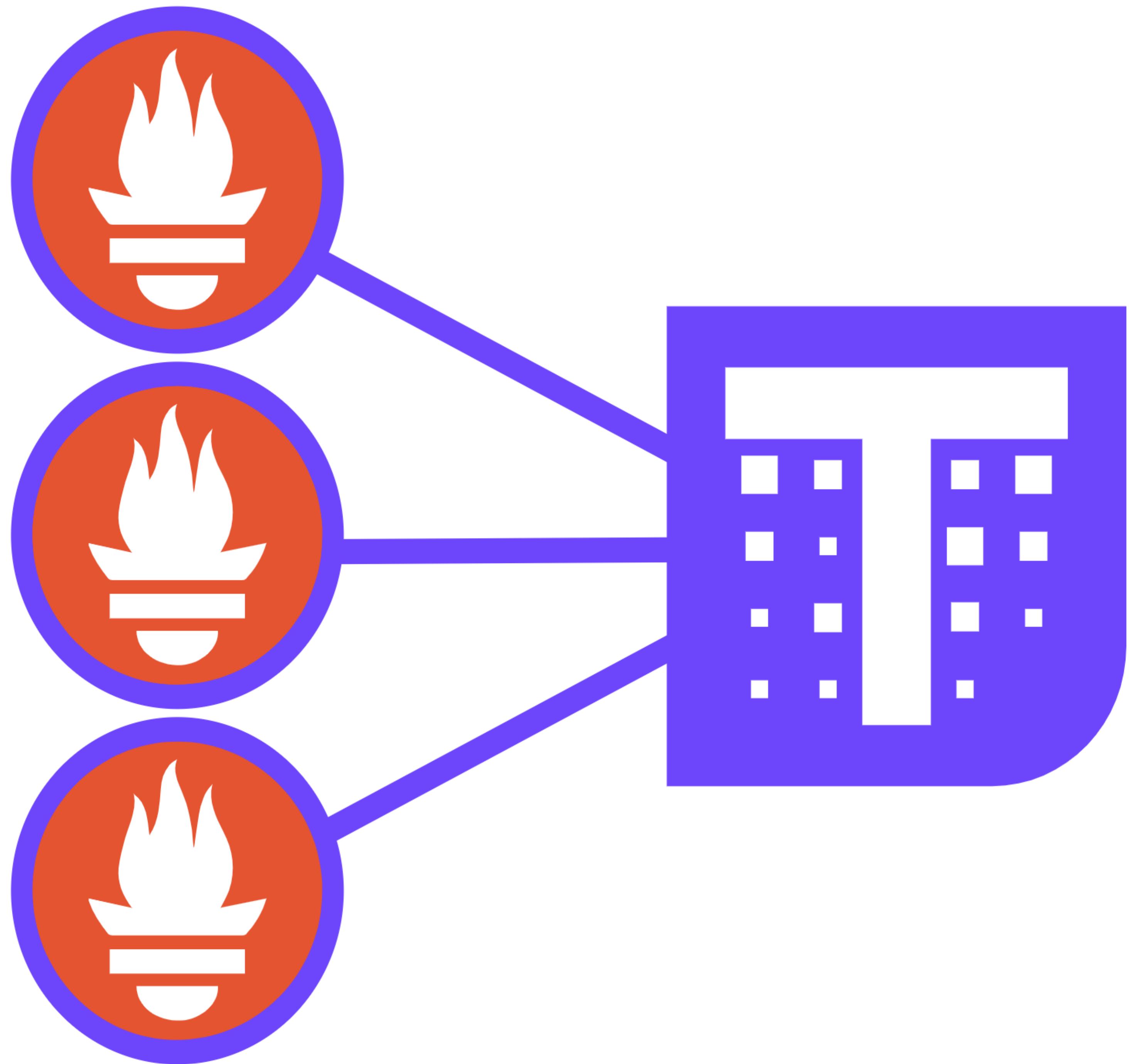


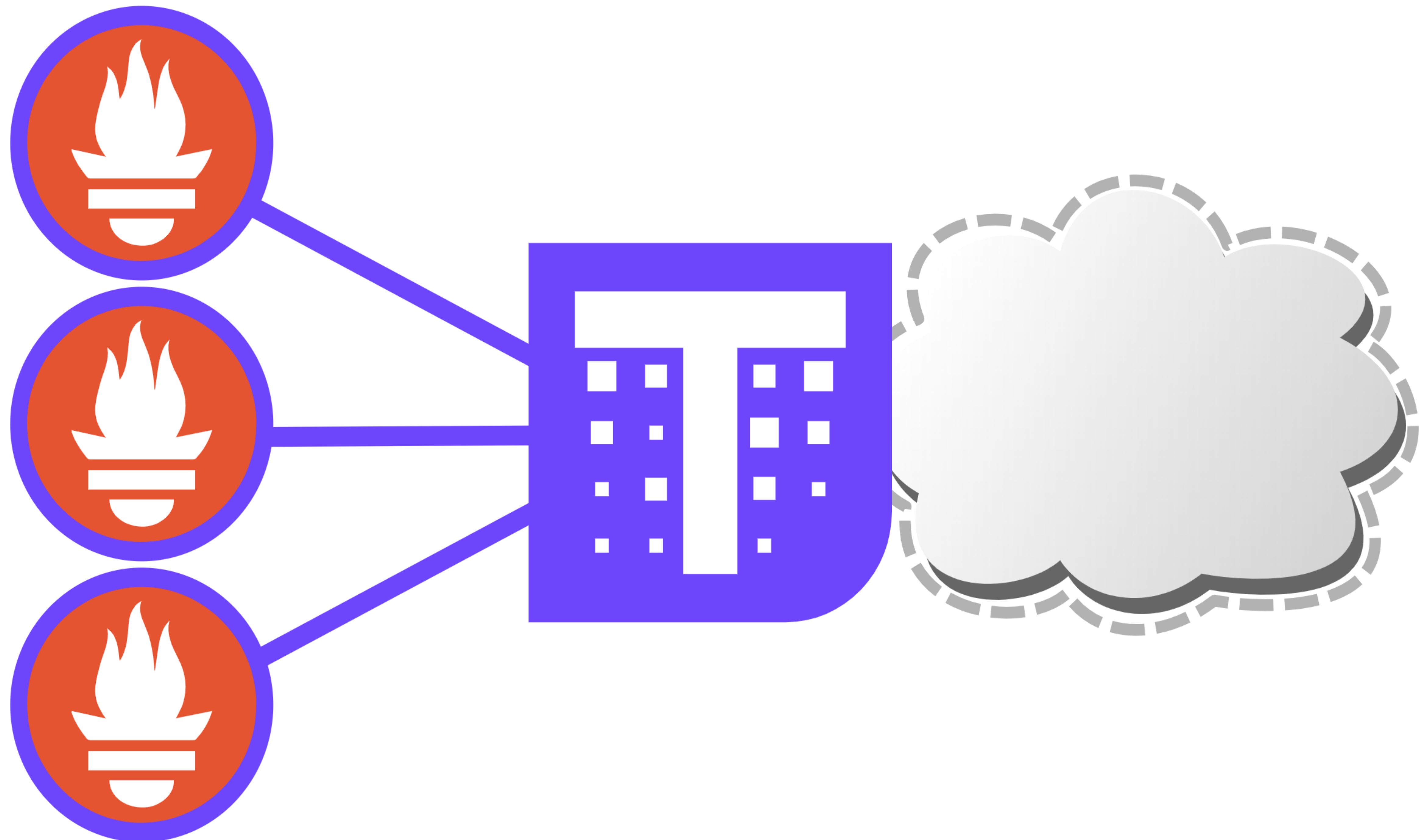
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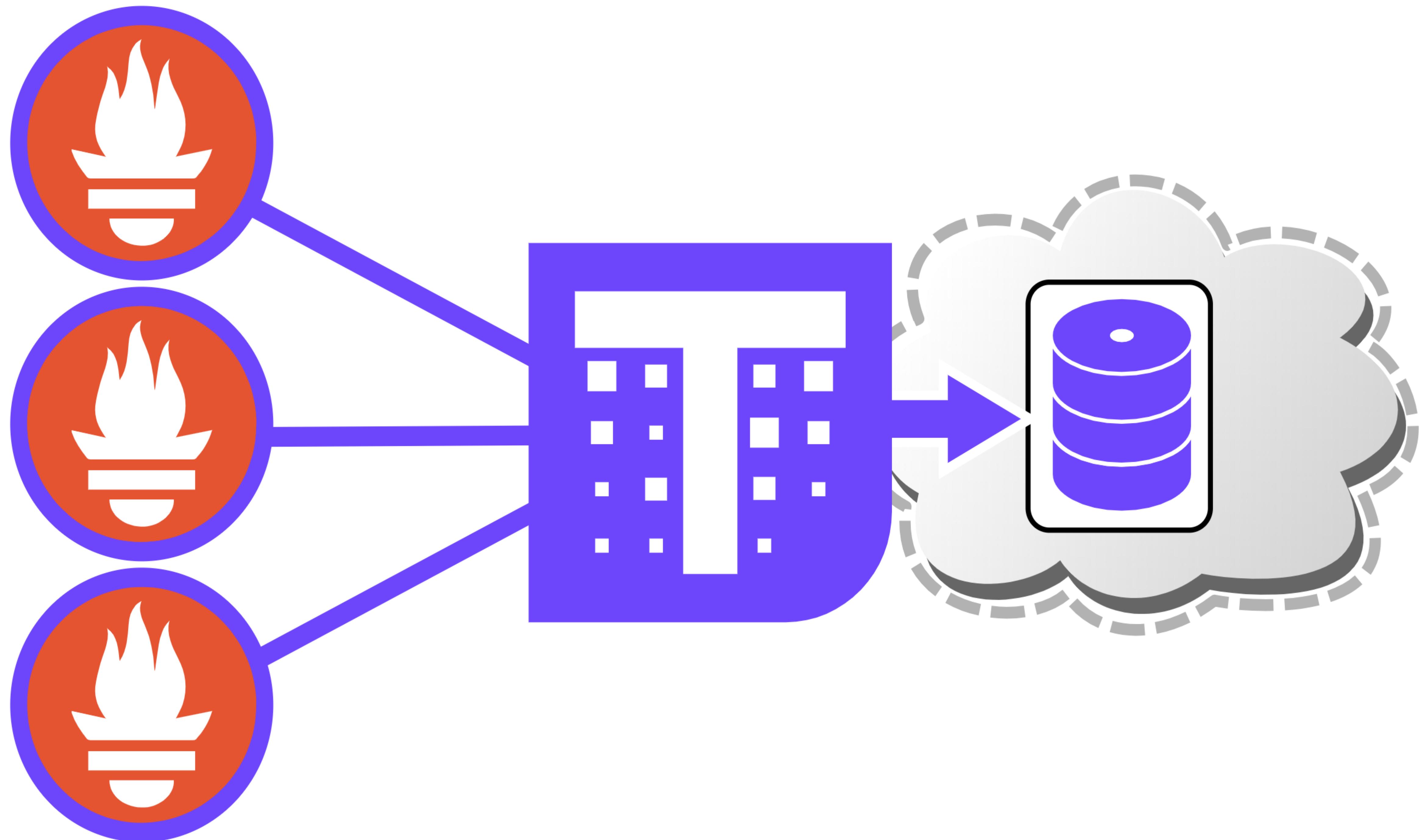






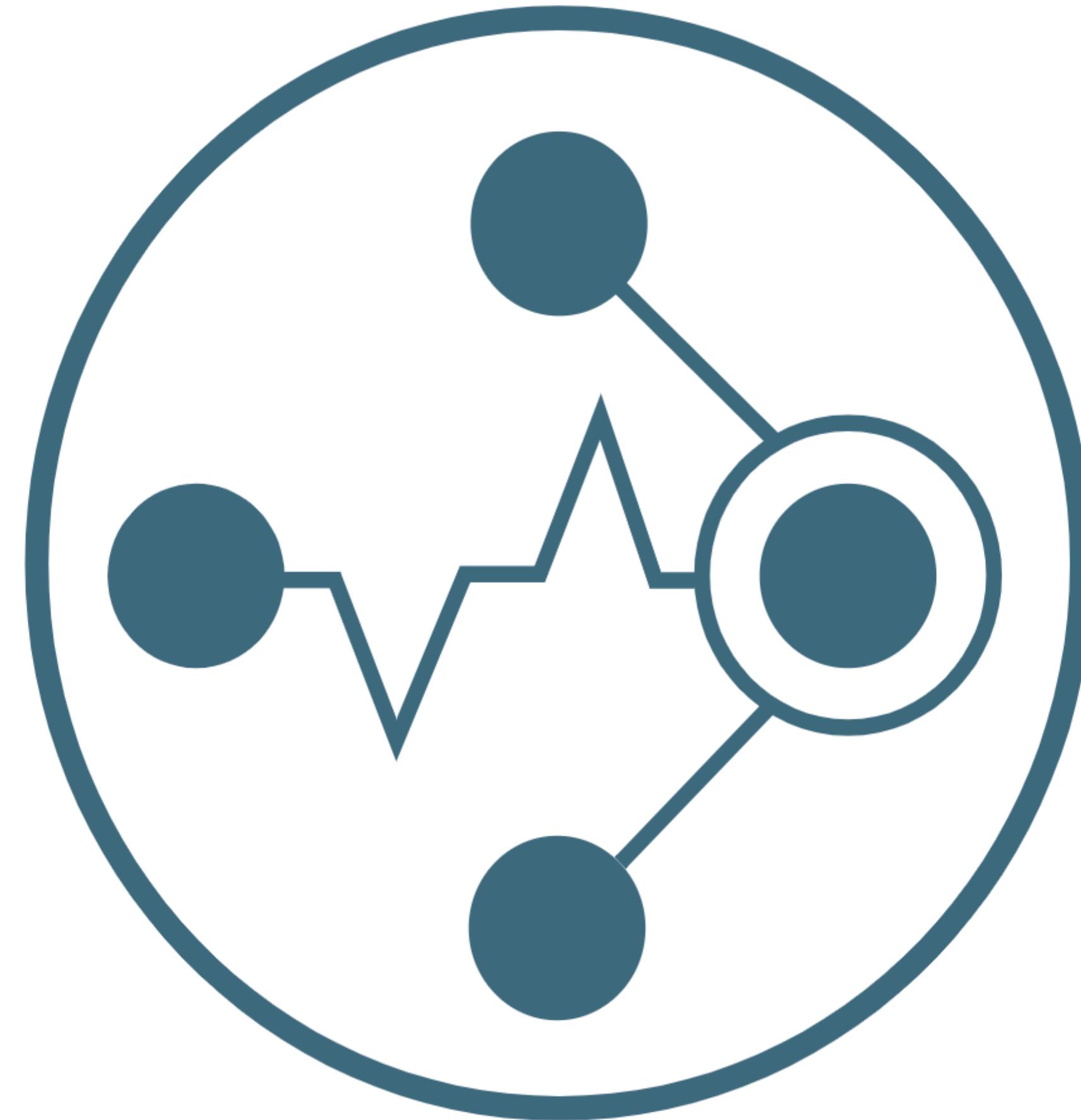






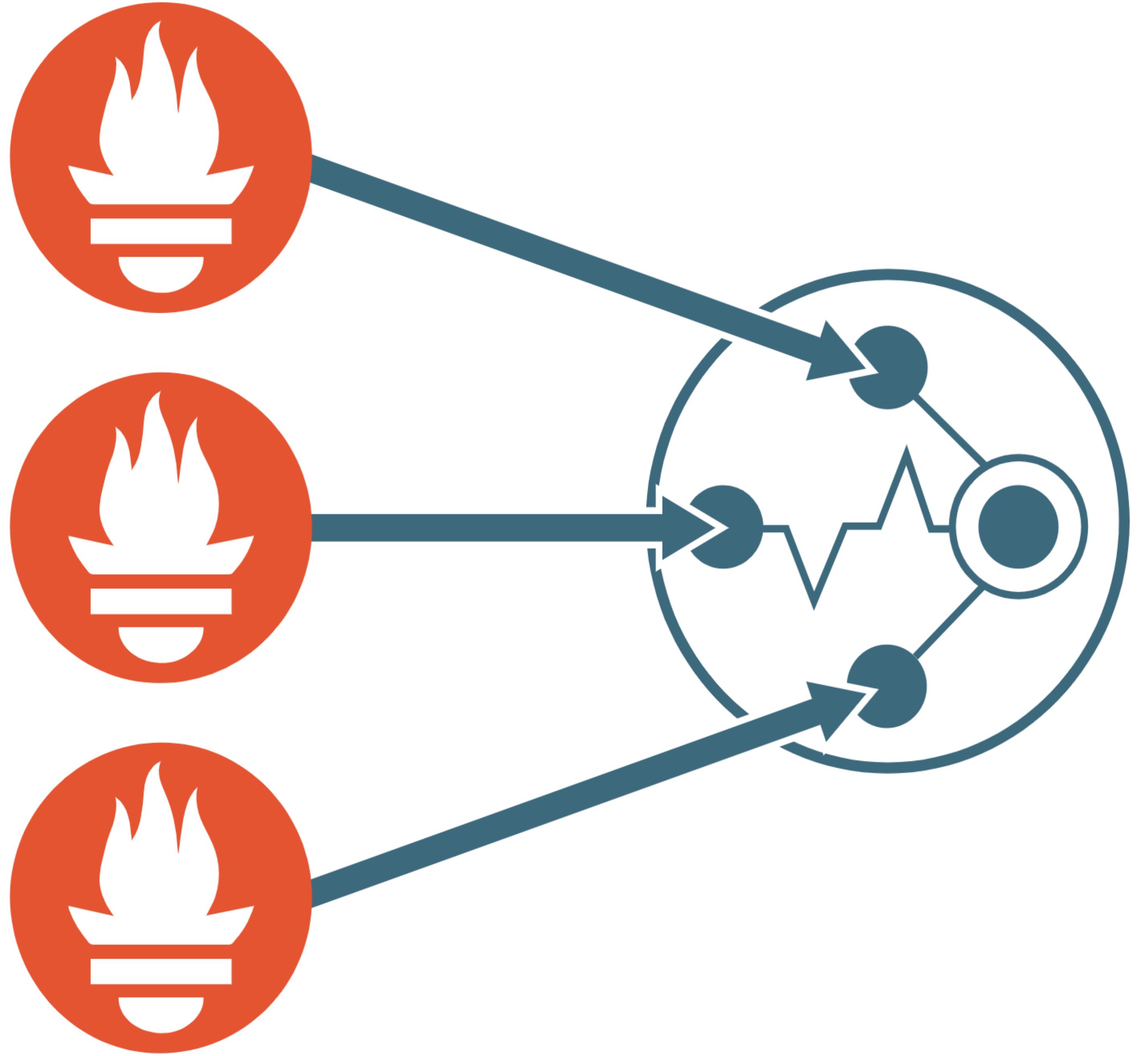


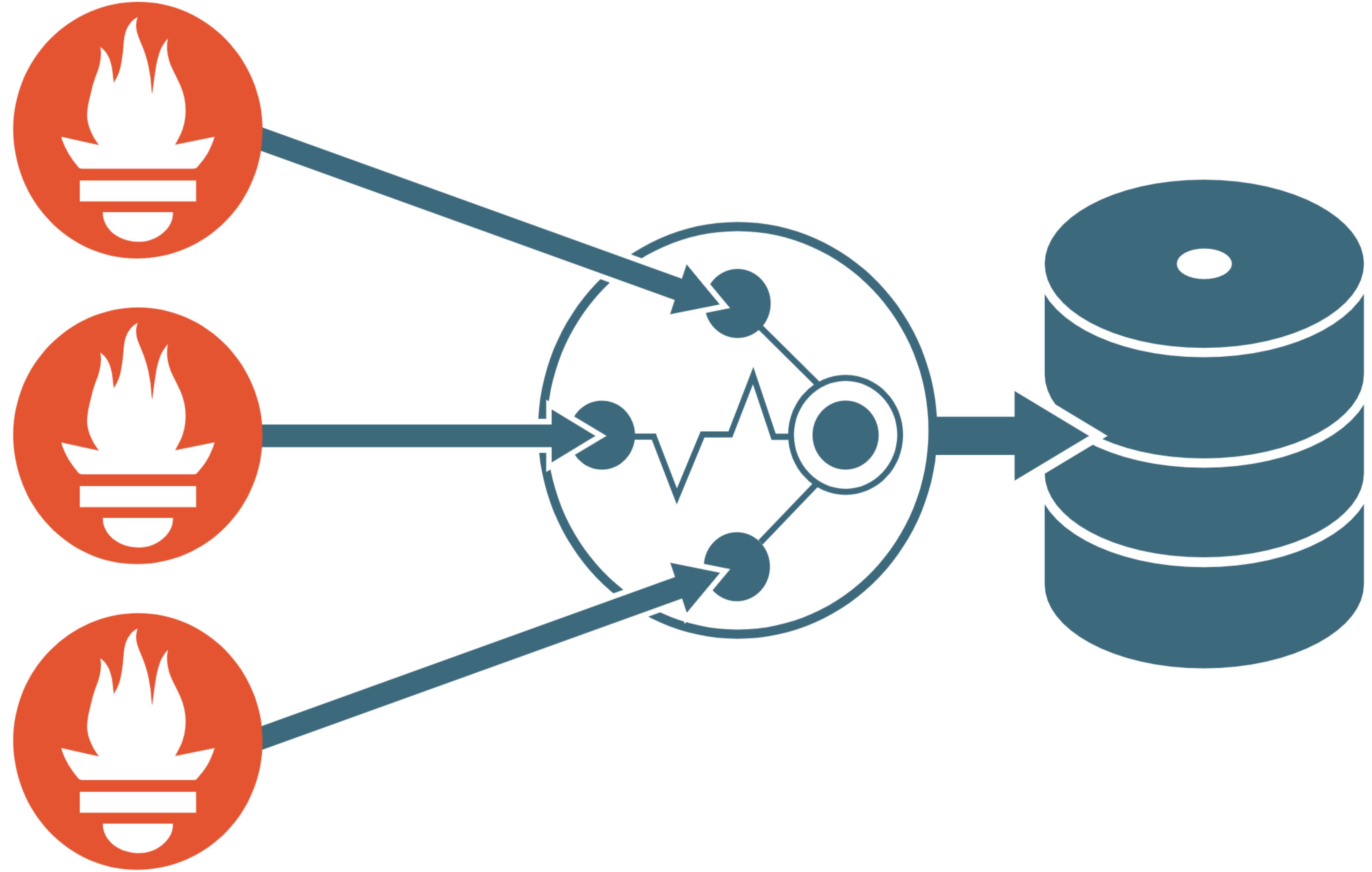
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cortex









cortex



Thanos



cortex

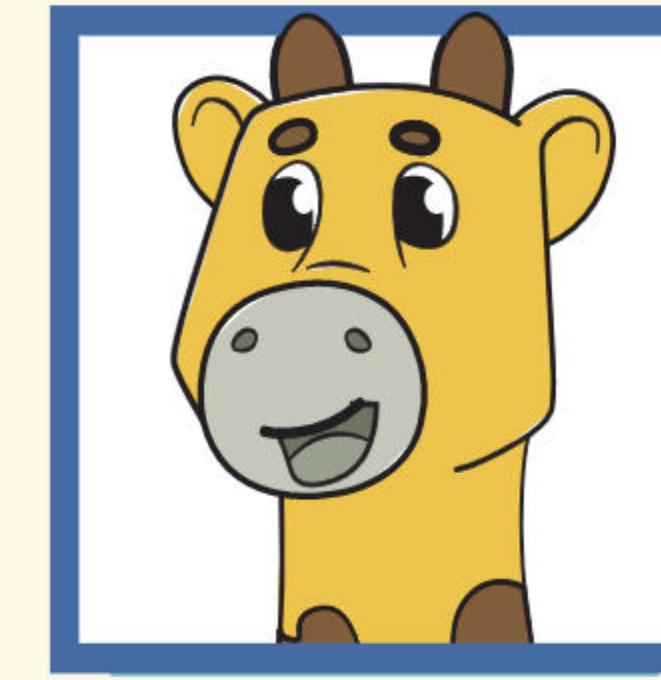
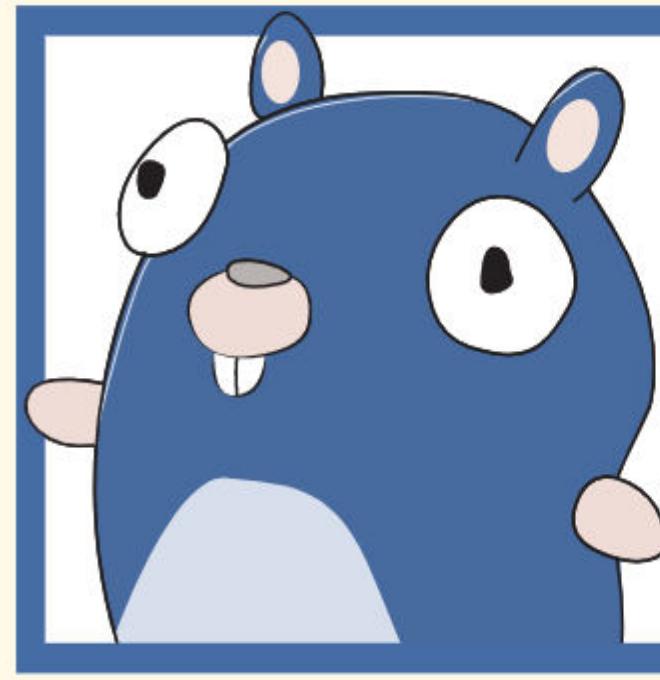
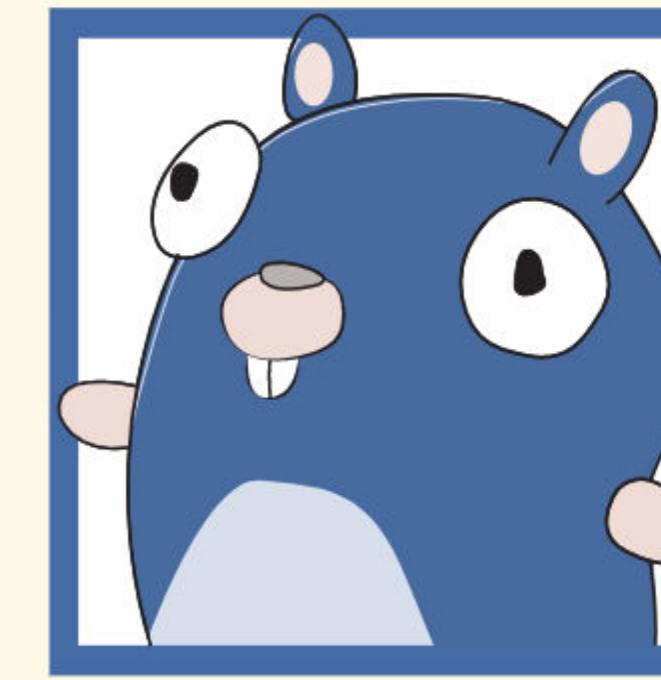
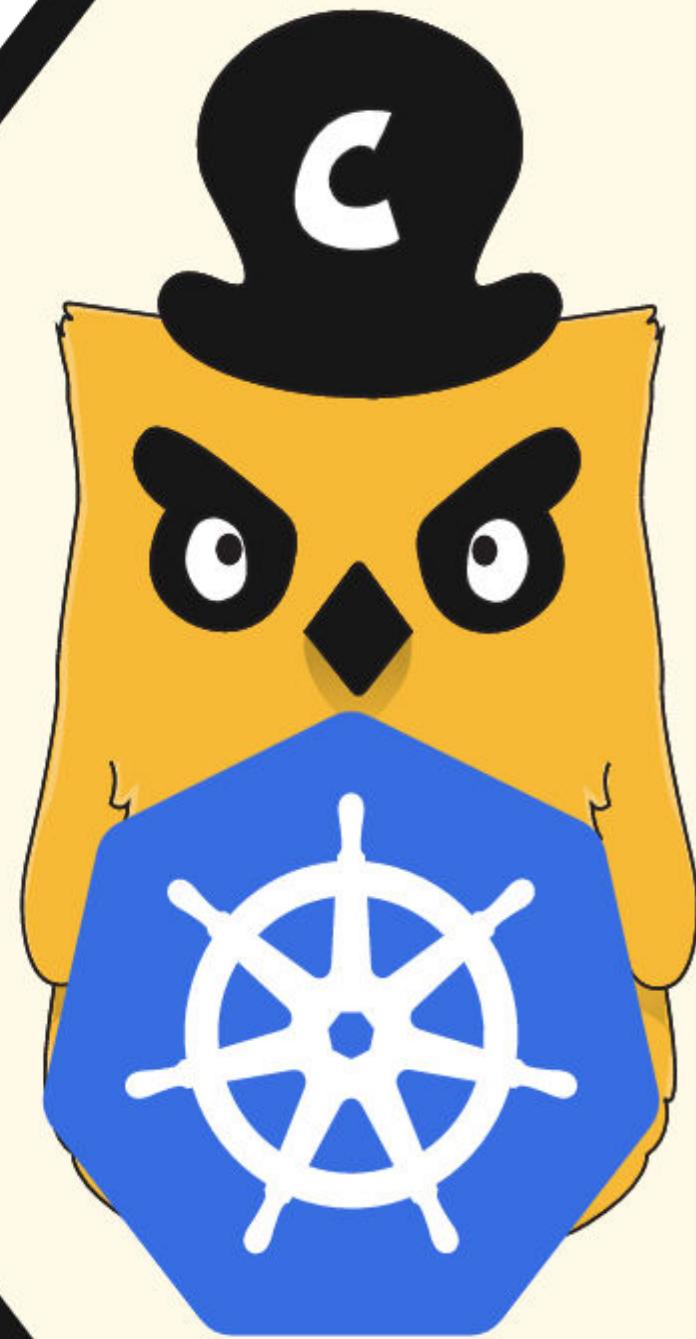


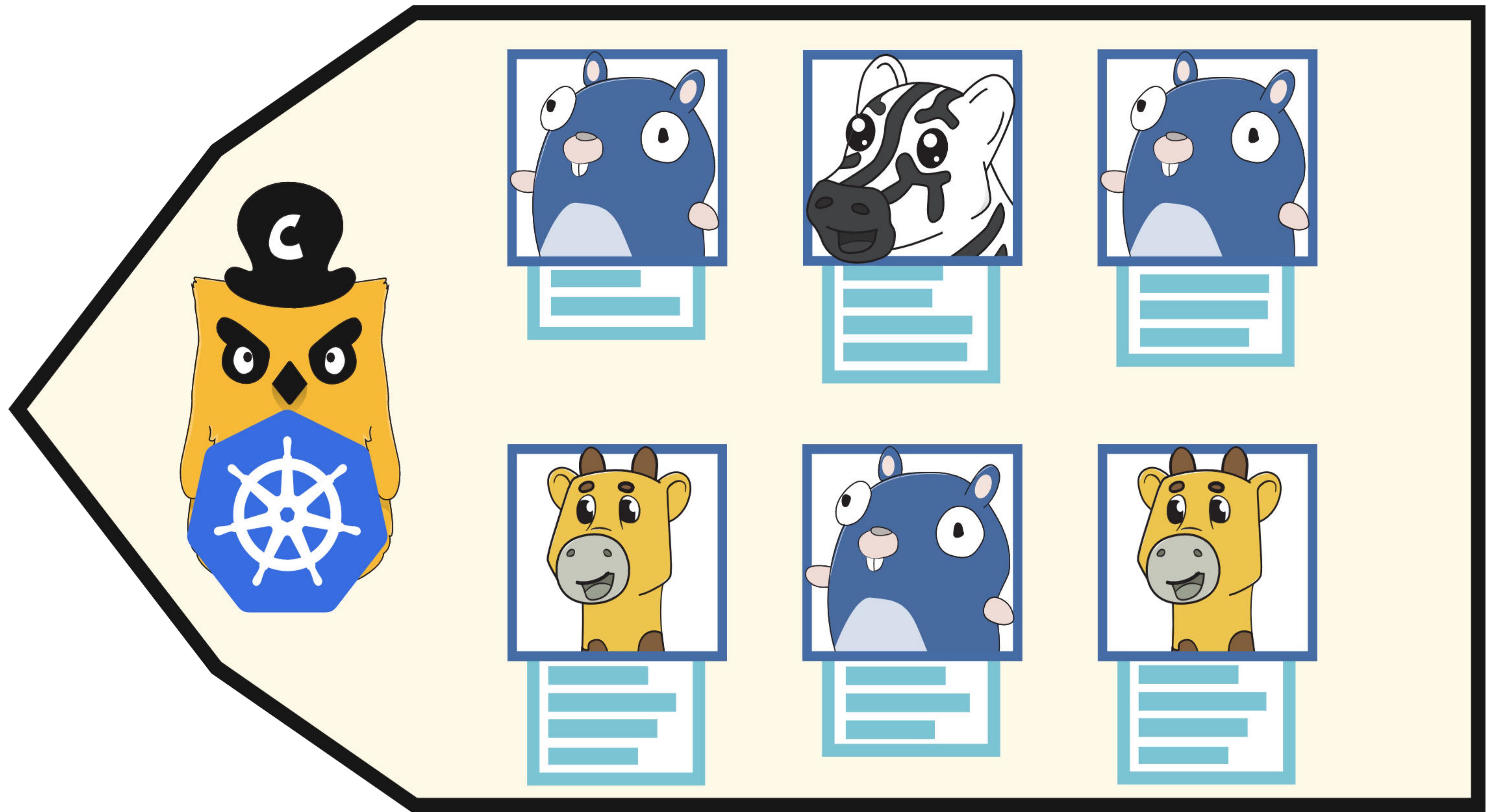
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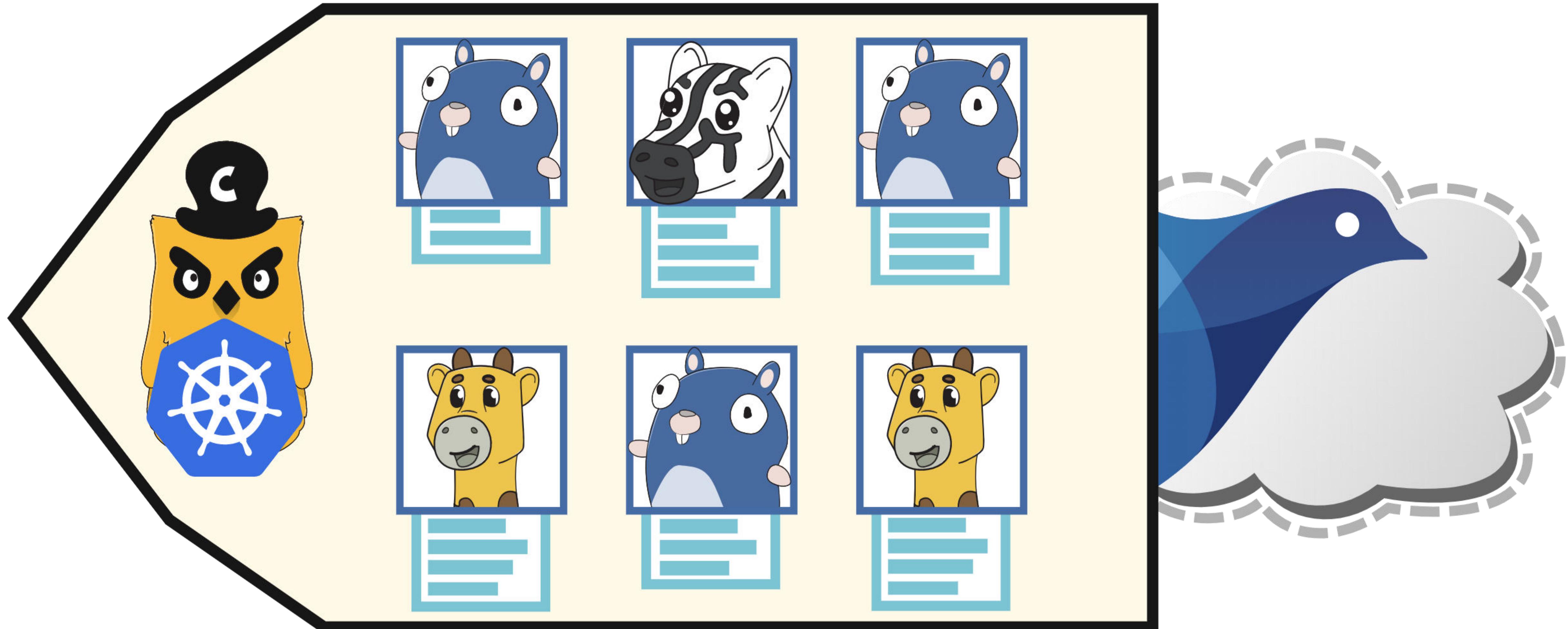


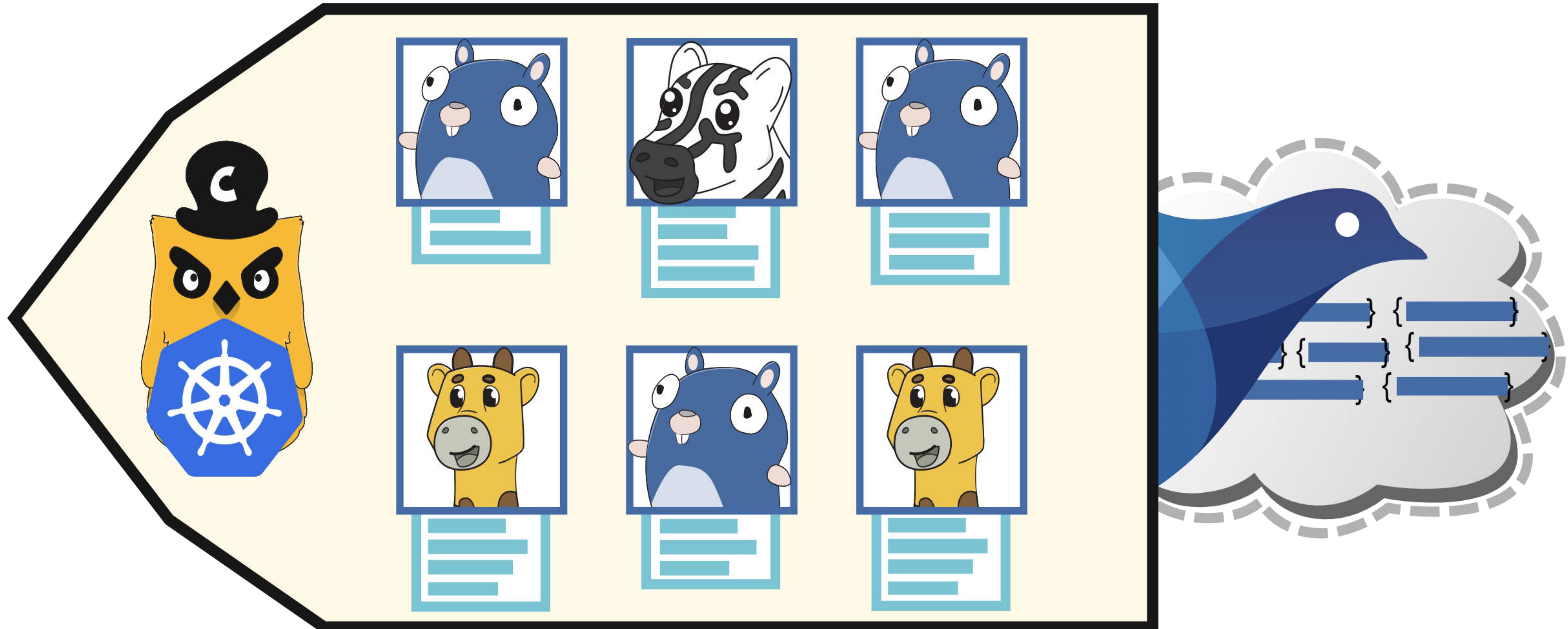










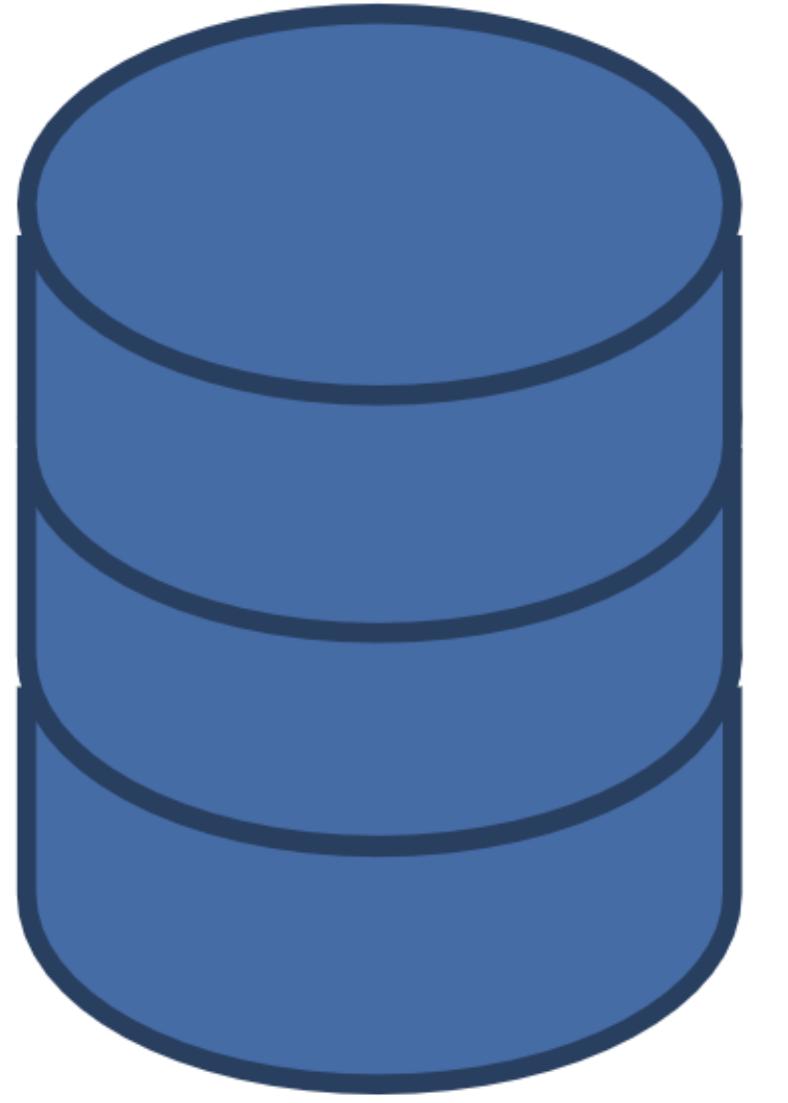


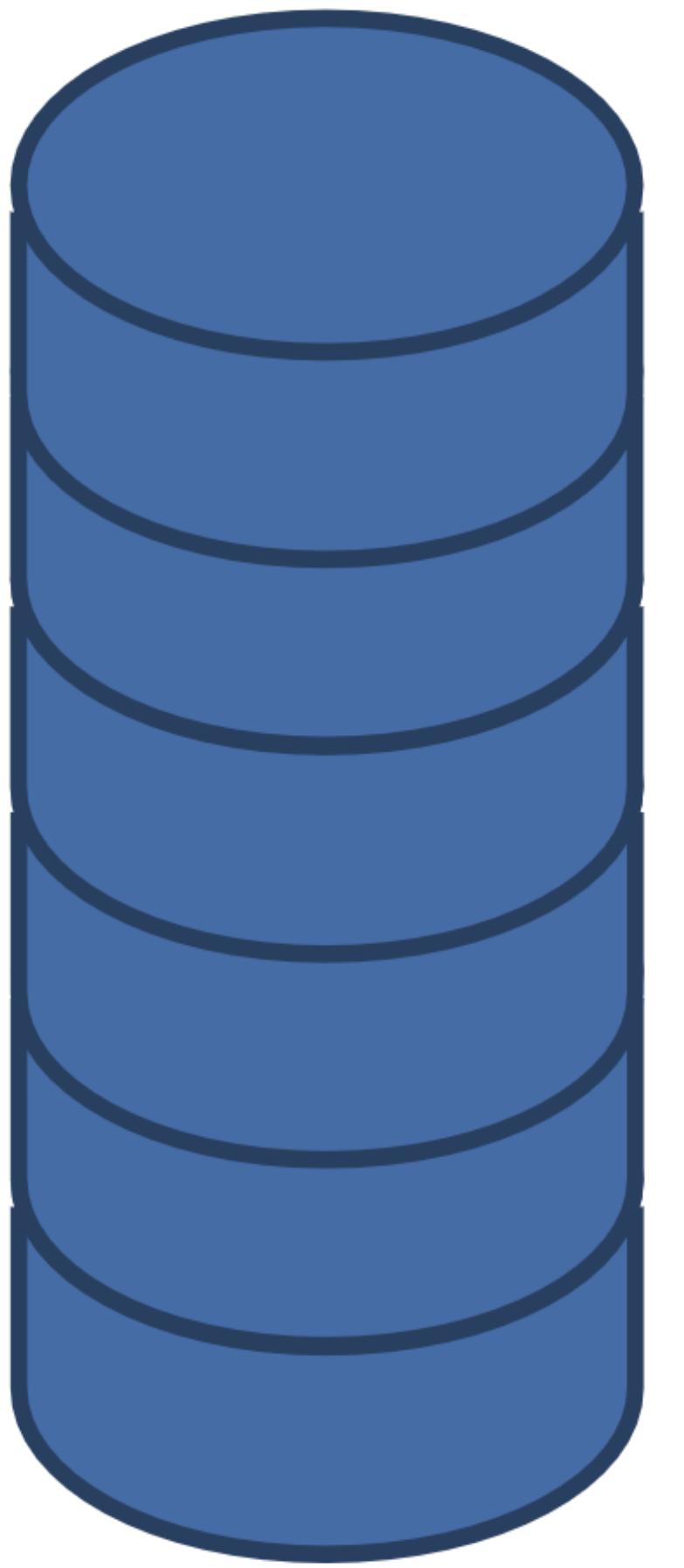


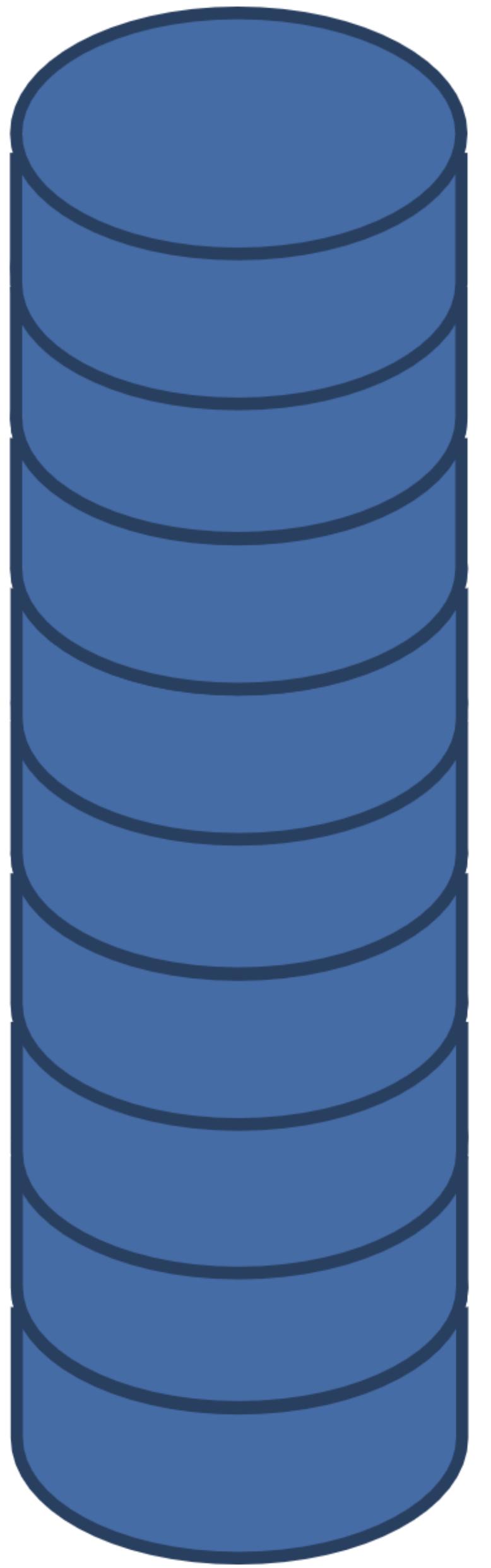
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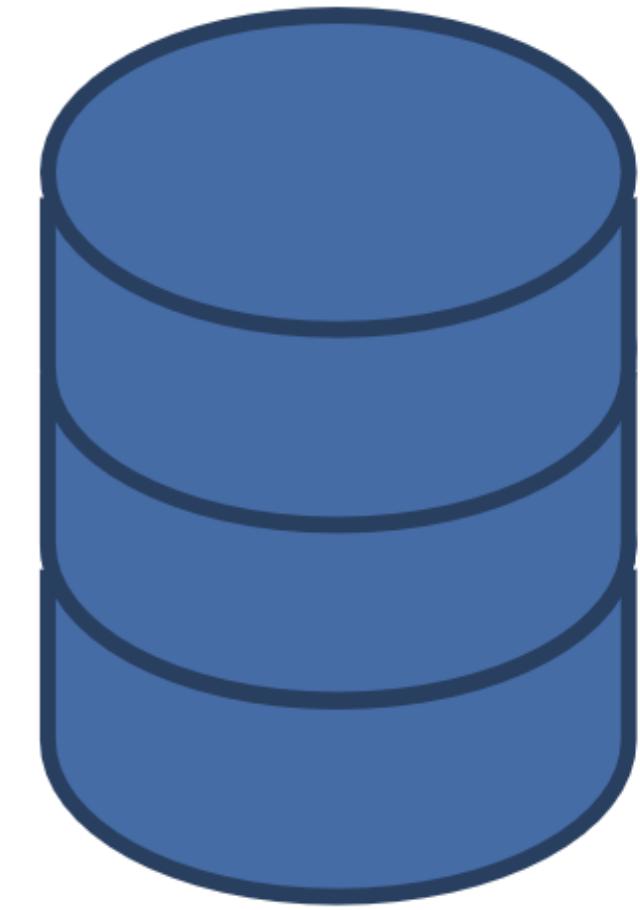
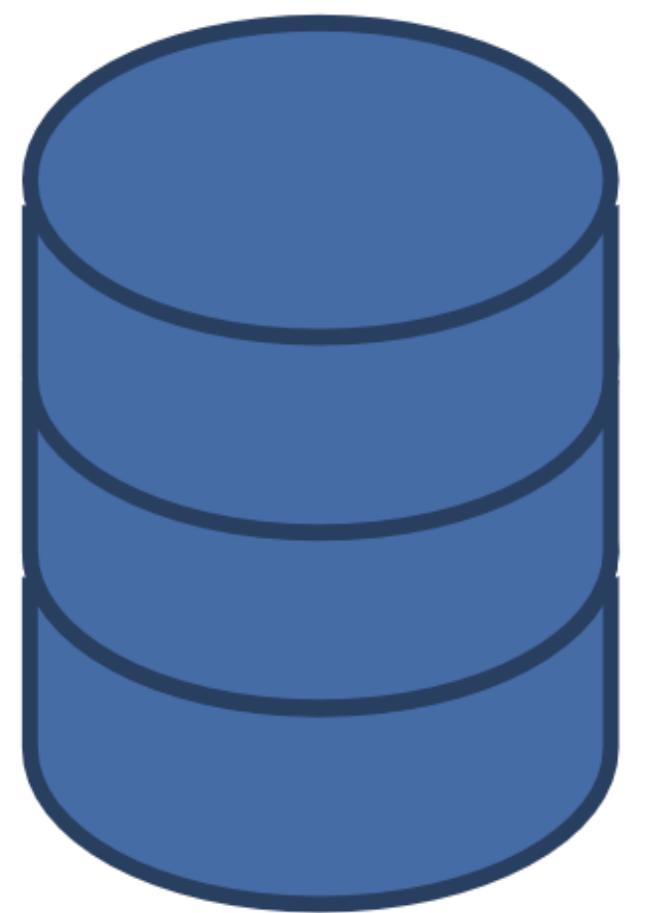
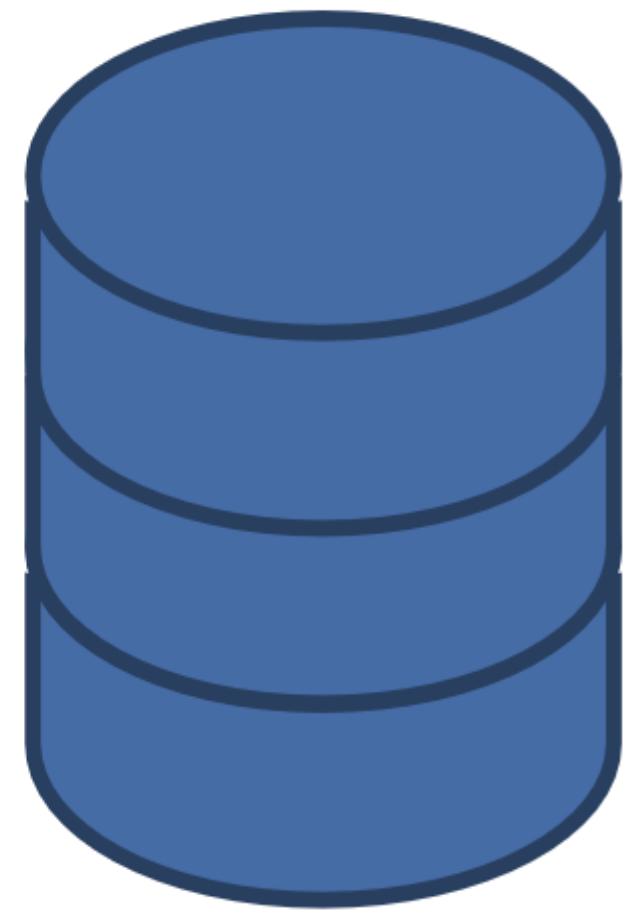


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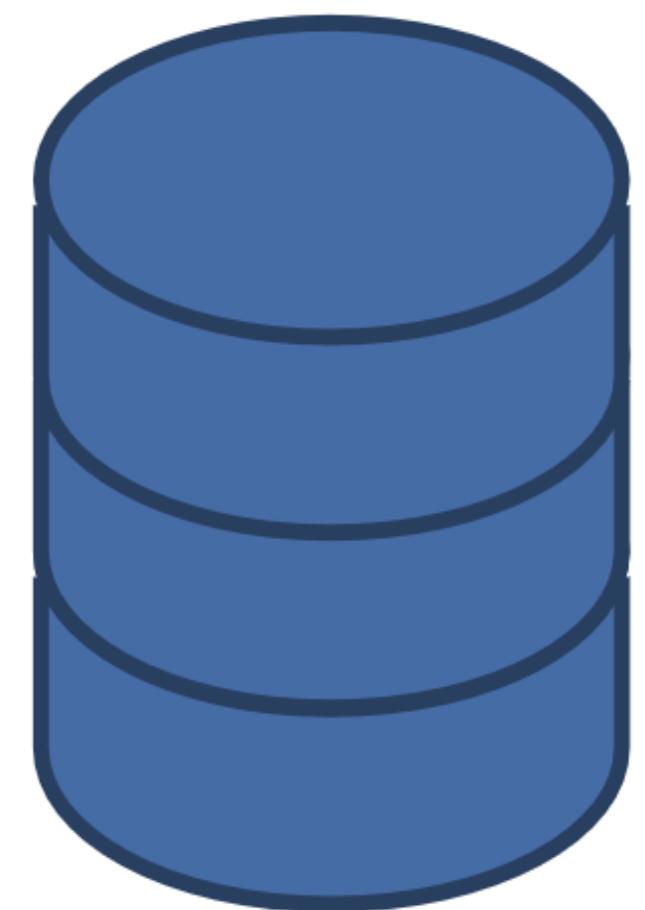
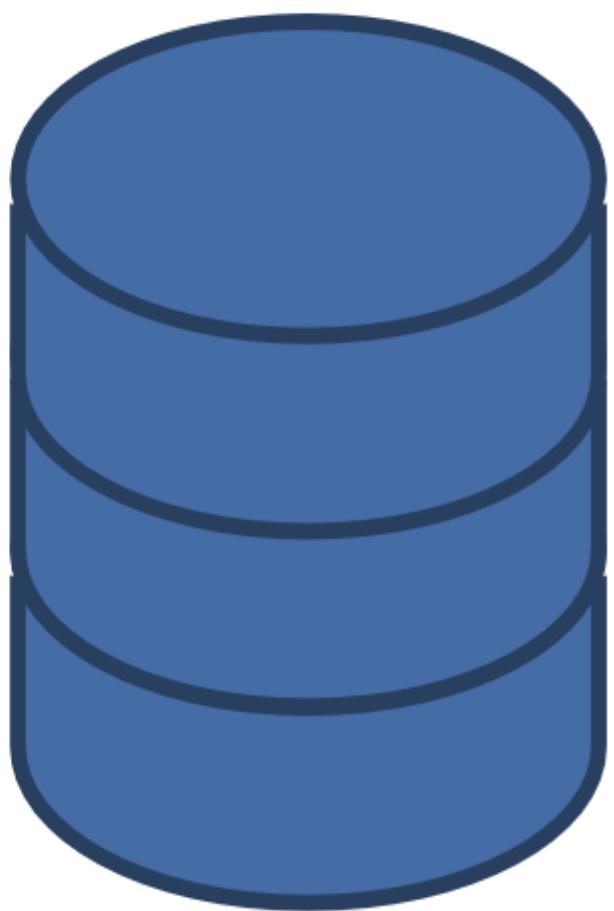








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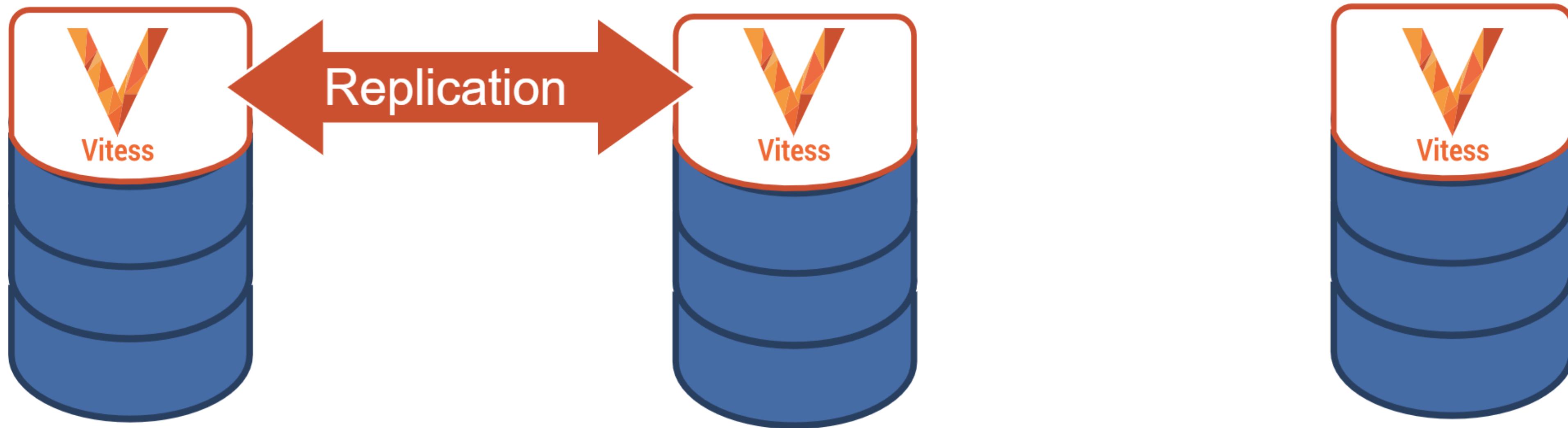


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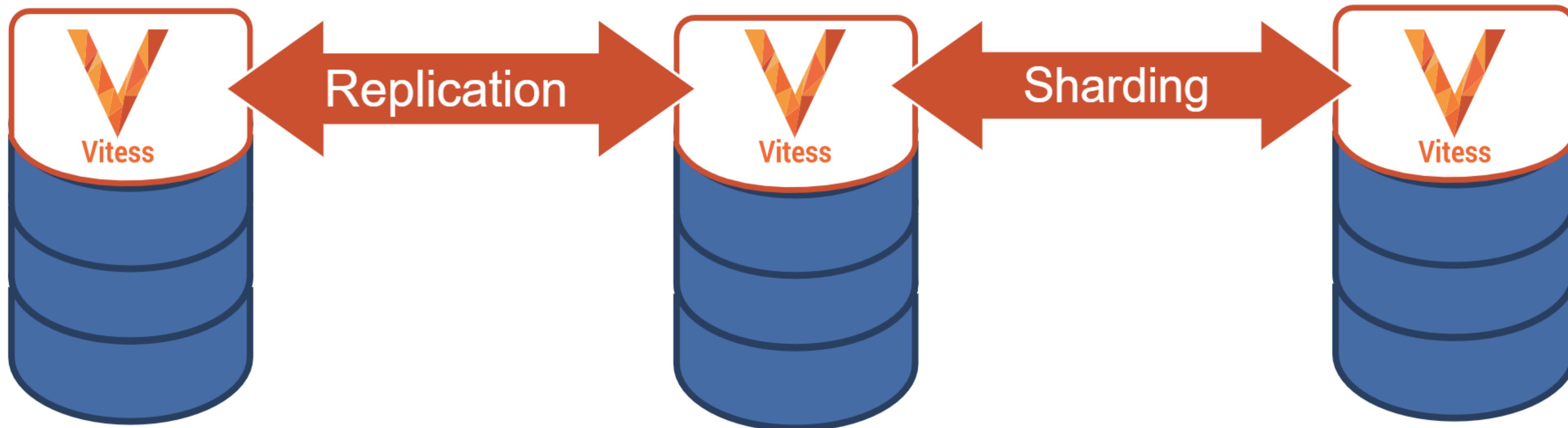


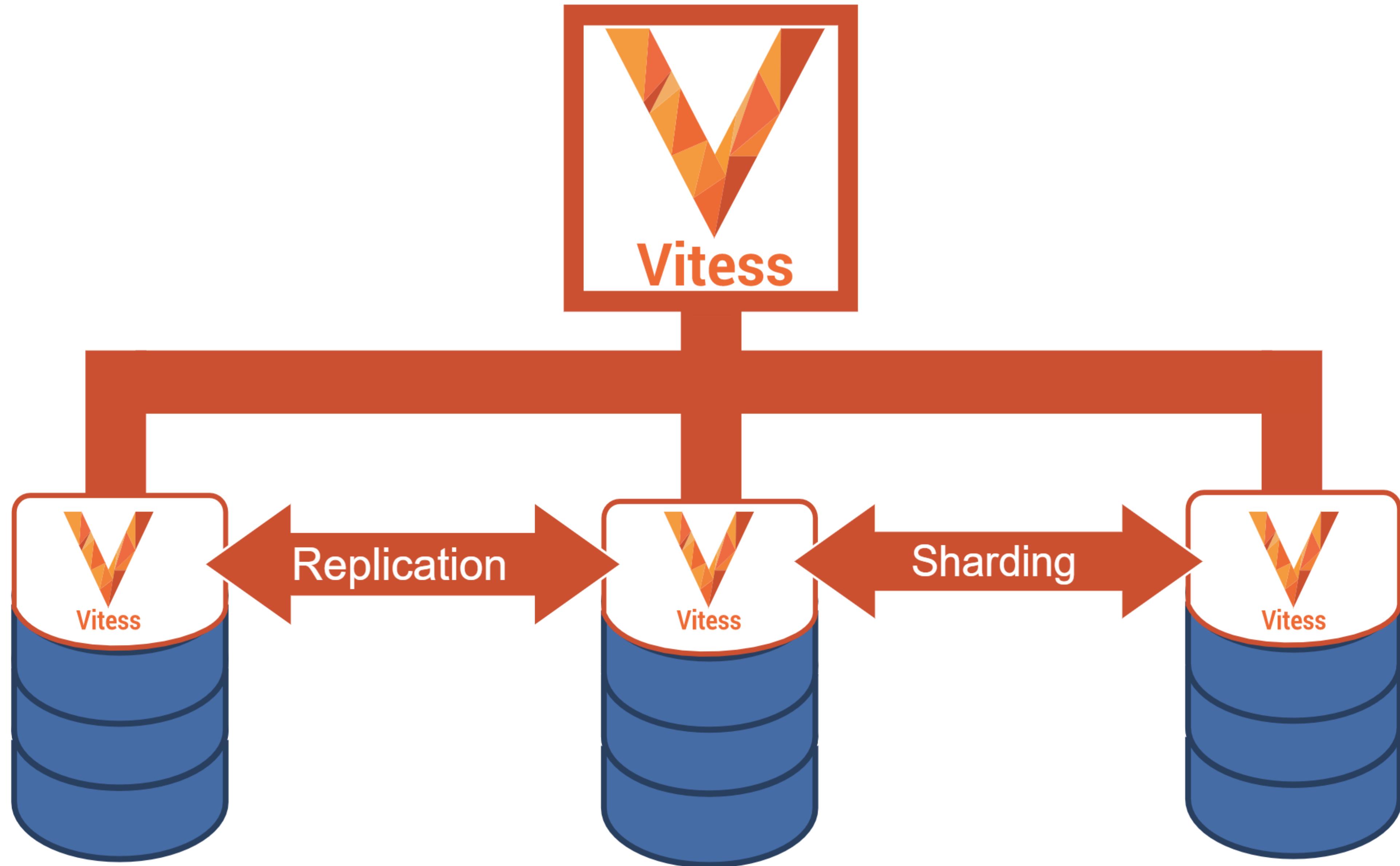
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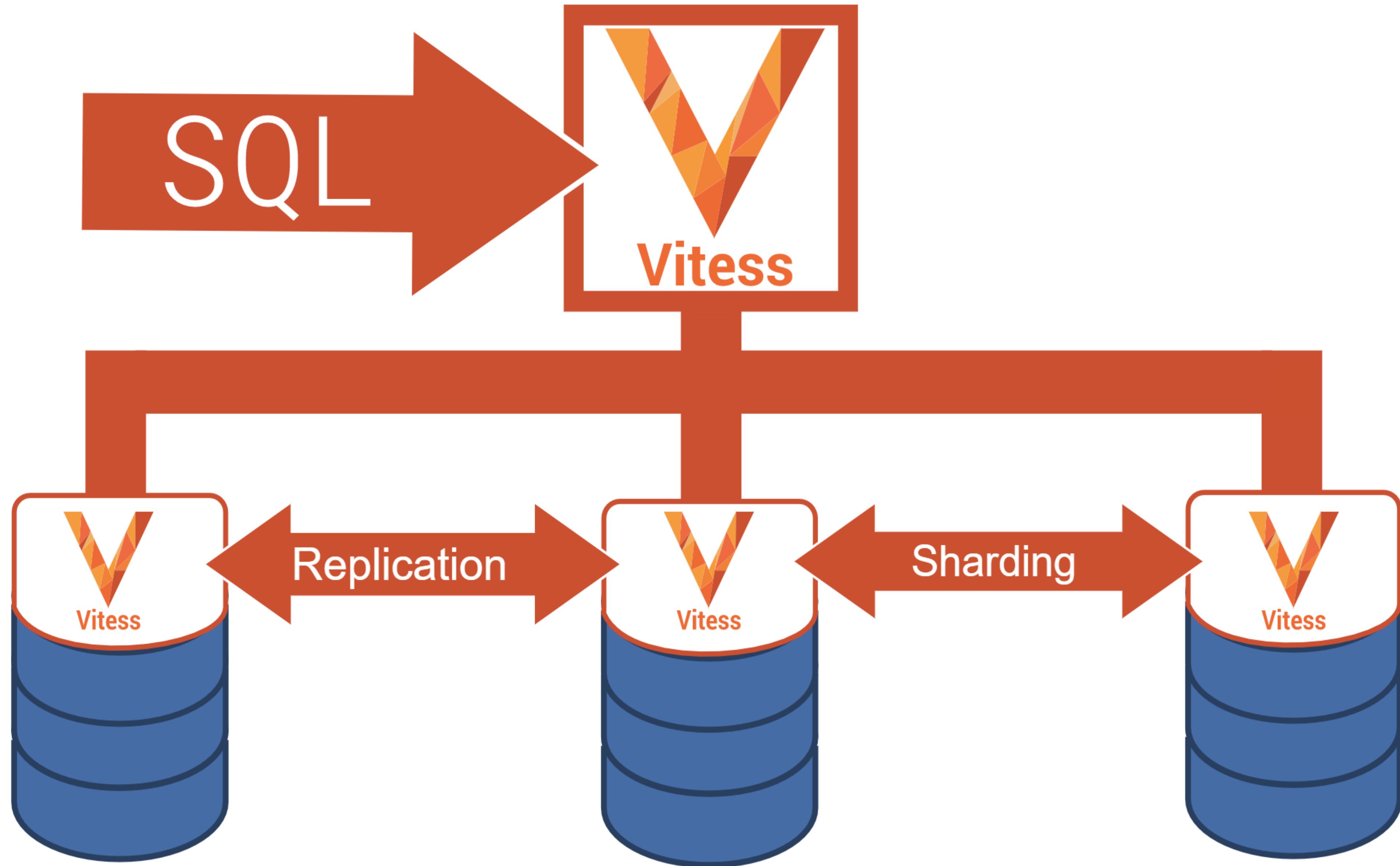


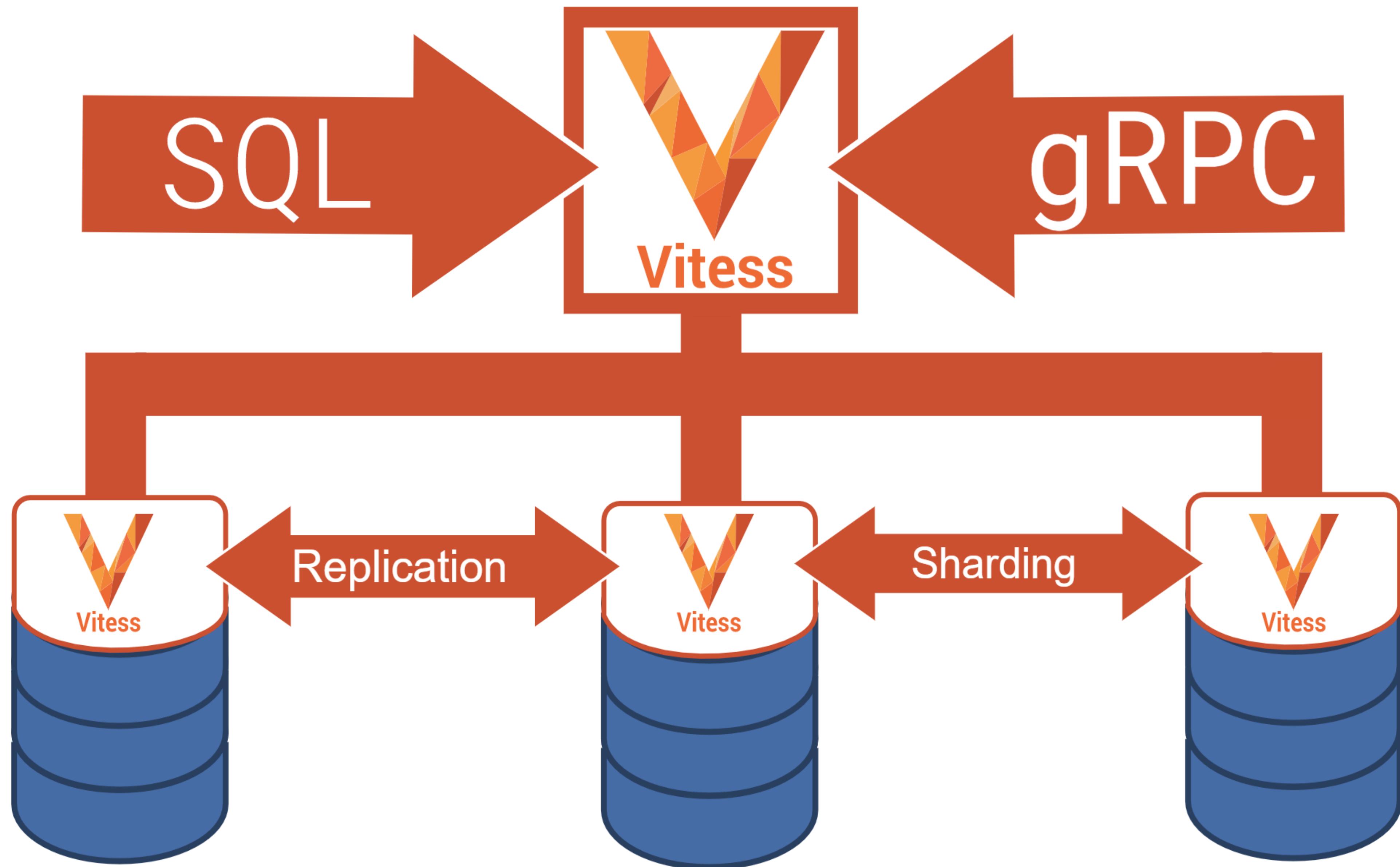


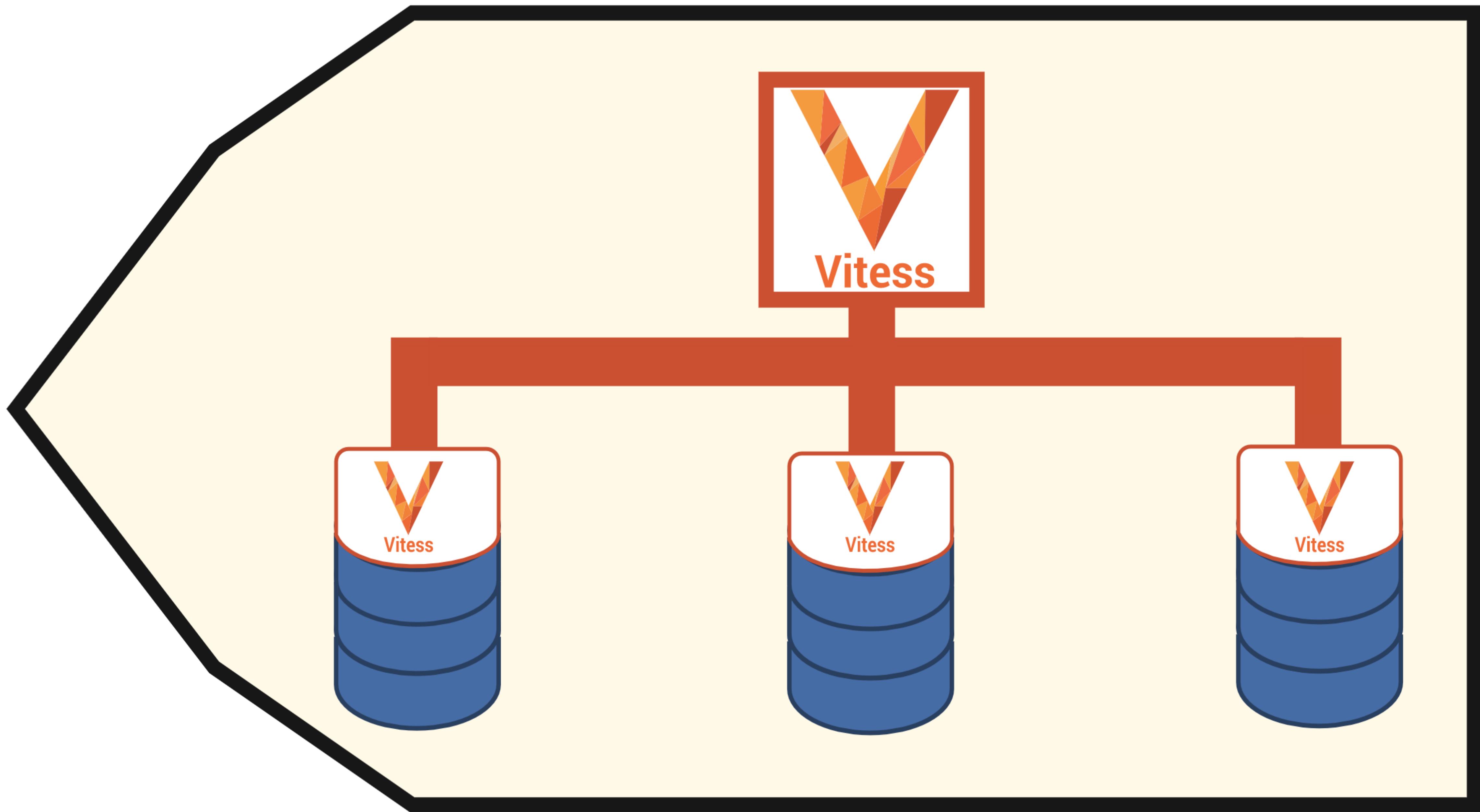
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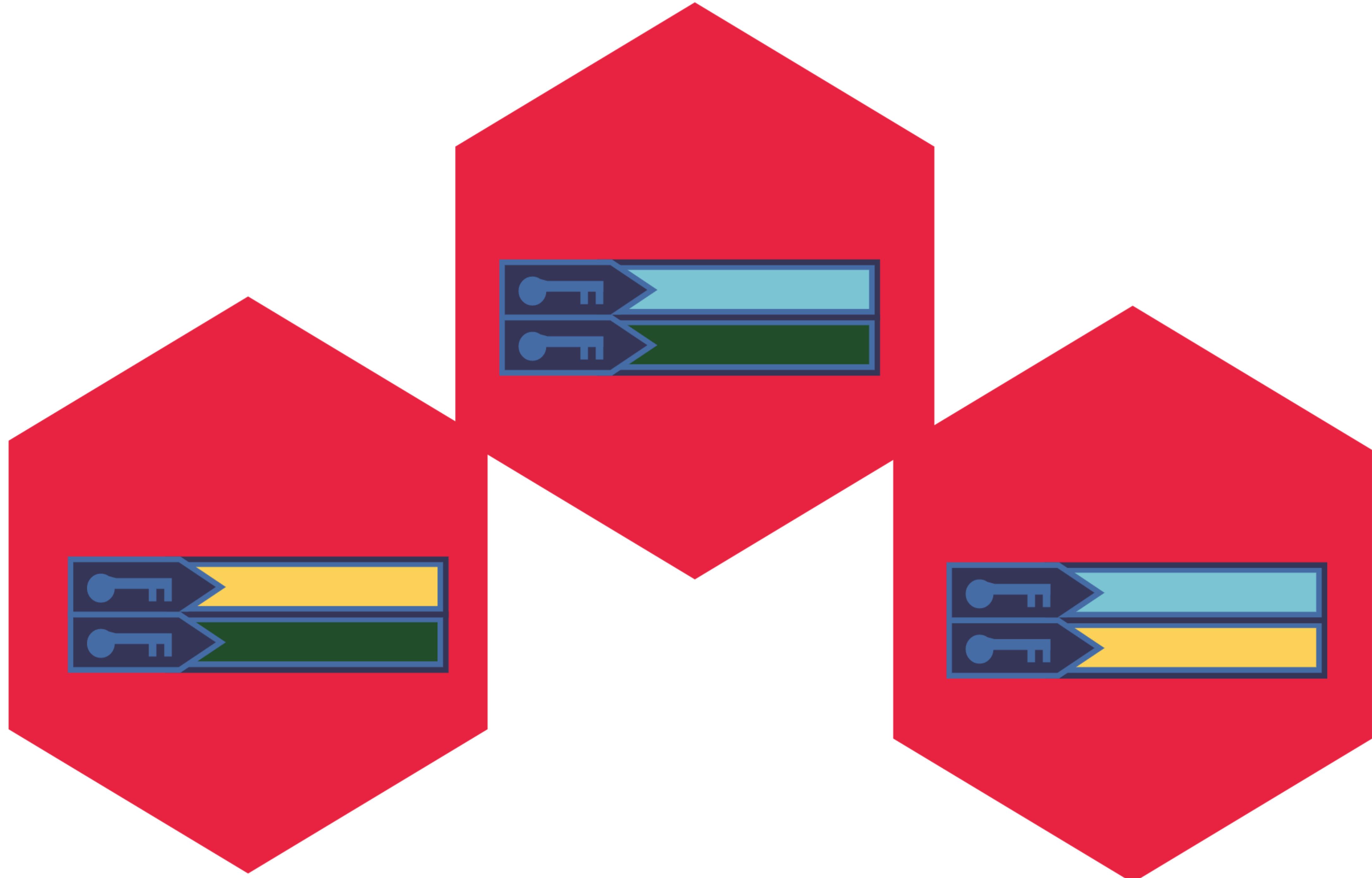
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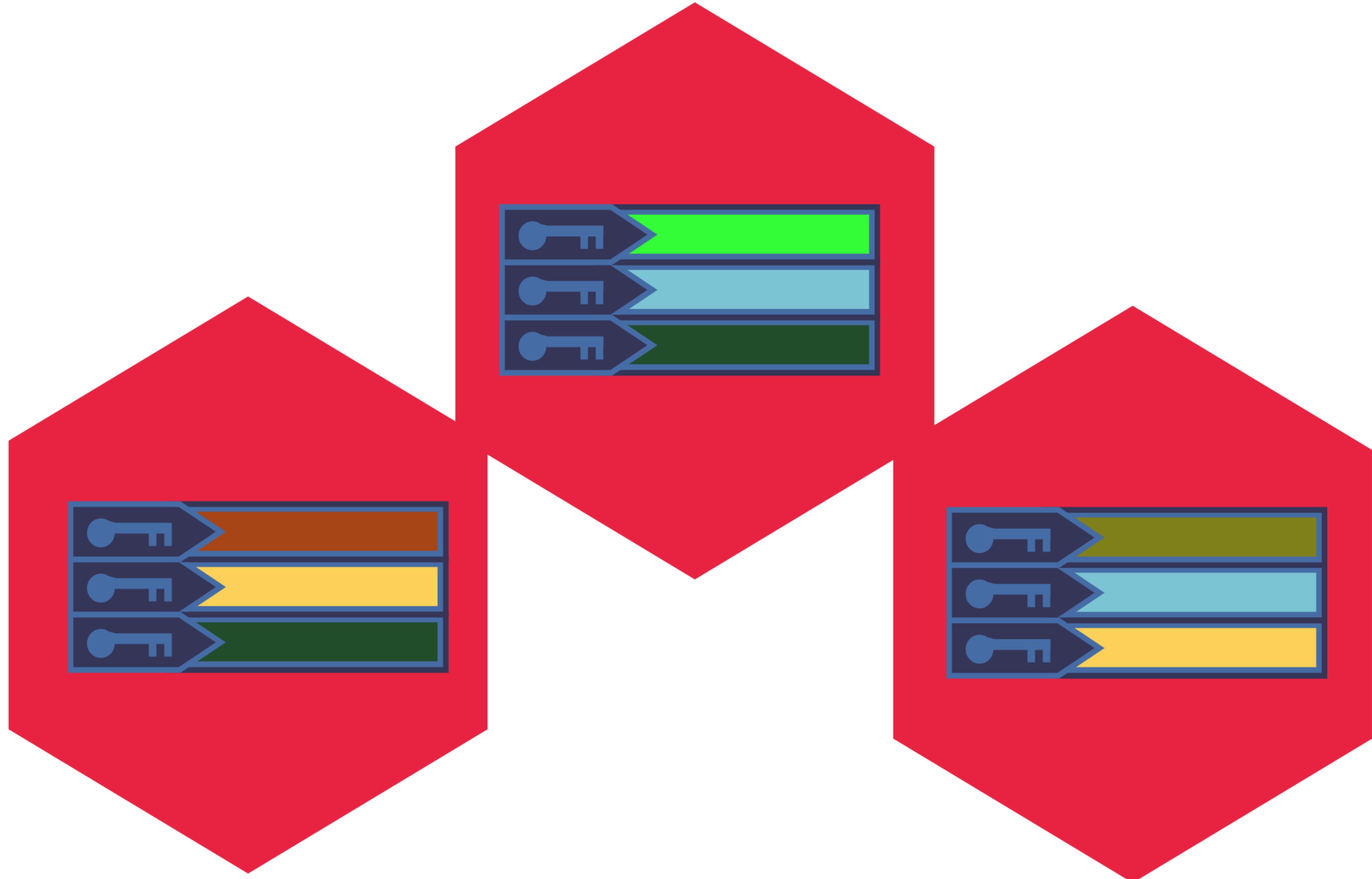


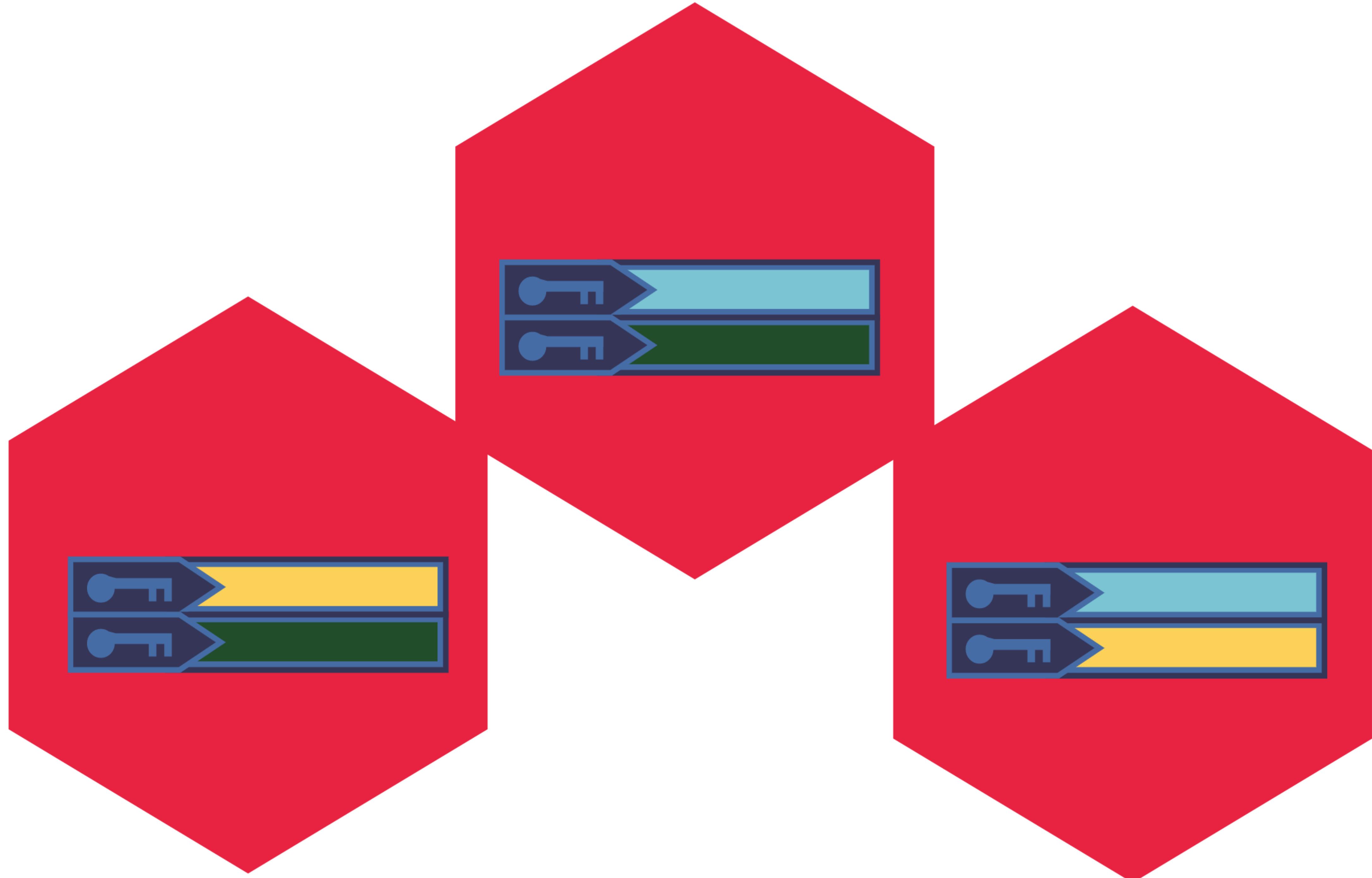












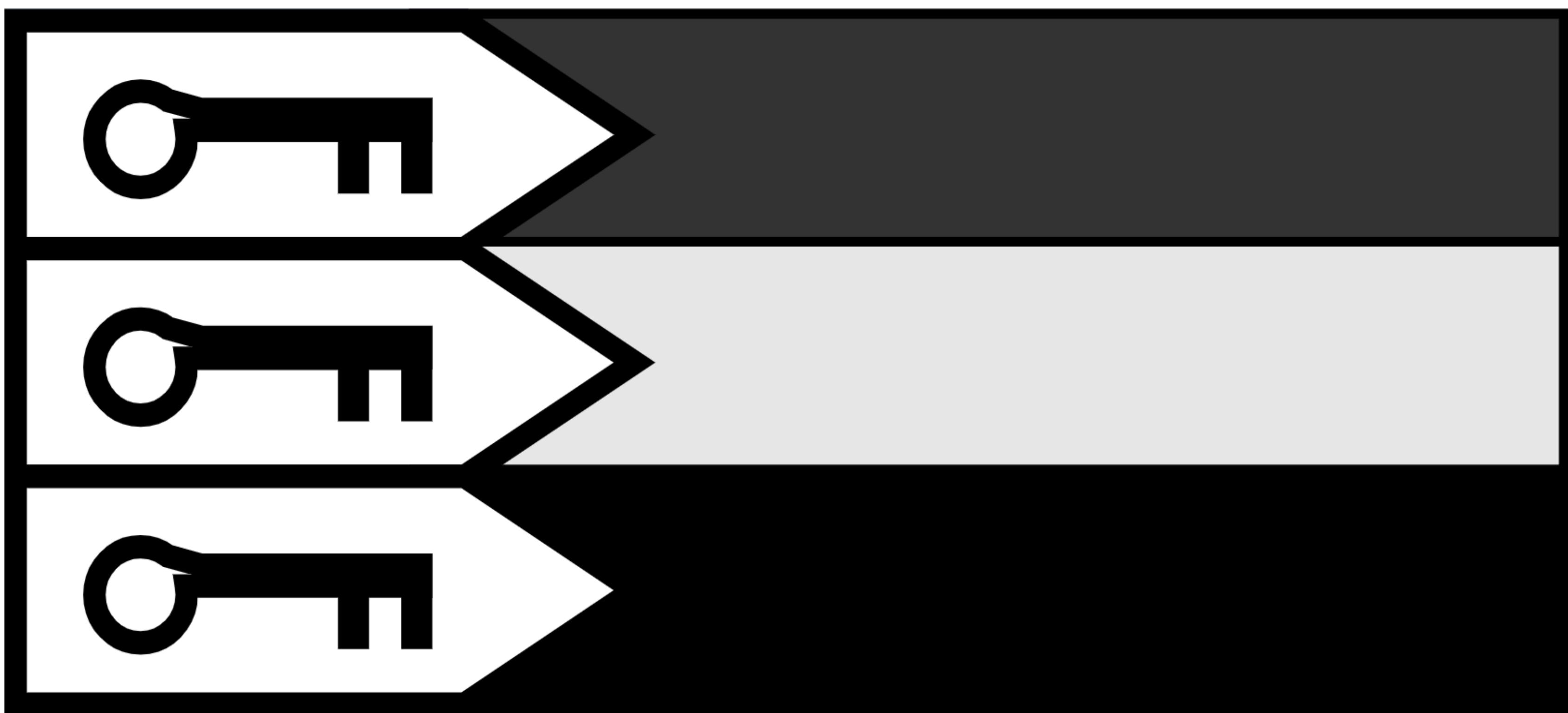


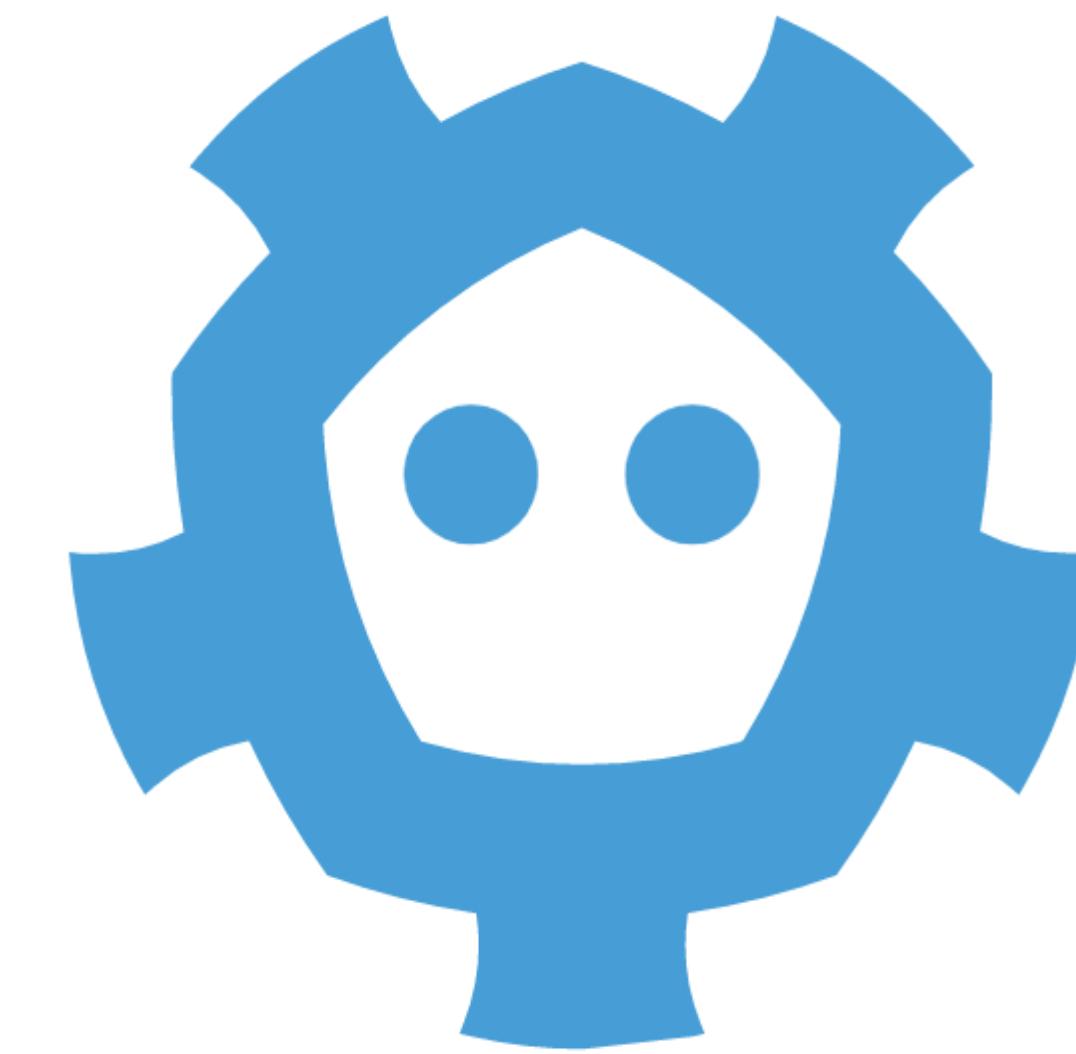
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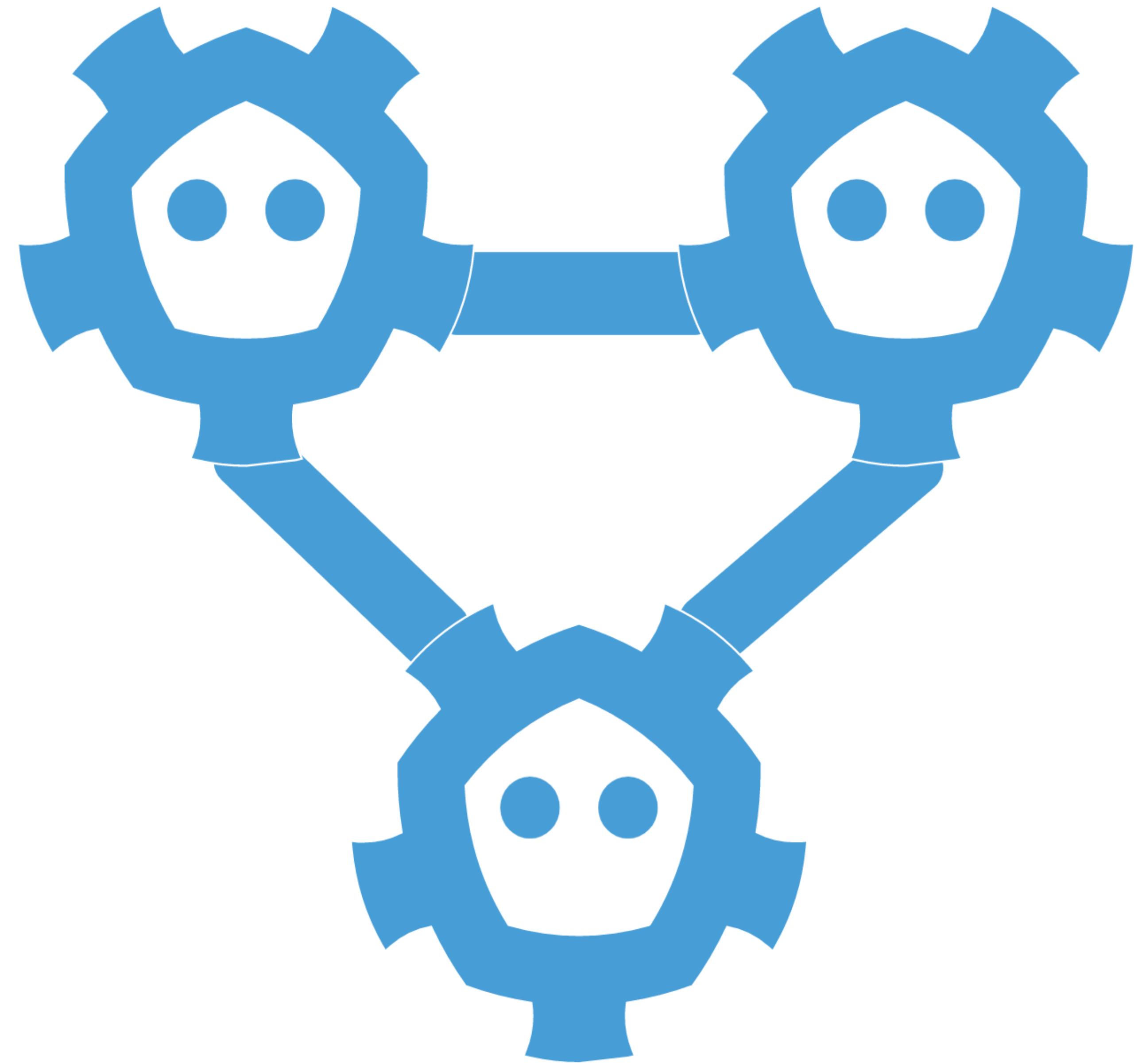


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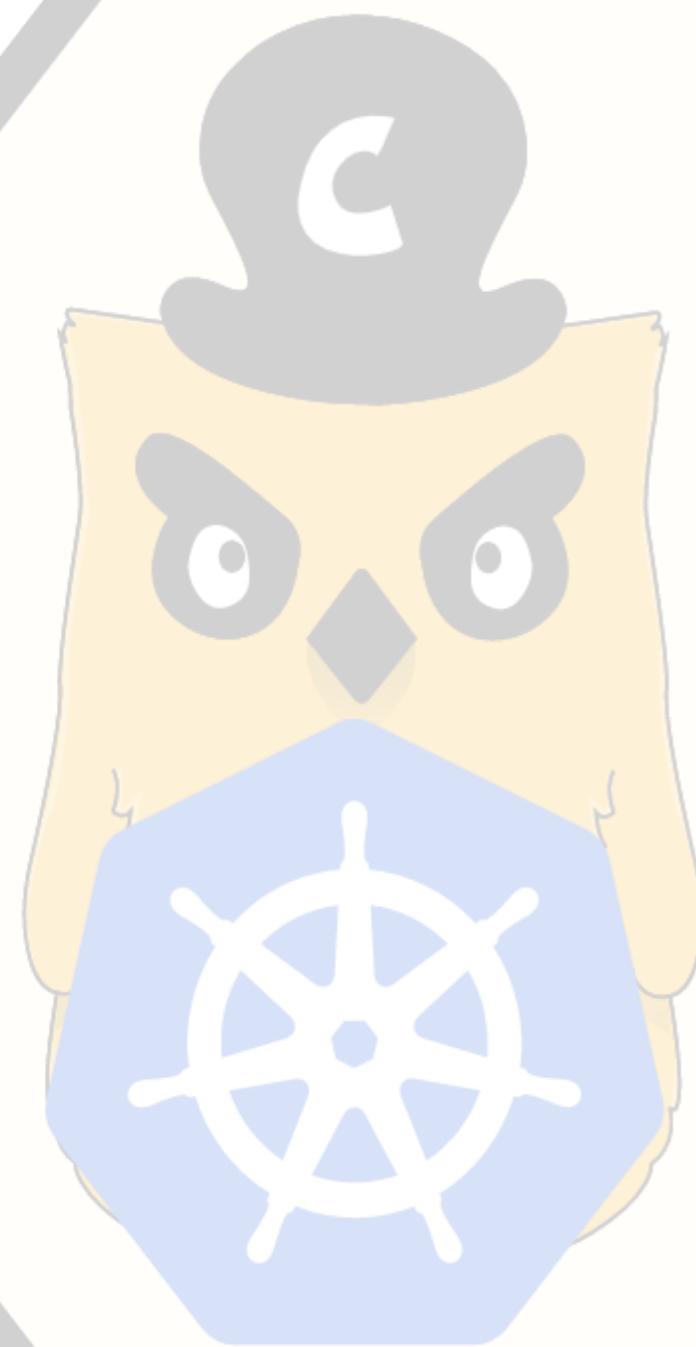












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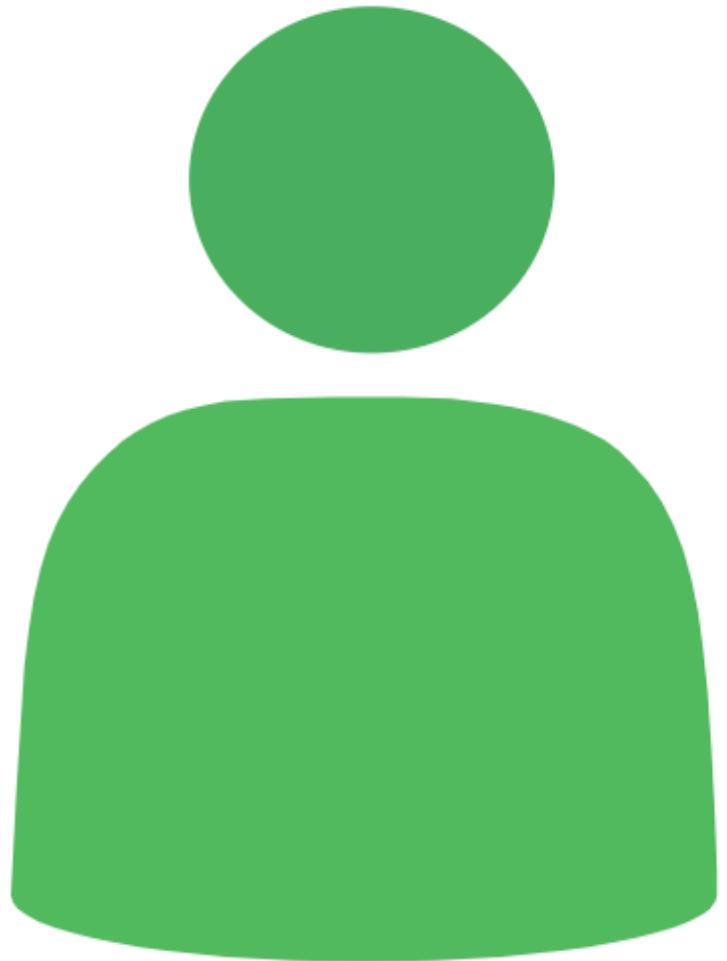
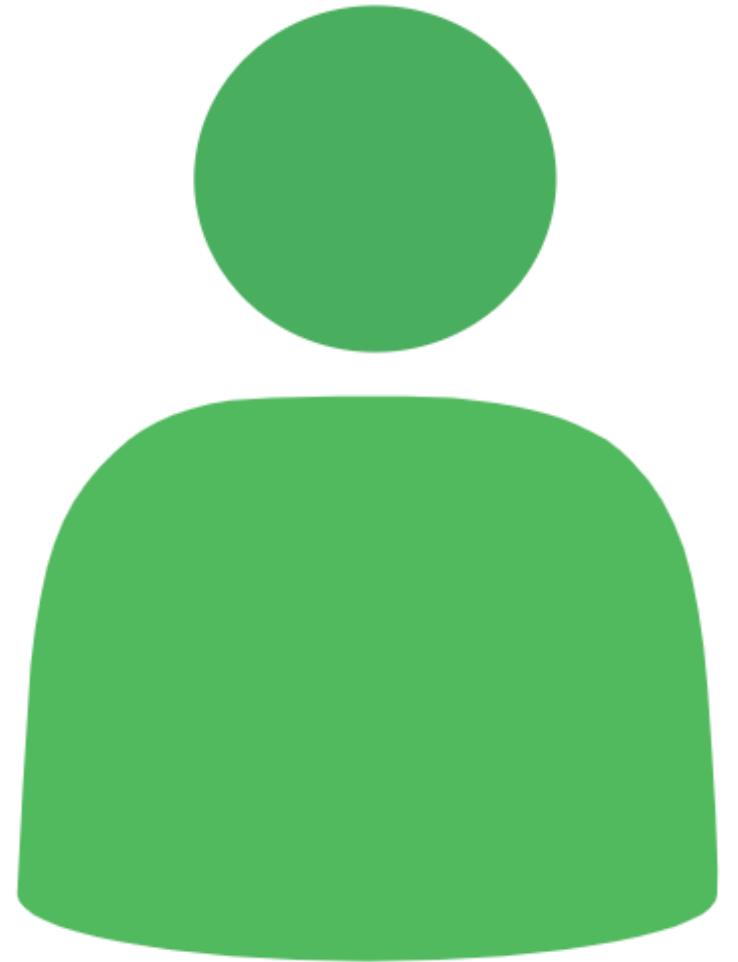
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Dragonfly

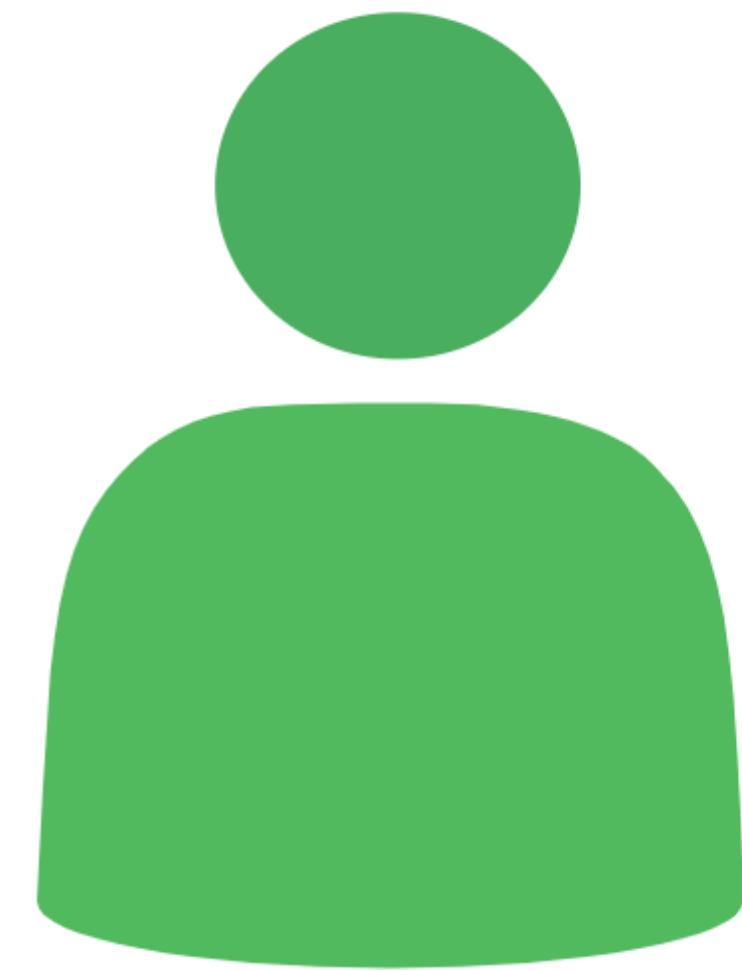
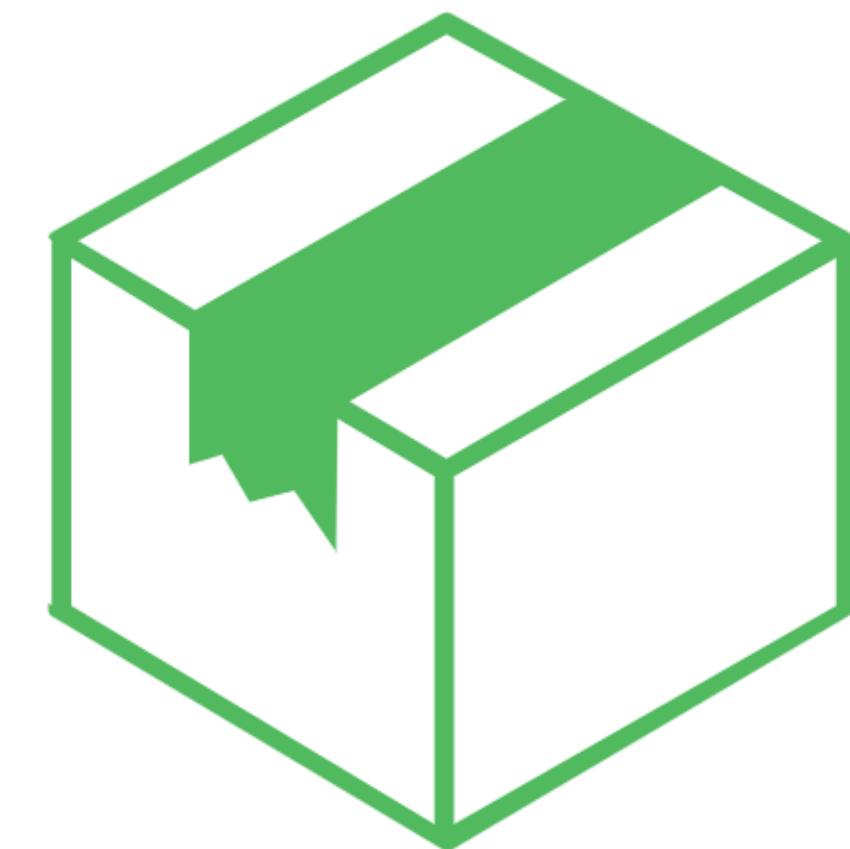
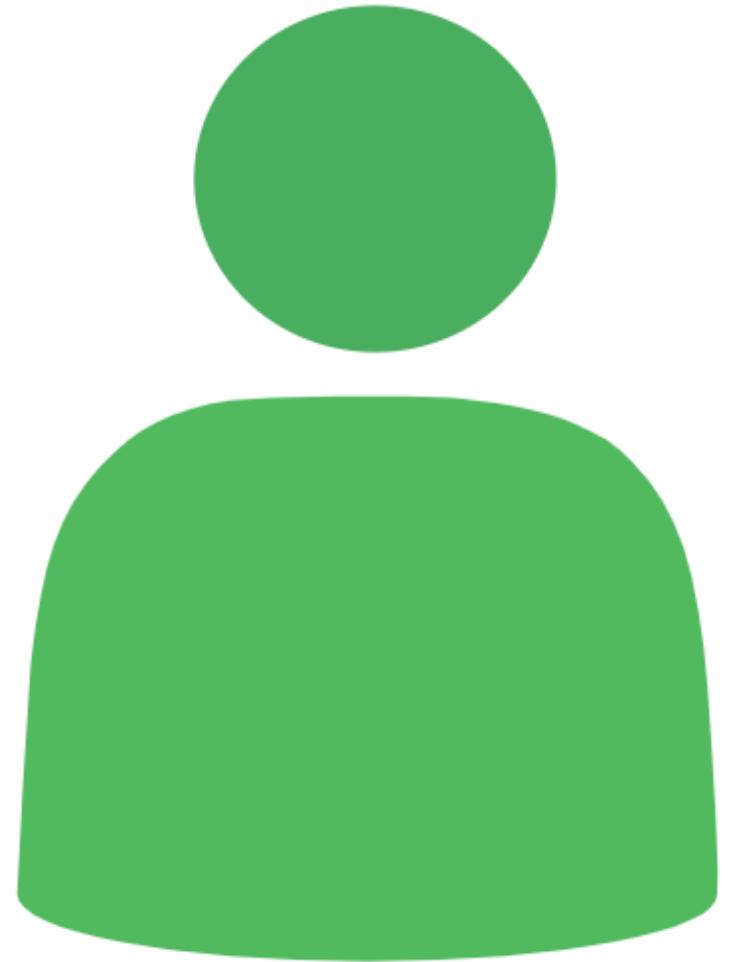


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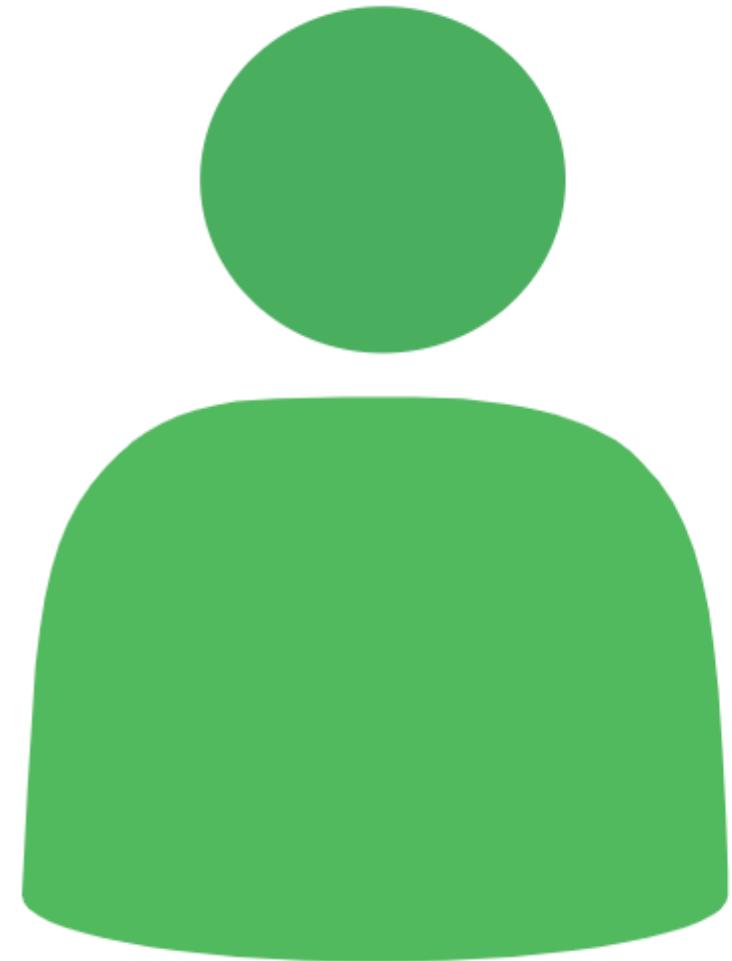
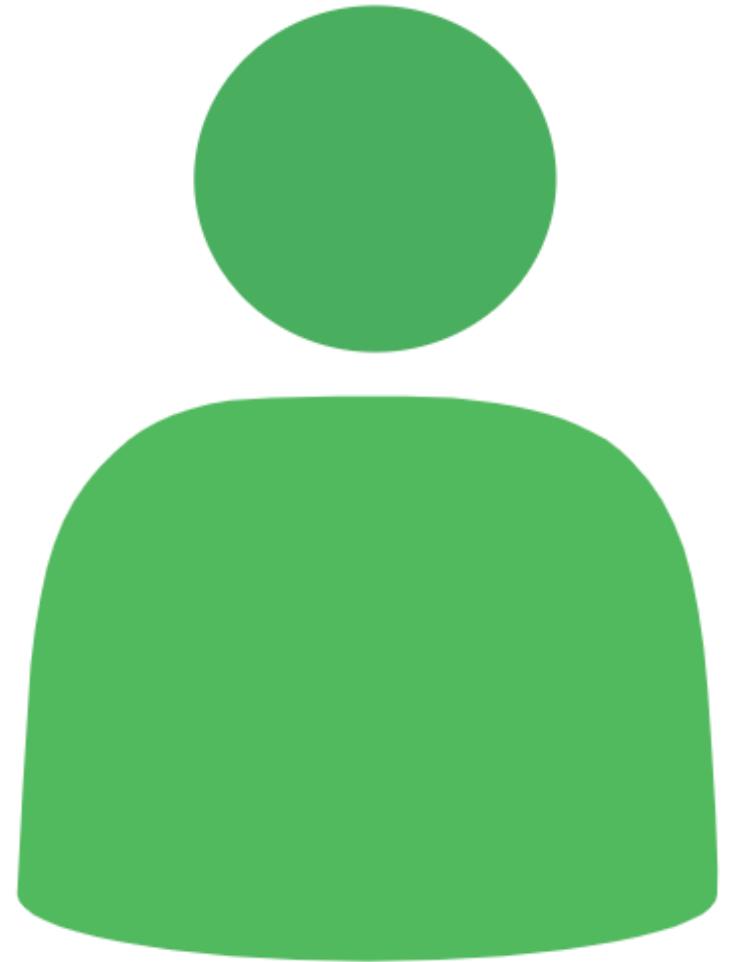


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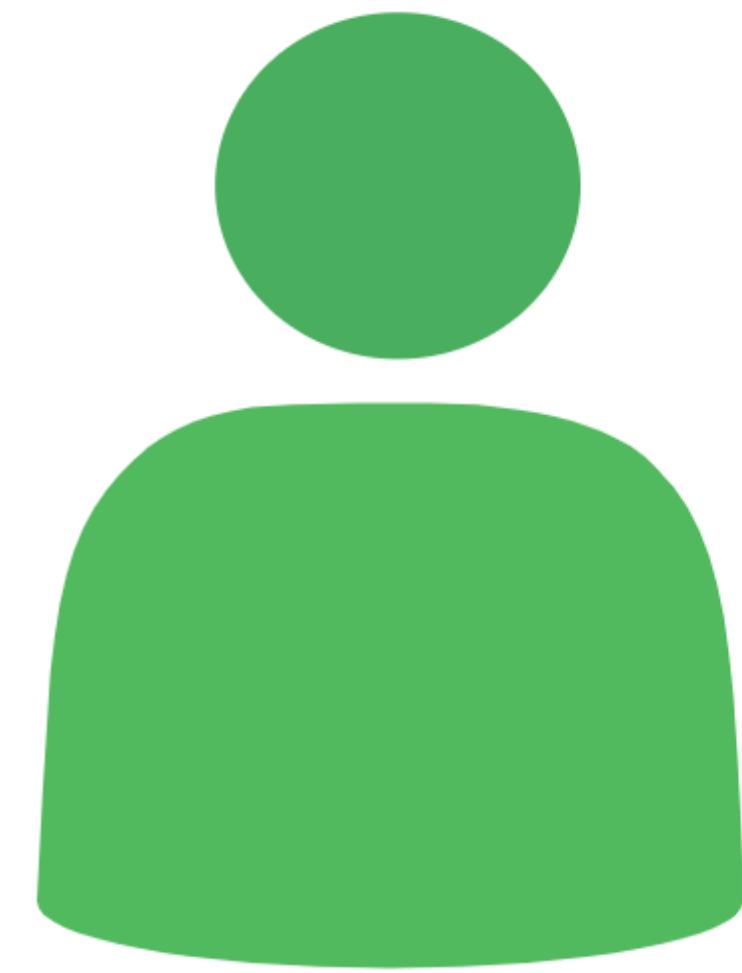
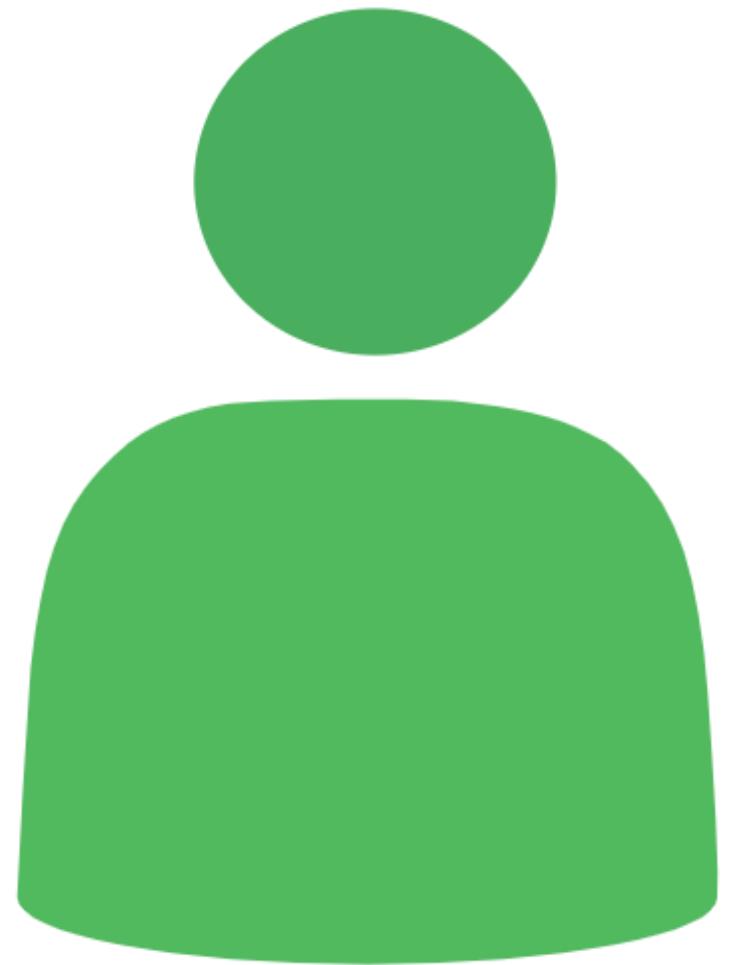


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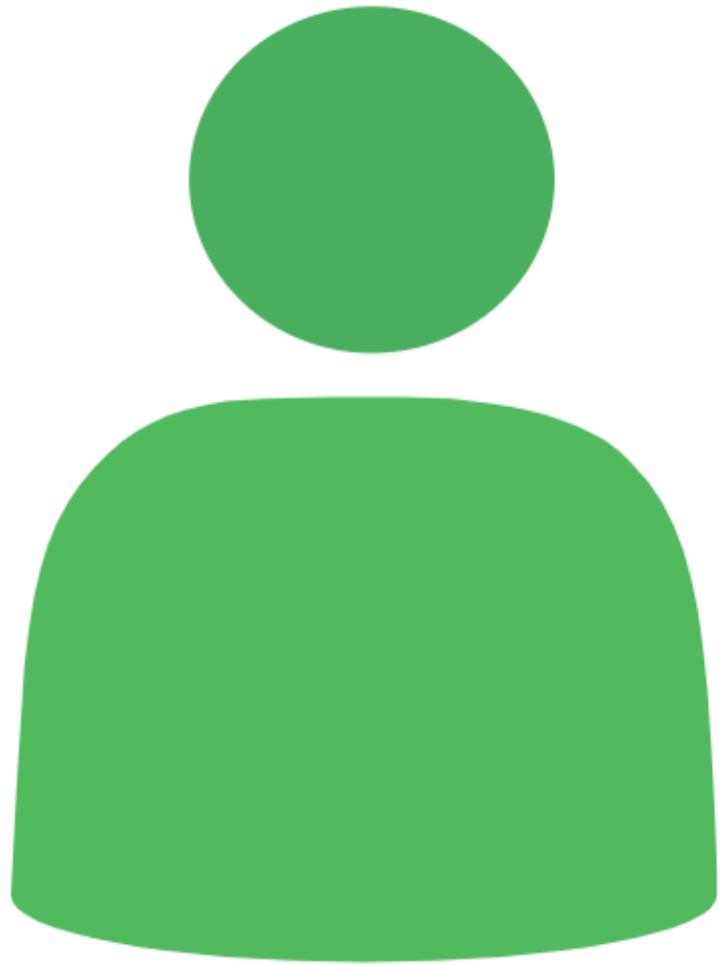
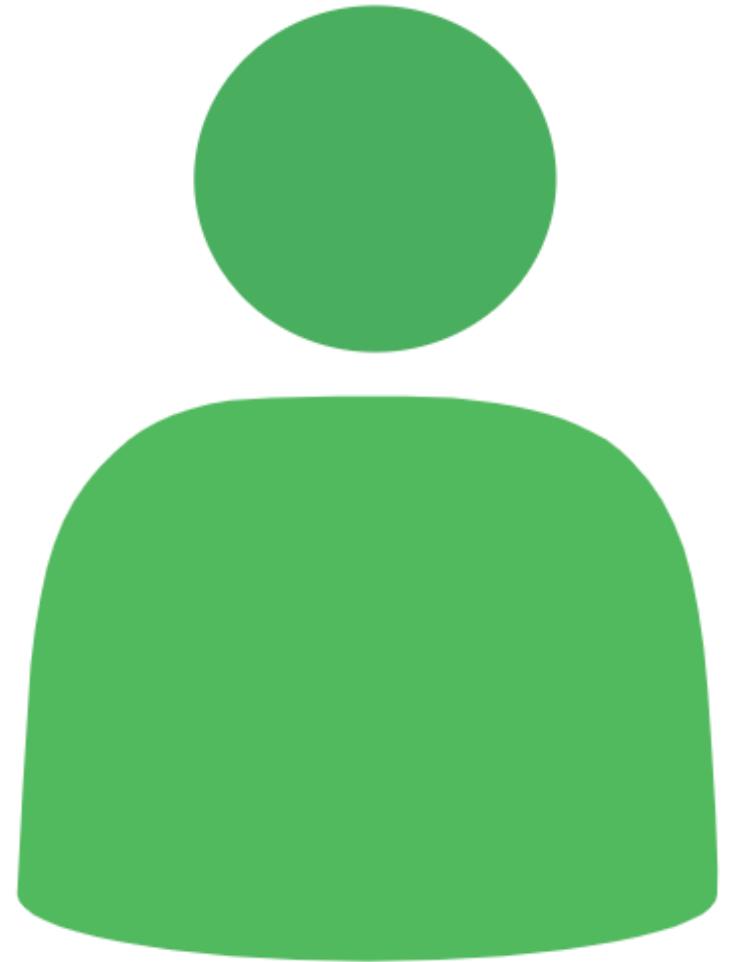


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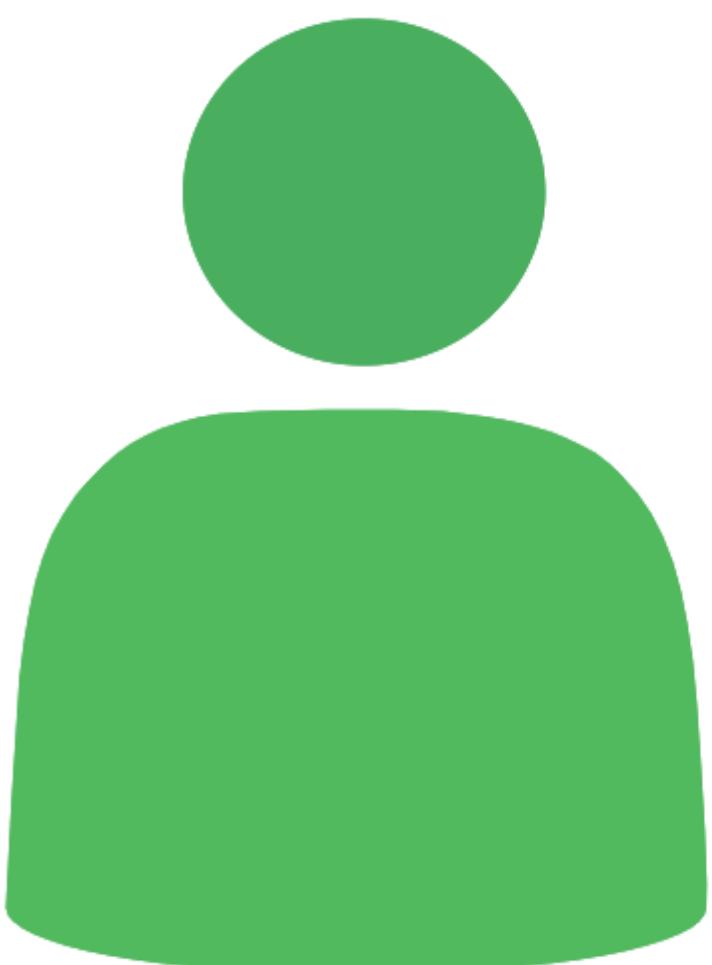
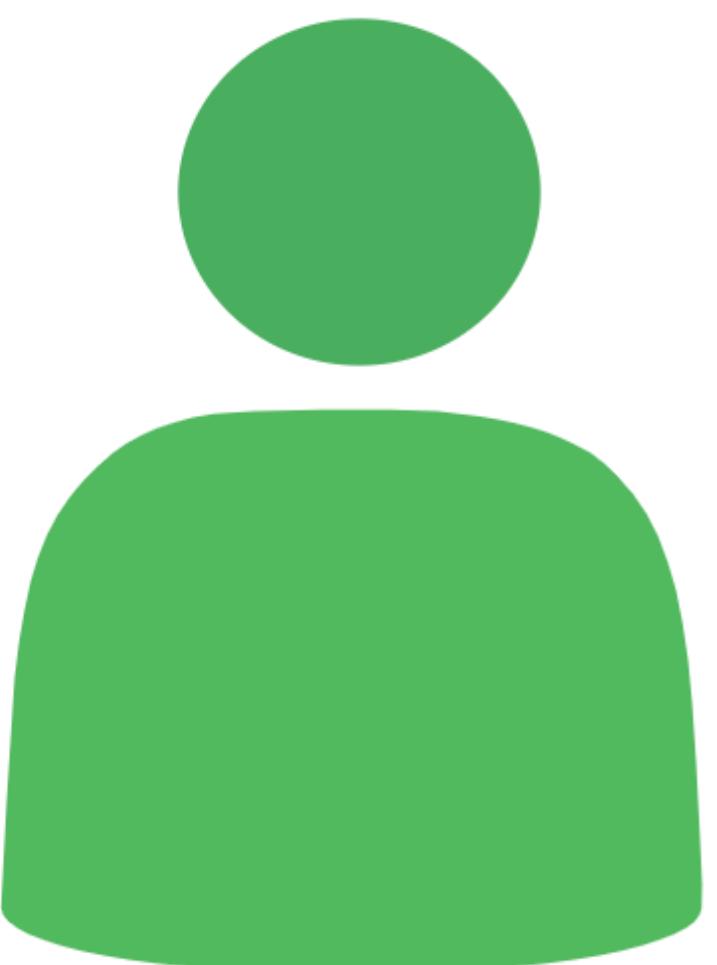
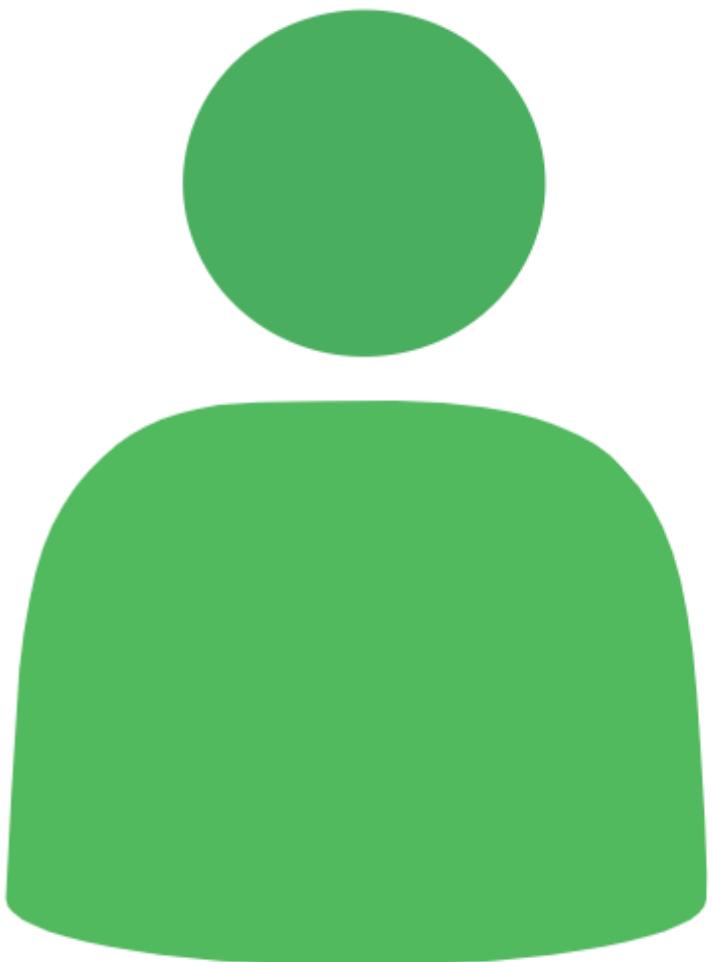
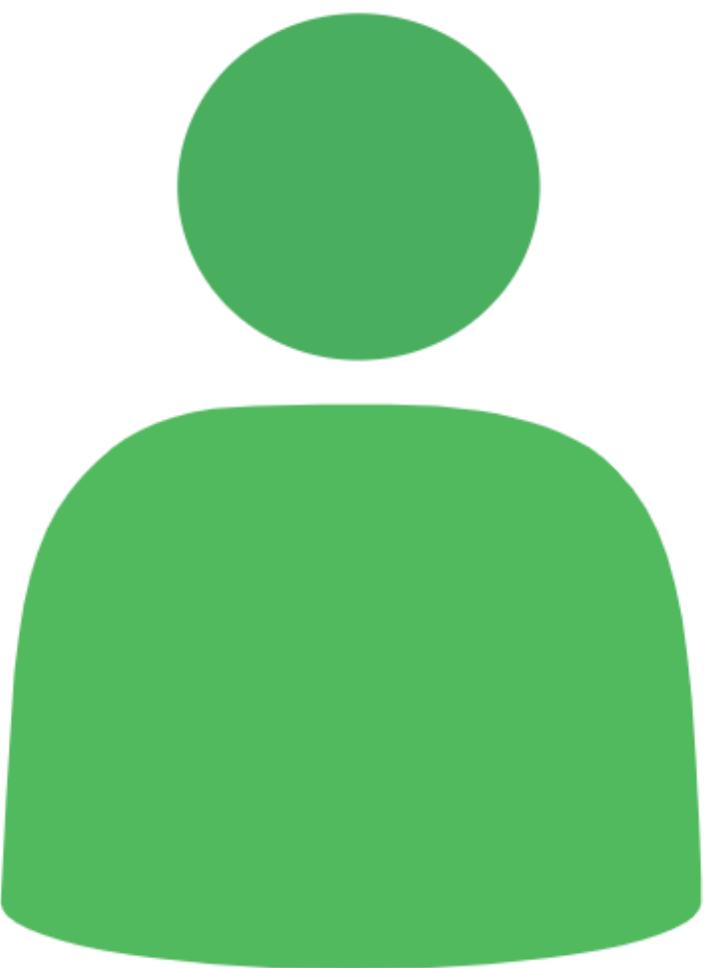
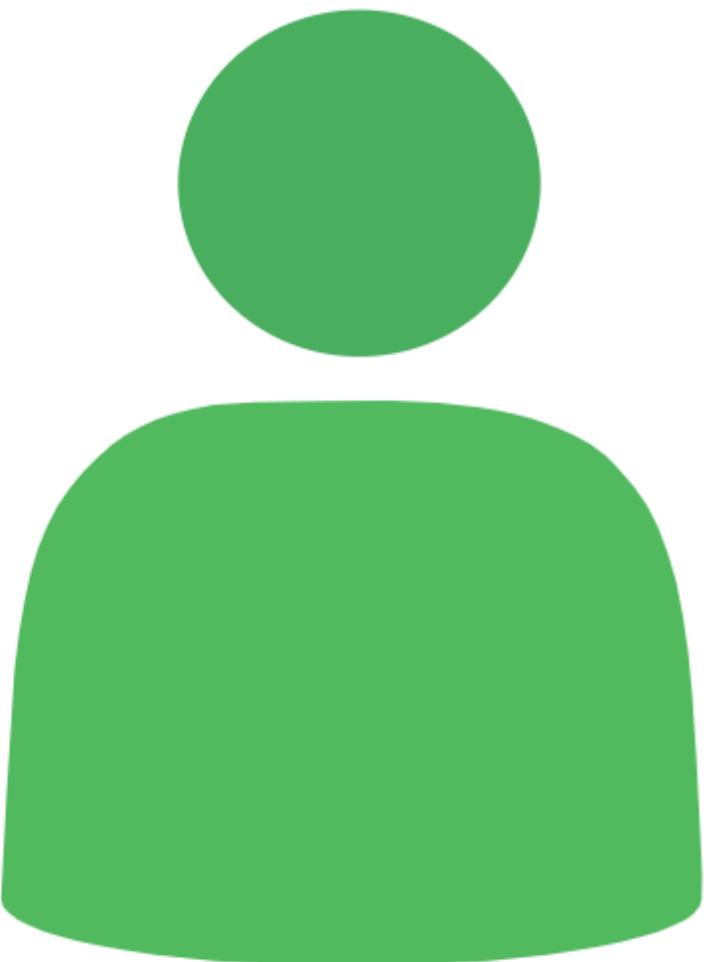


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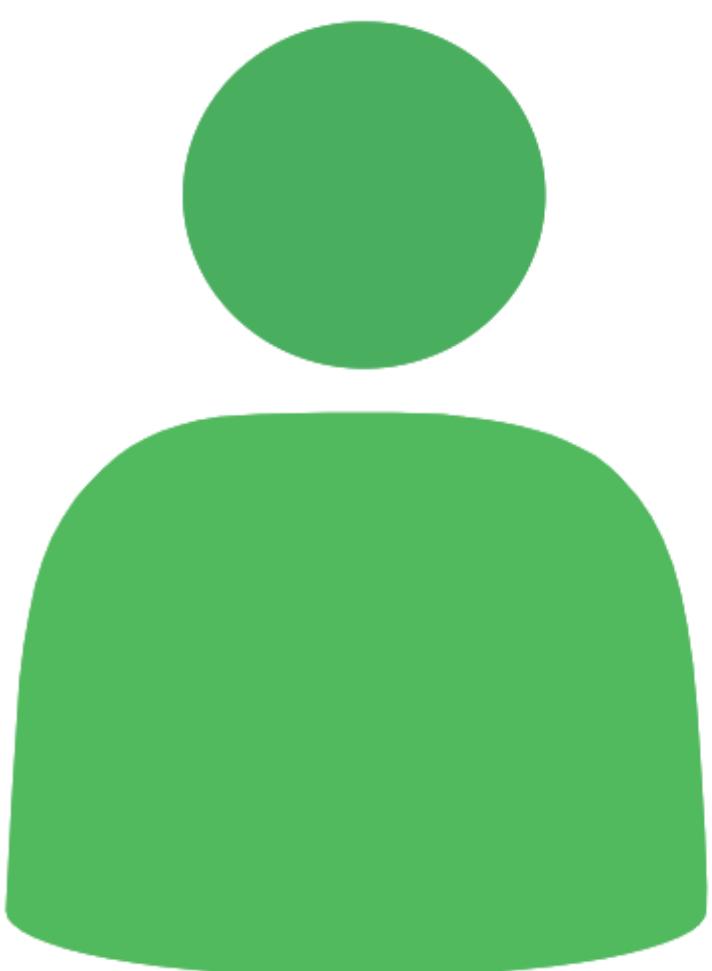
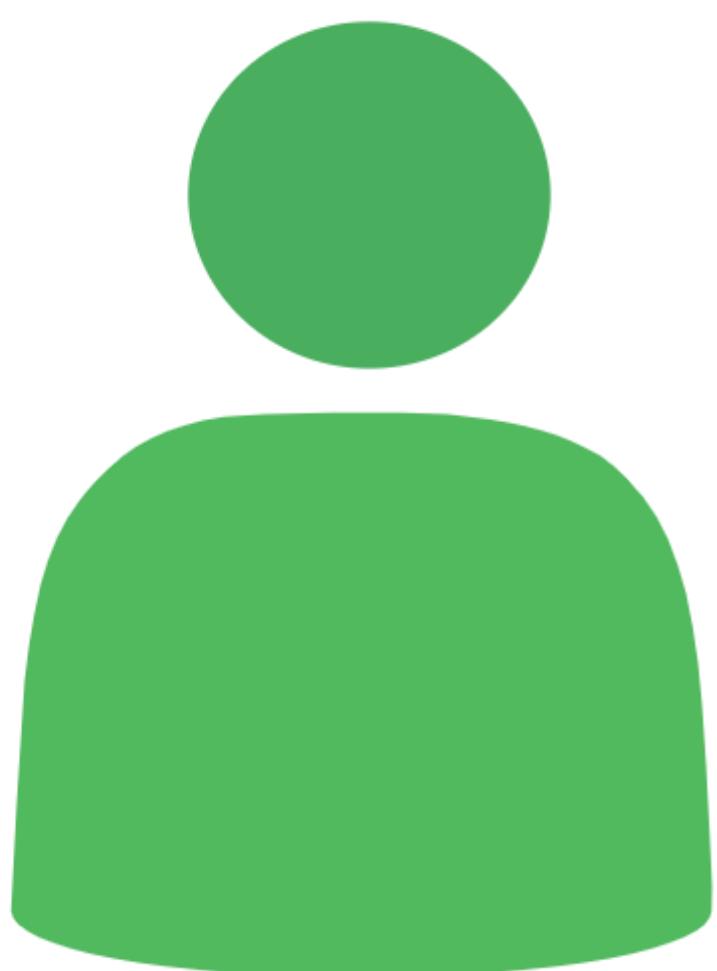
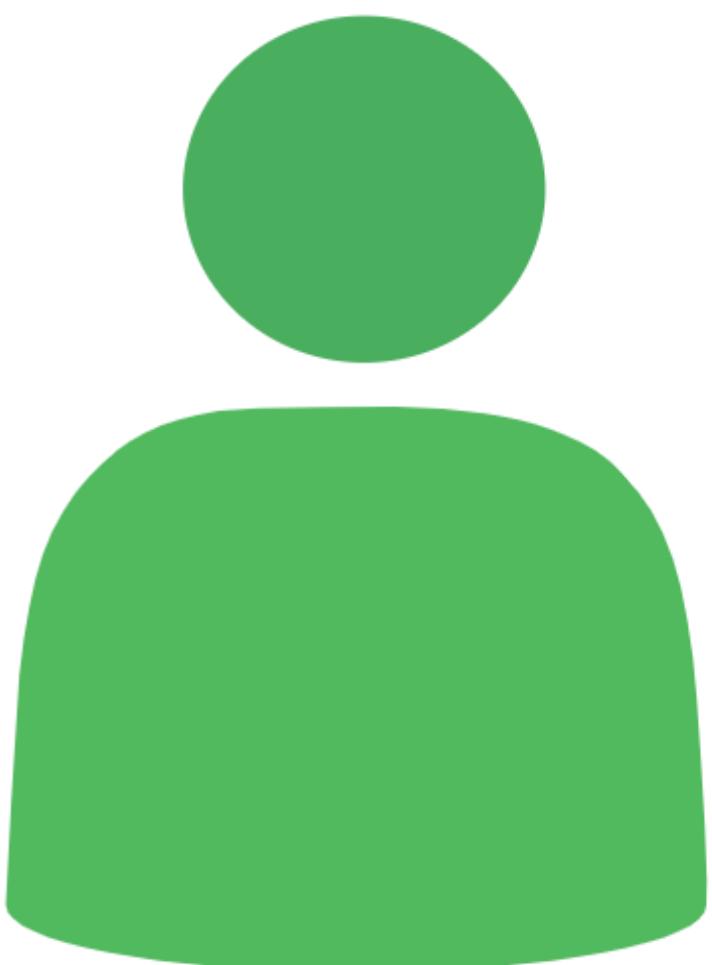
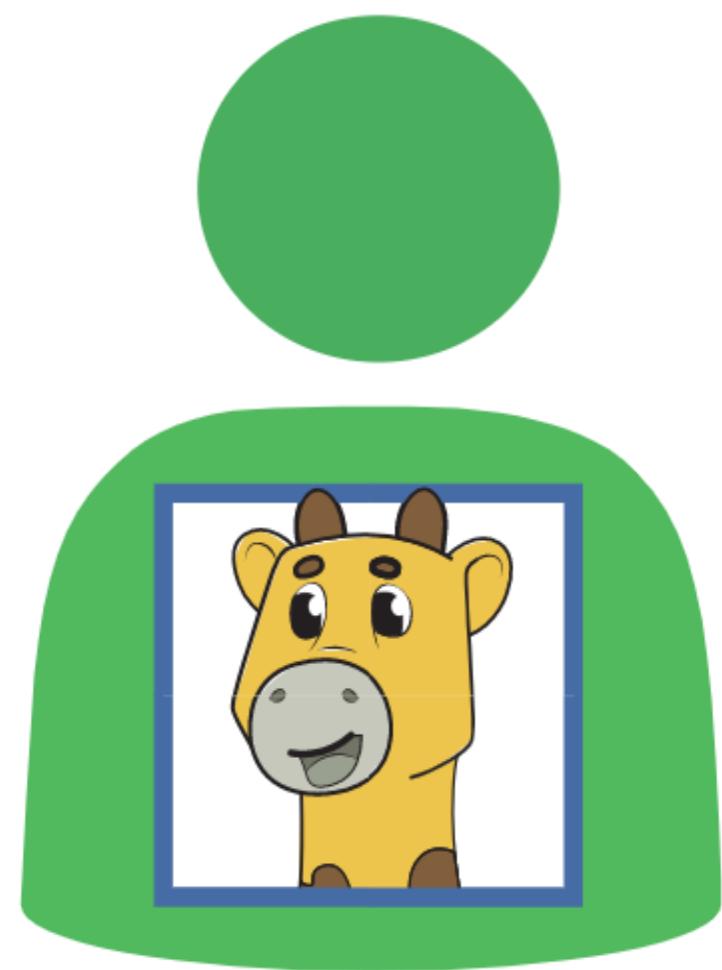
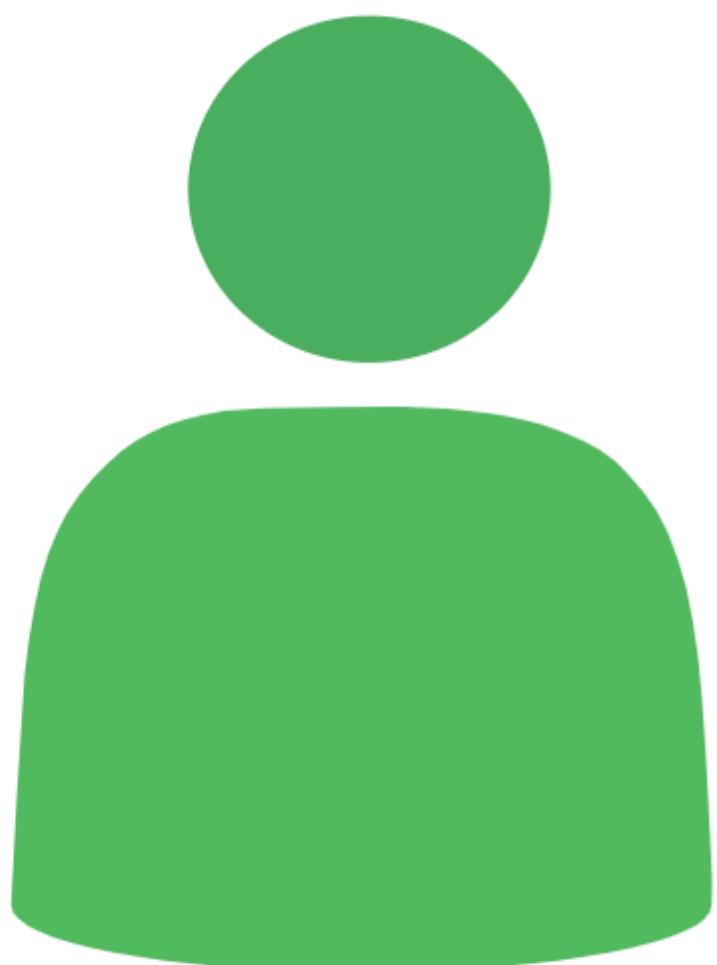


Dragonfly





Dragonfly

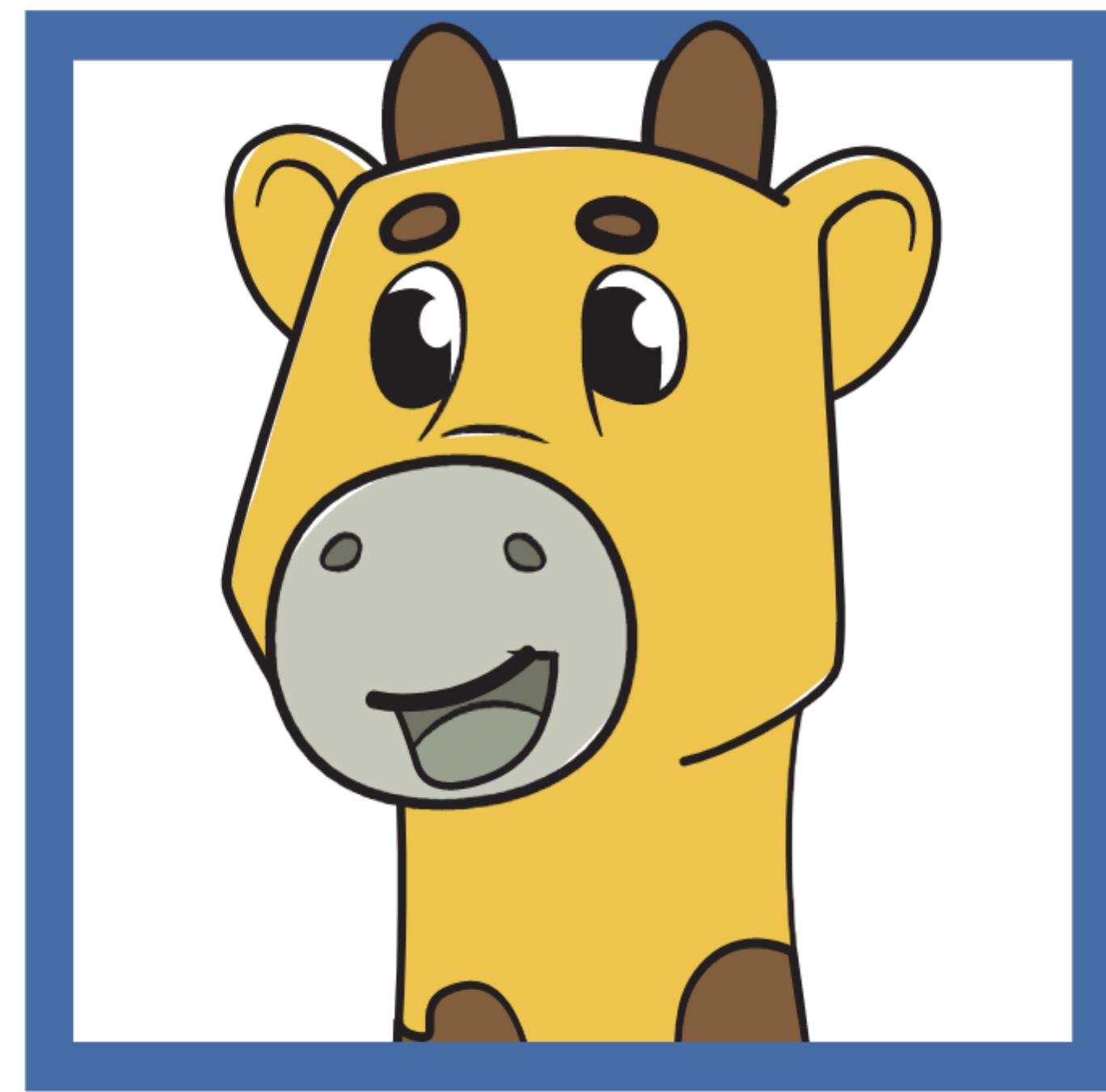




Dragonfly



cloudevents

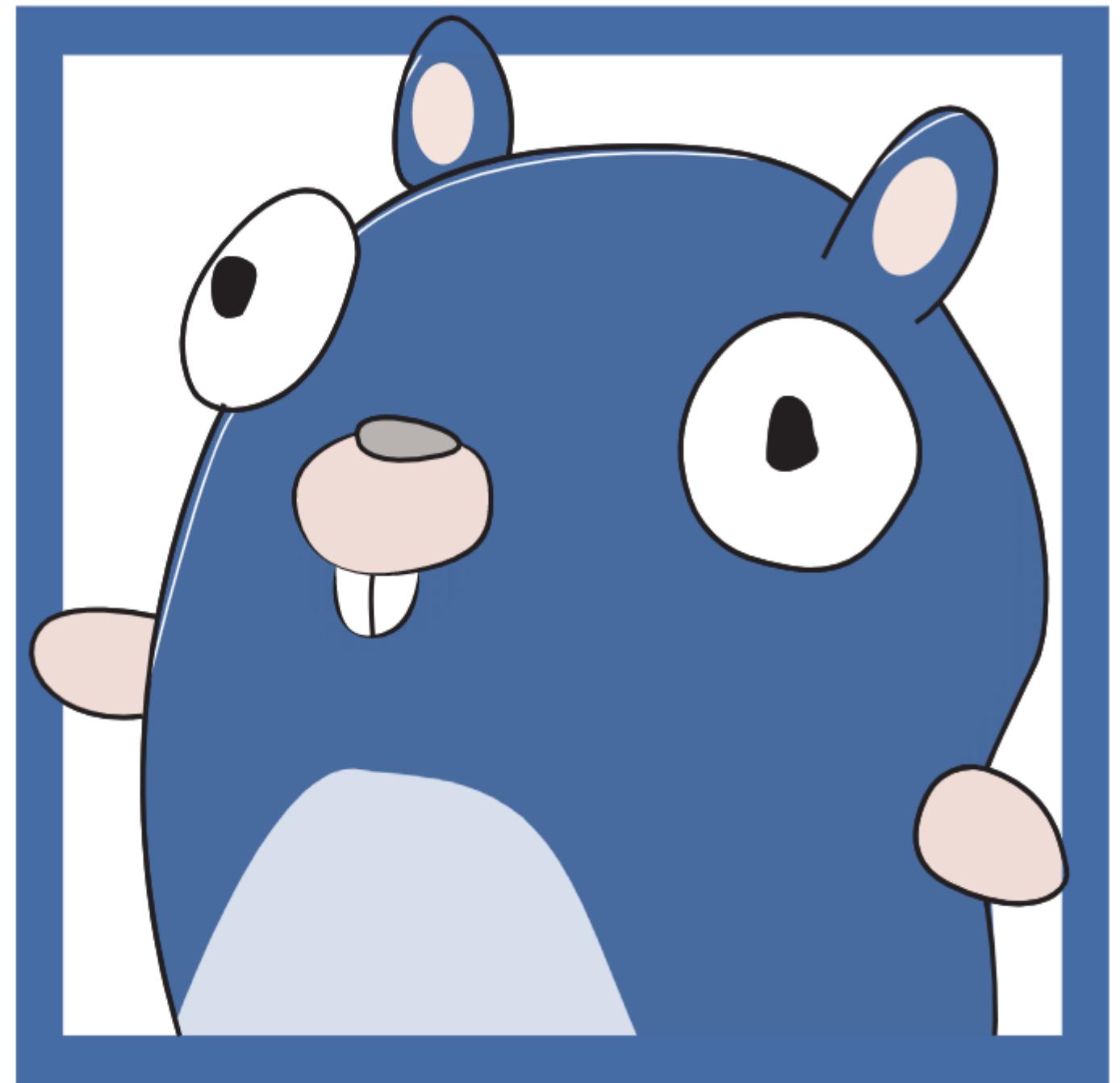
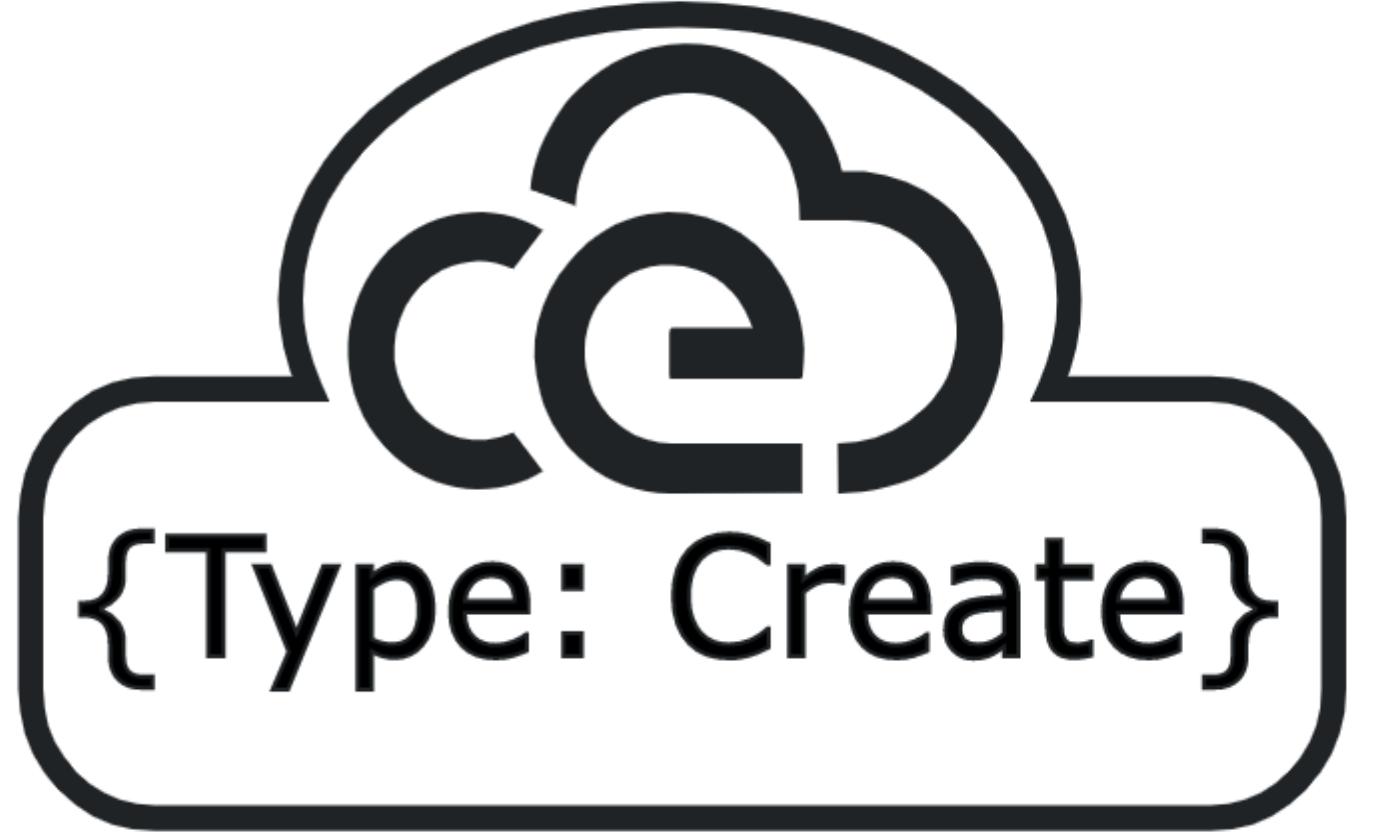
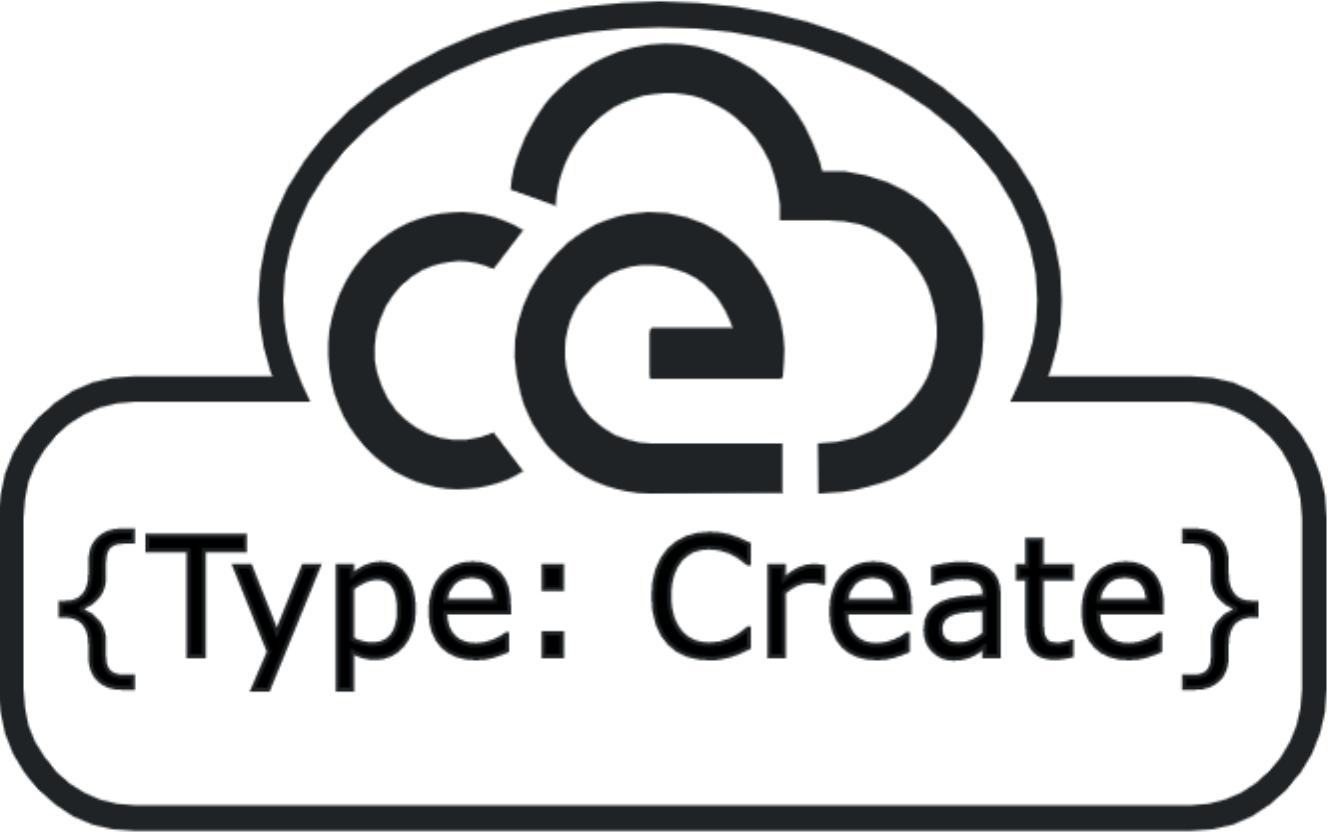
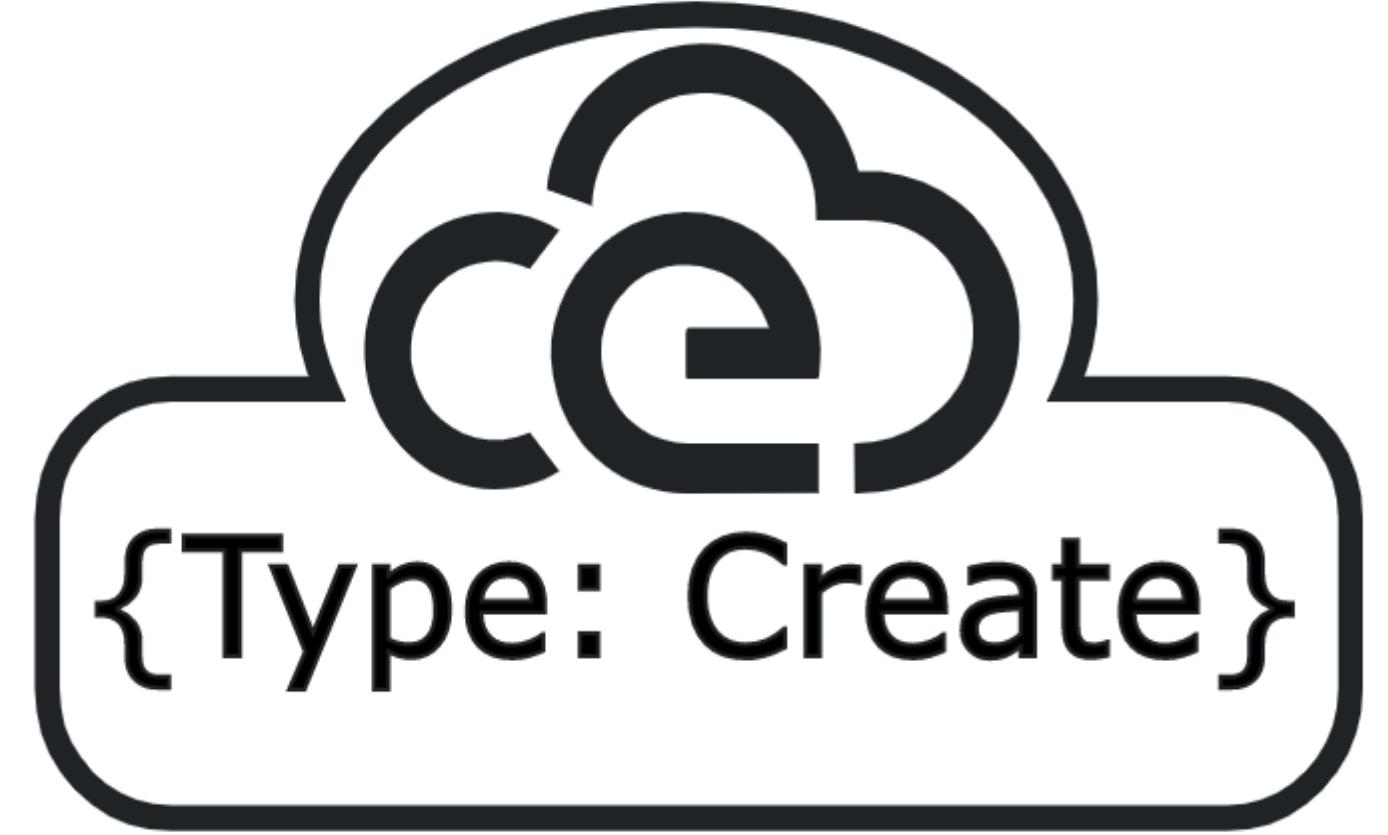


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{NEW}

{START}



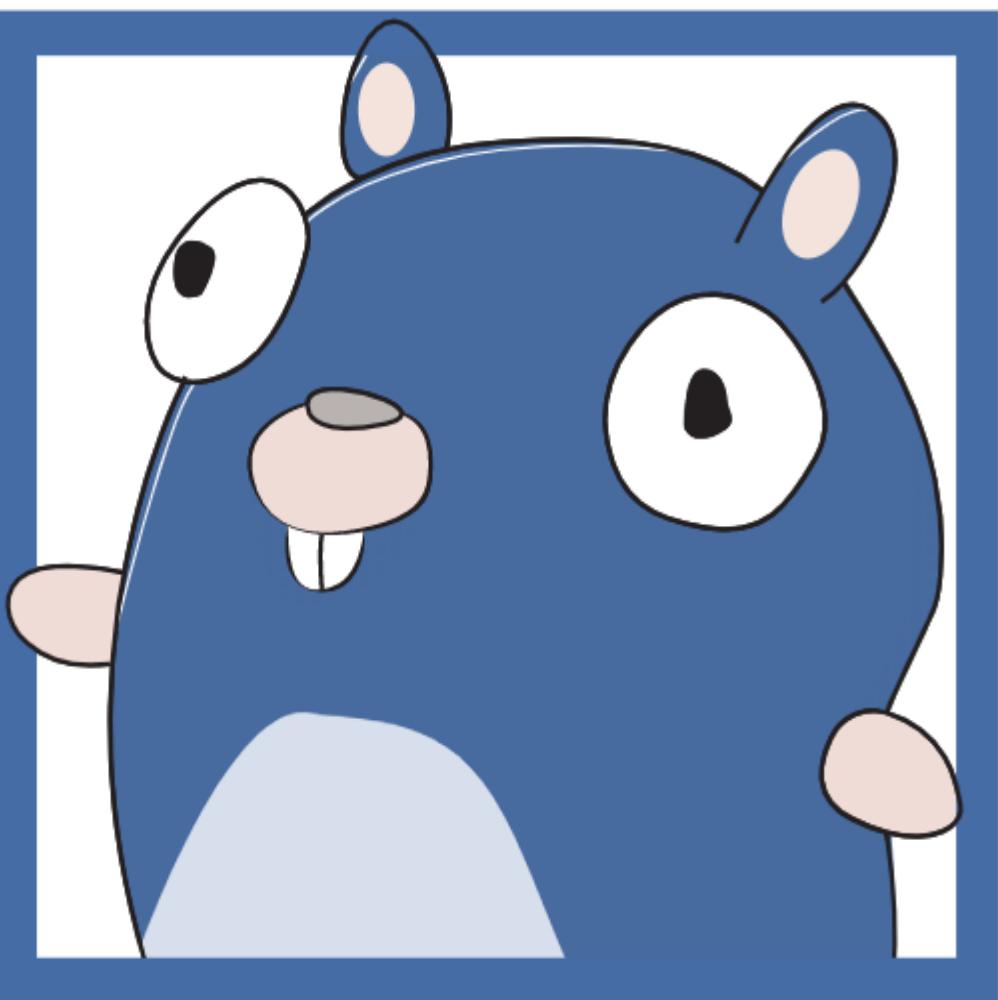




cloudevents

NATIS

INNATIS



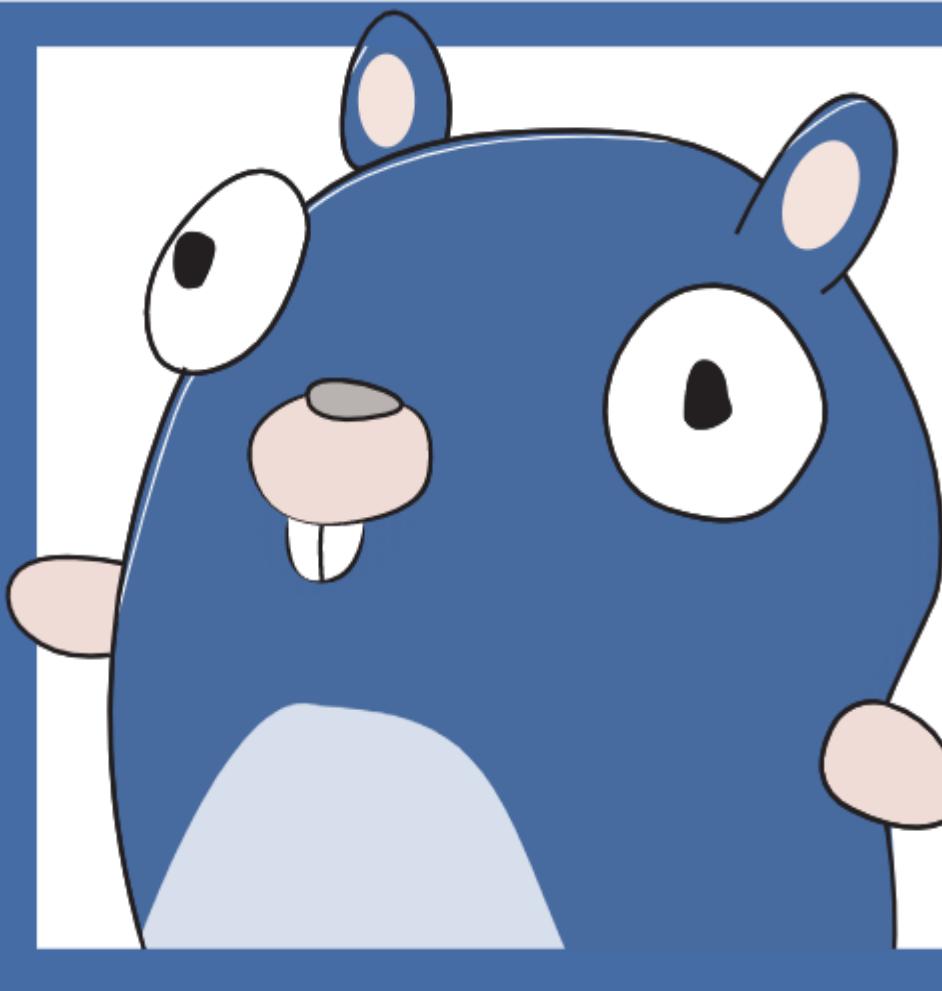
N

A

T

S

account

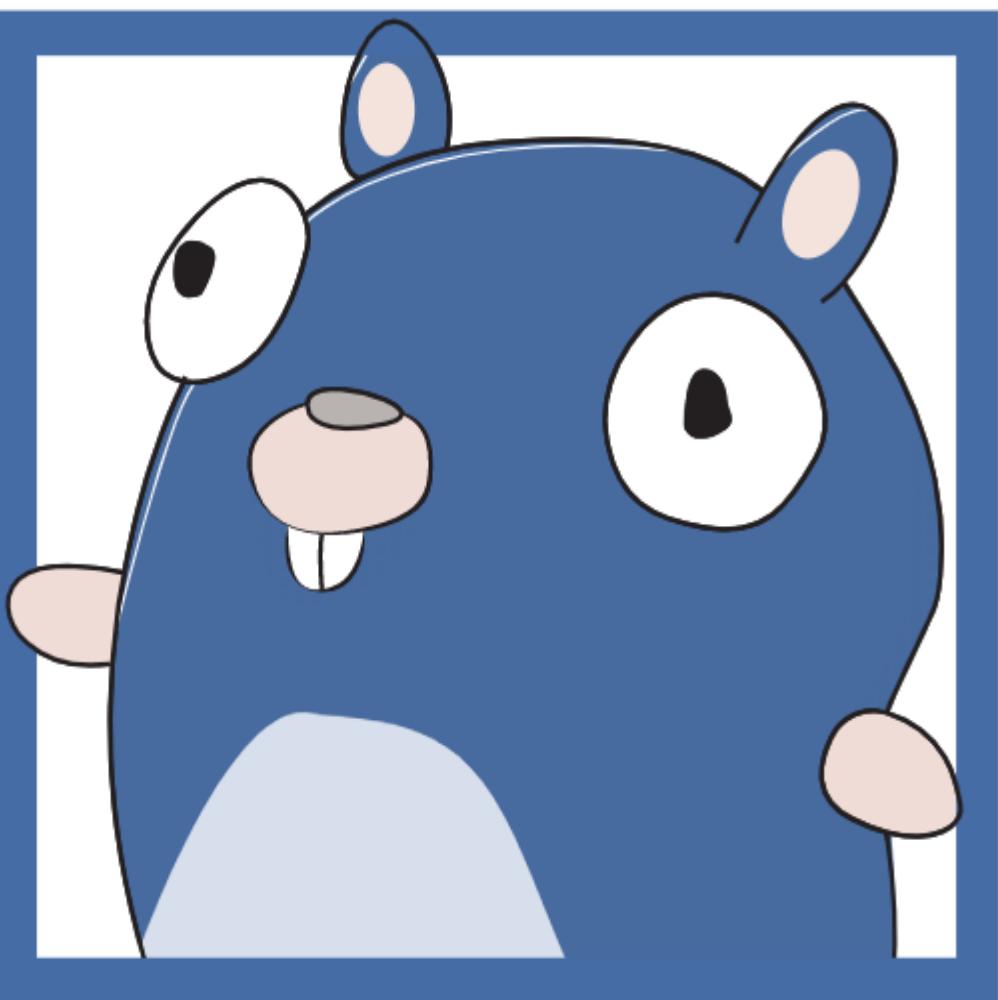


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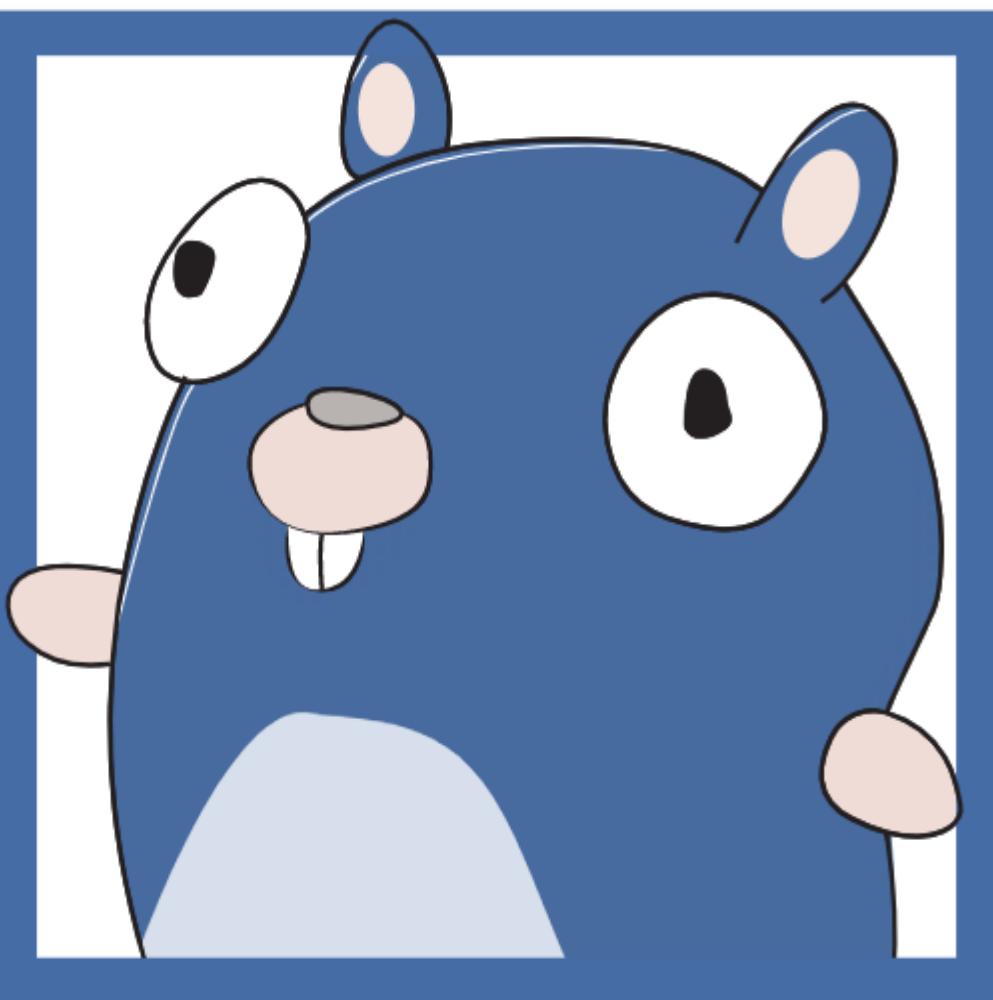
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INNATIS

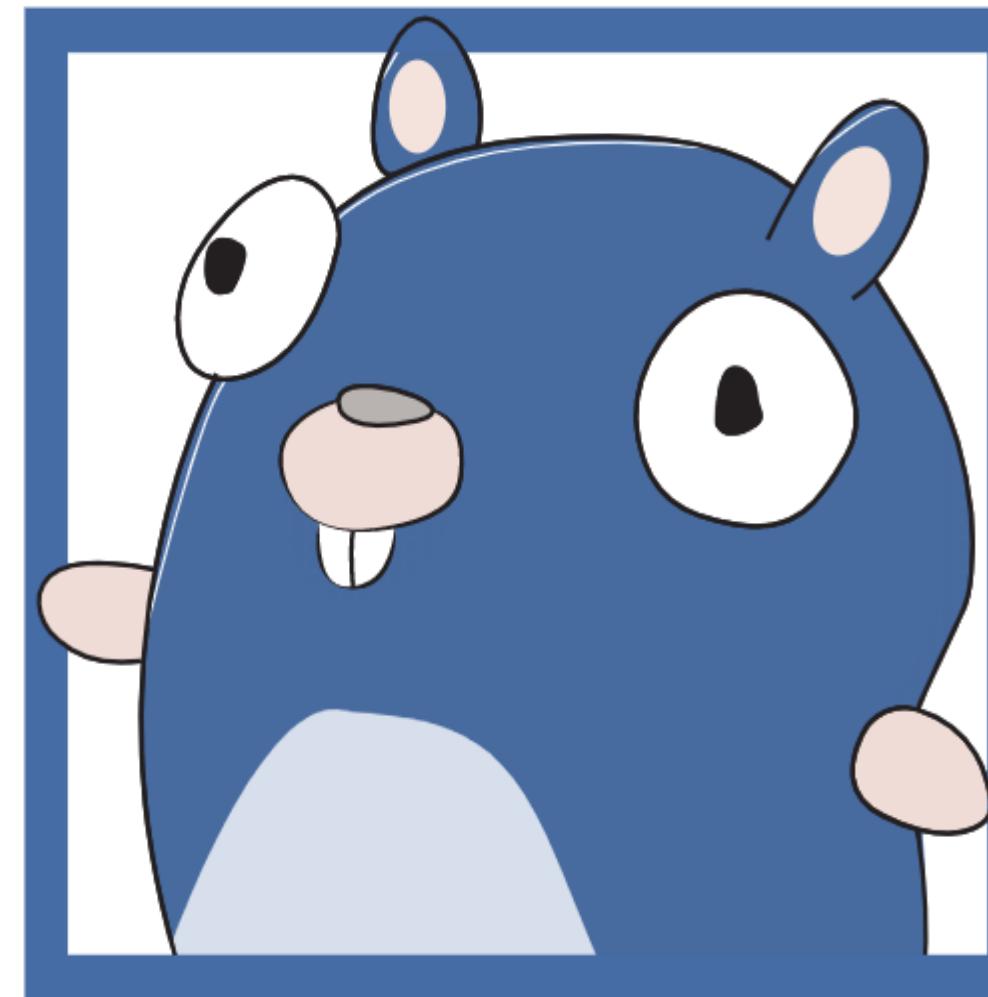


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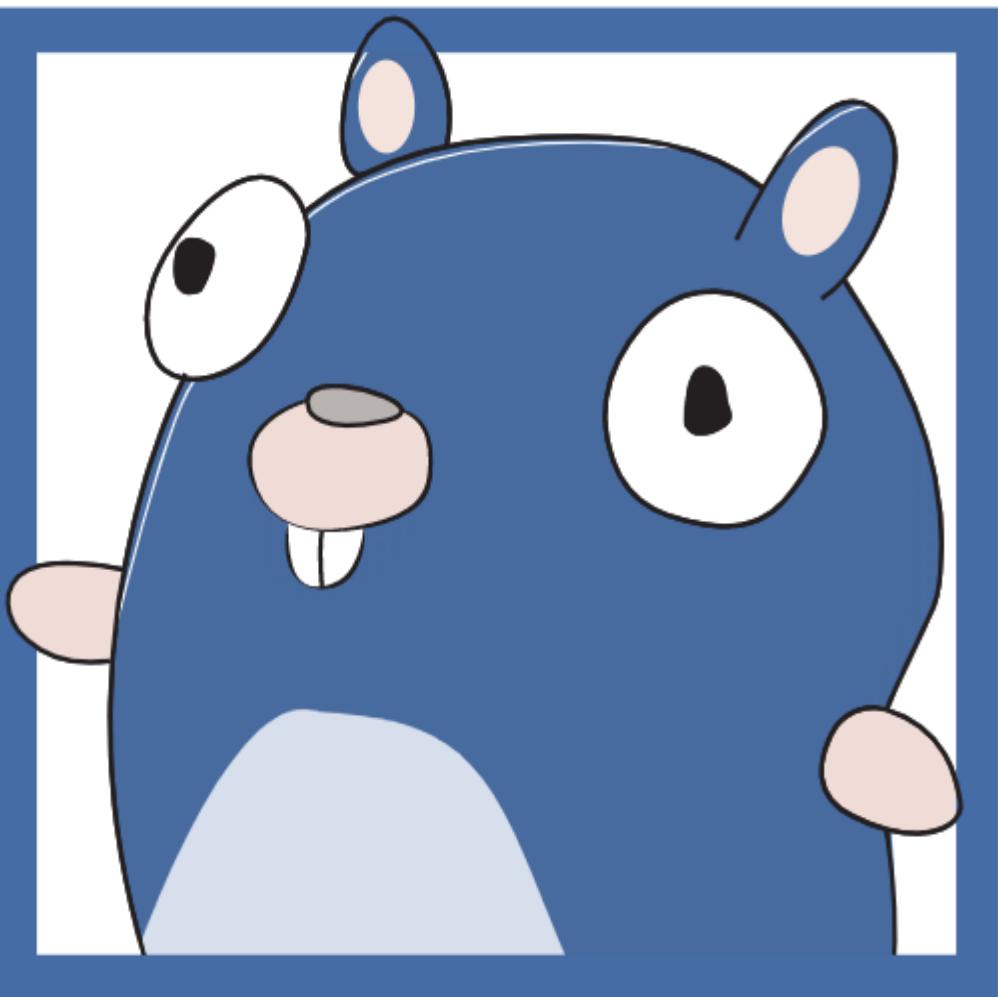


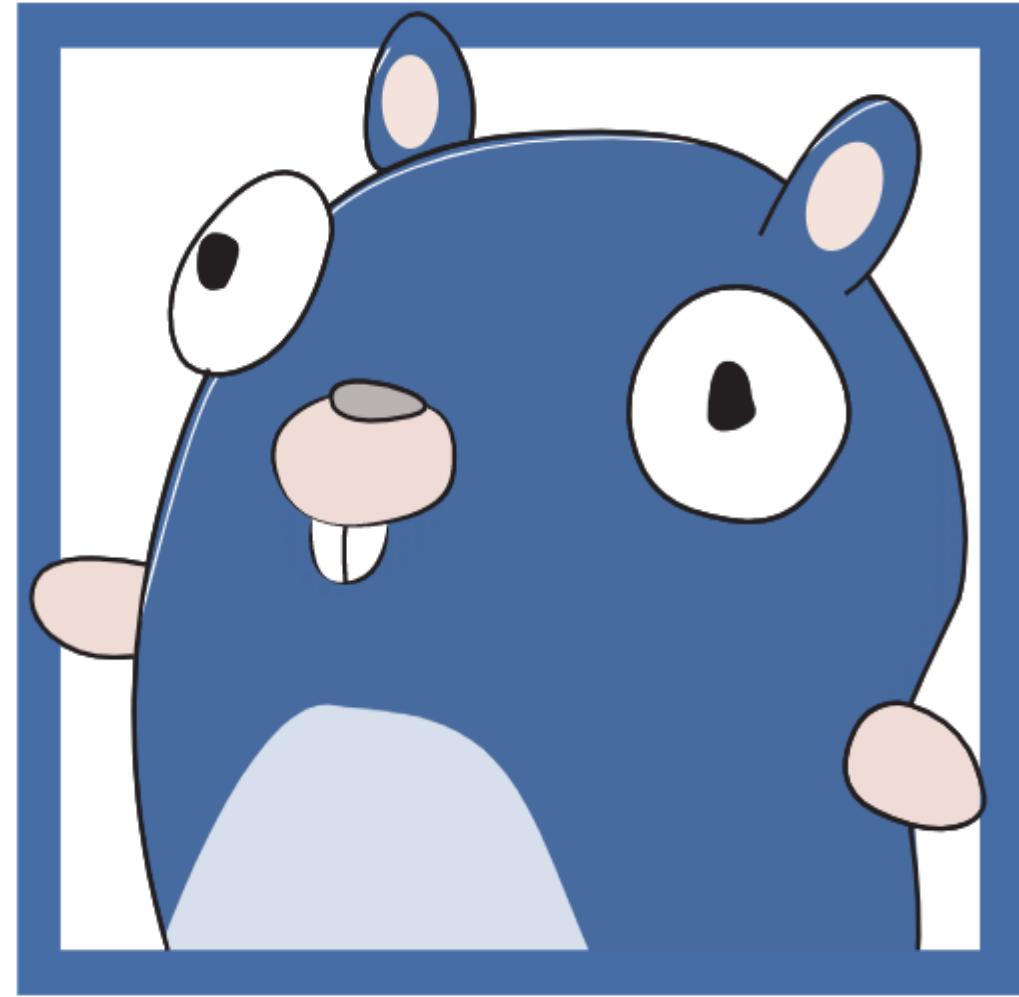
account

INNATIS



INNATIS





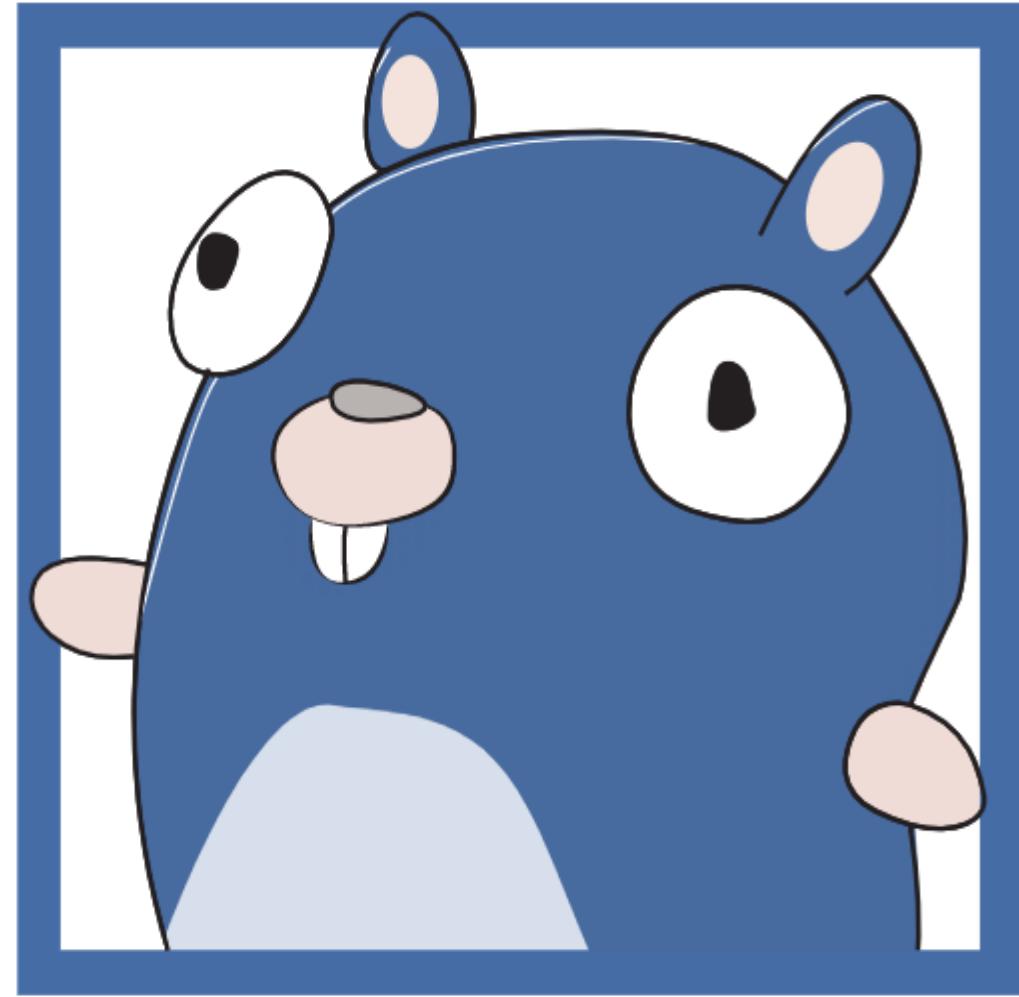
N

A large, stylized letter 'N' is centered on a light blue speech bubble. The bubble has a white outline and a slight shadow at the bottom, giving it a three-dimensional appearance.



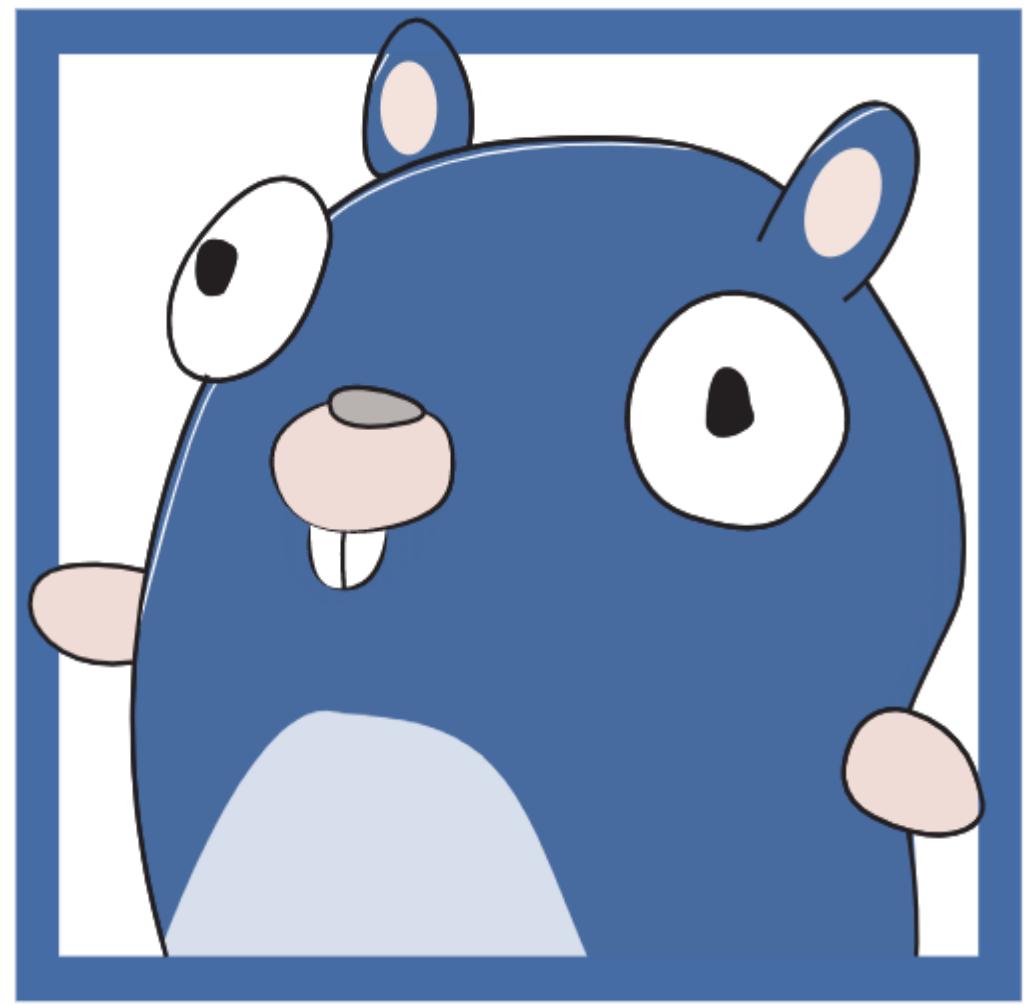
N

A large, stylized letter 'N' is centered on a light blue rectangular background. The letter is white with a slight shadow, giving it a three-dimensional appearance.



N

A large, stylized letter 'N' is centered on a light blue speech bubble. The bubble has a white outline and a slight shadow at the bottom right corner.

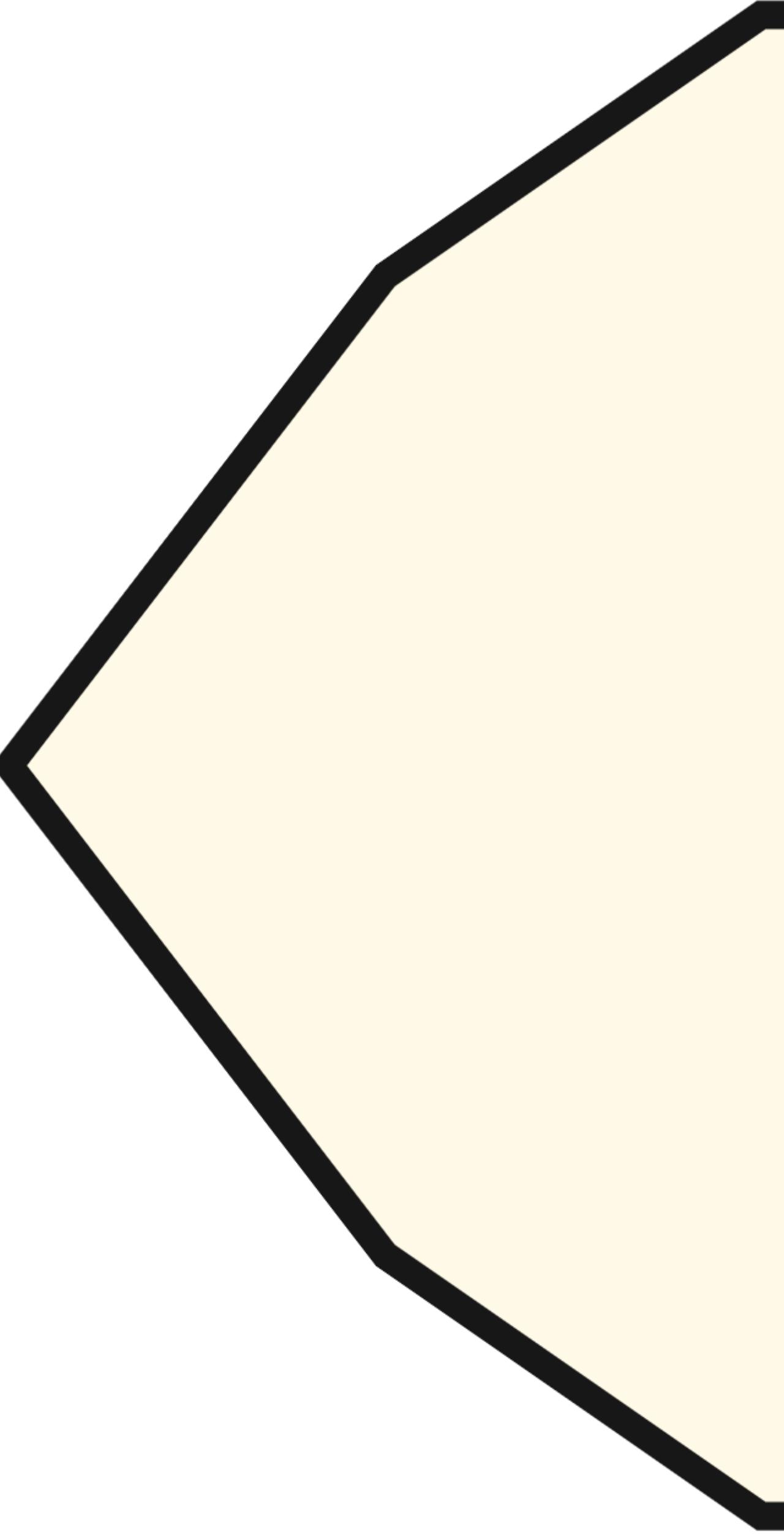








NATIS



NATS







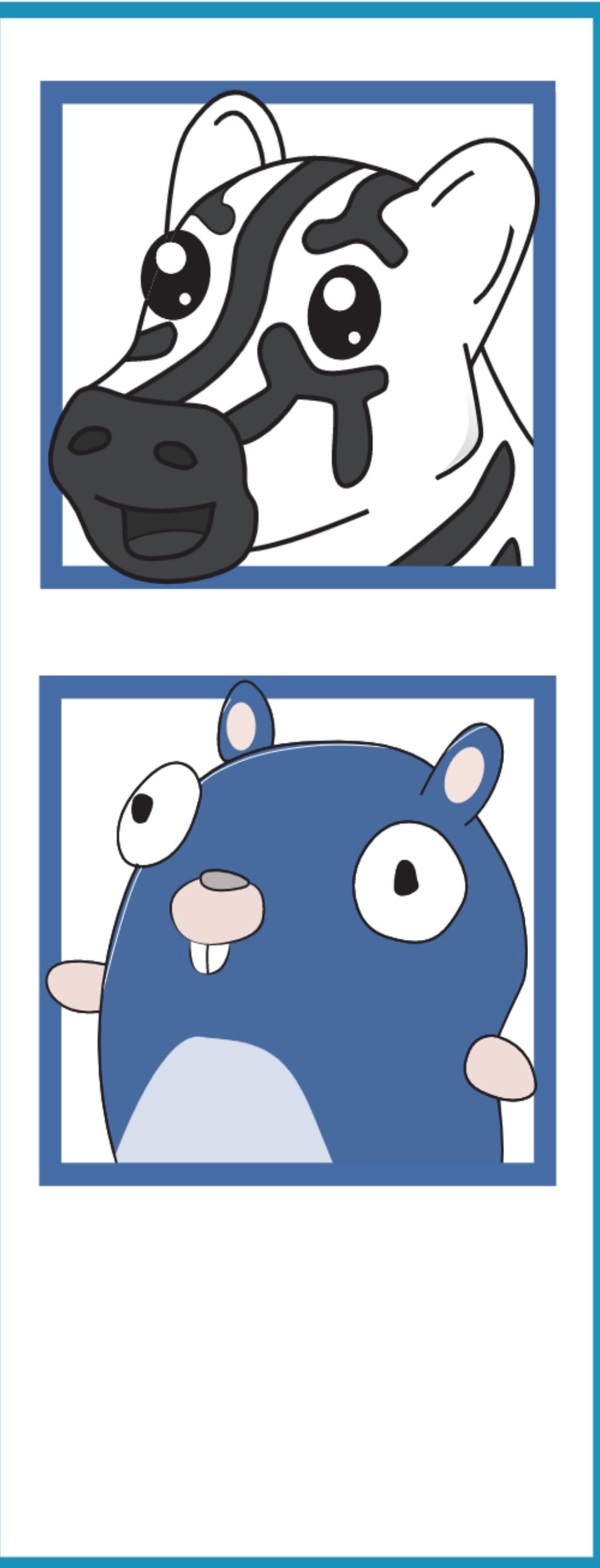


spiffe

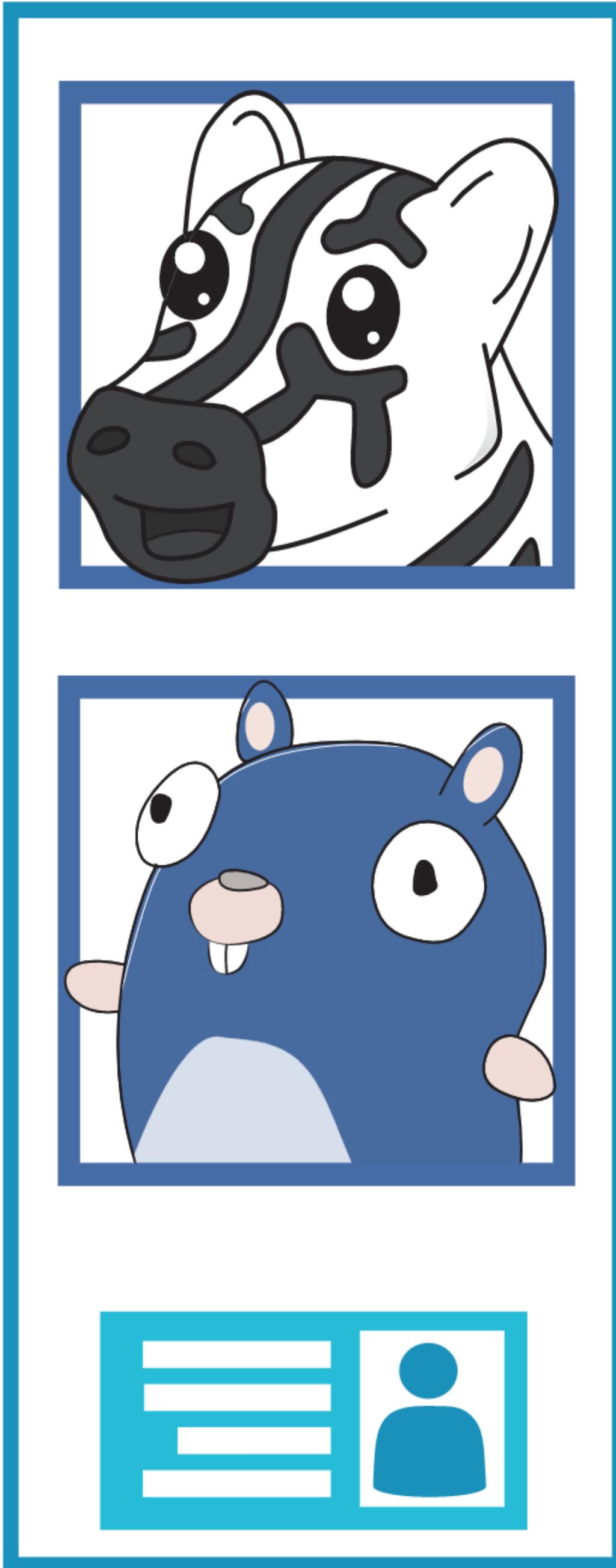


spiffe

spiffe



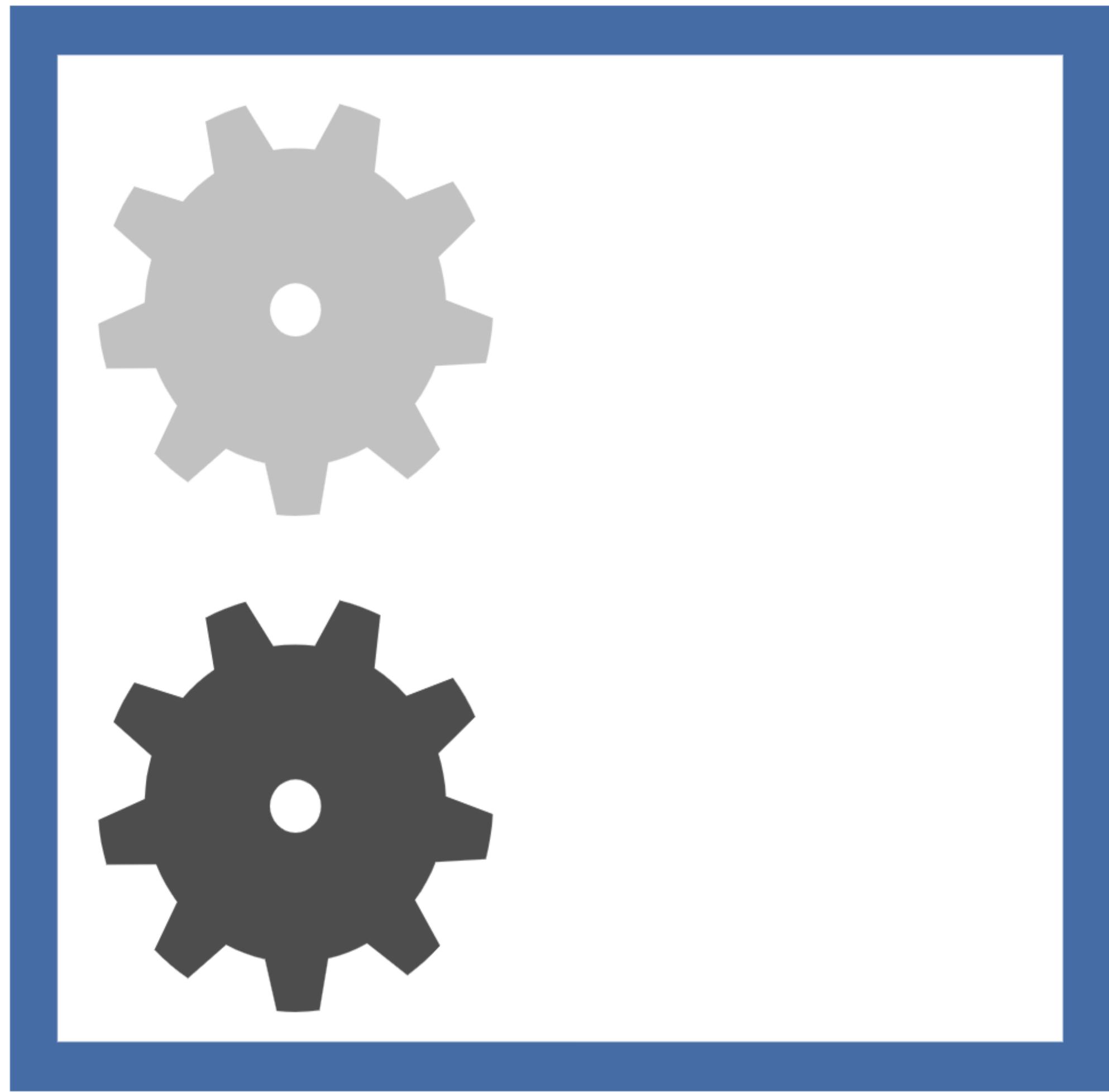
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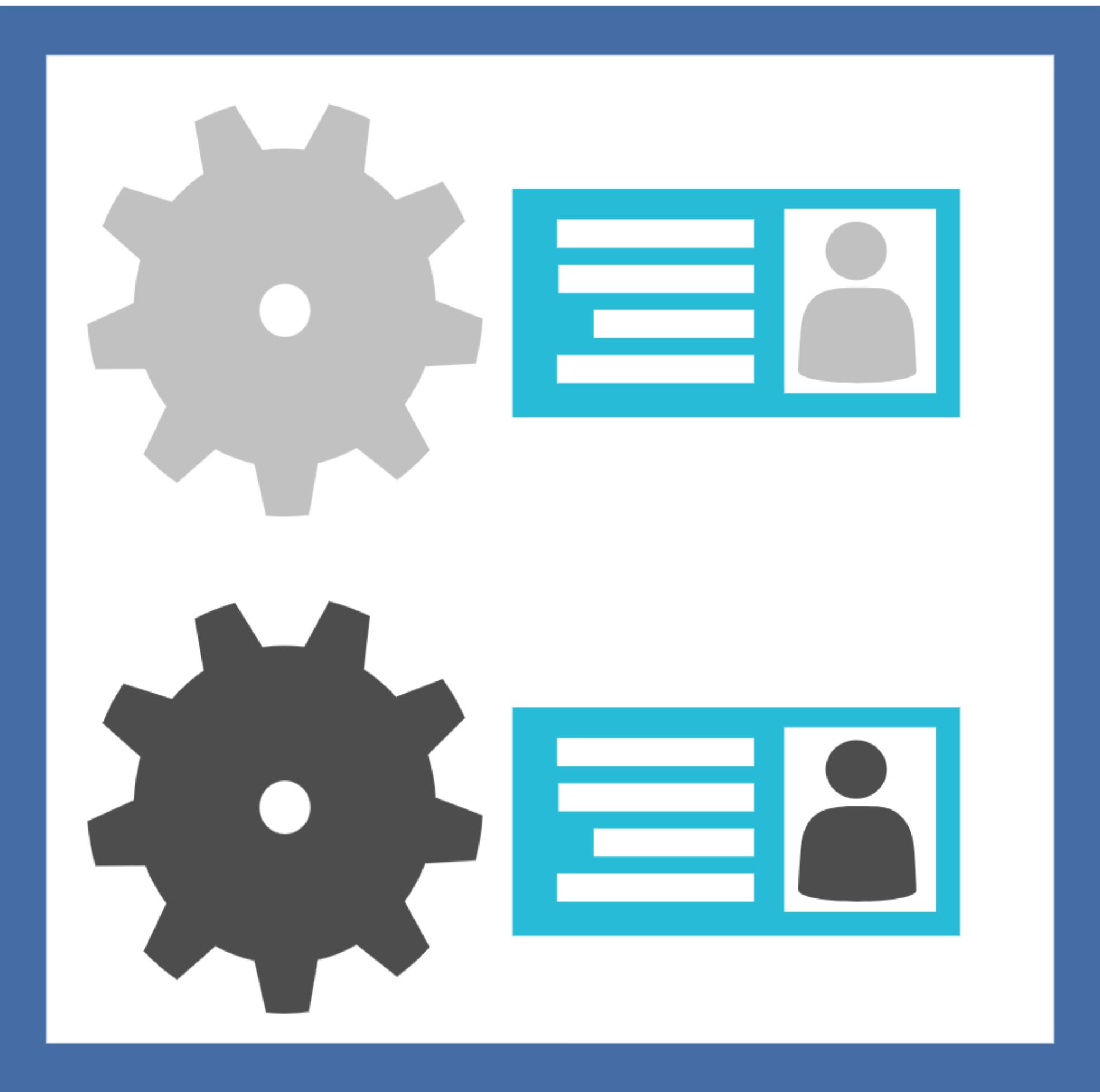
spiffe



spiffe



spiffe





spiffe



SPIRE

spiffe



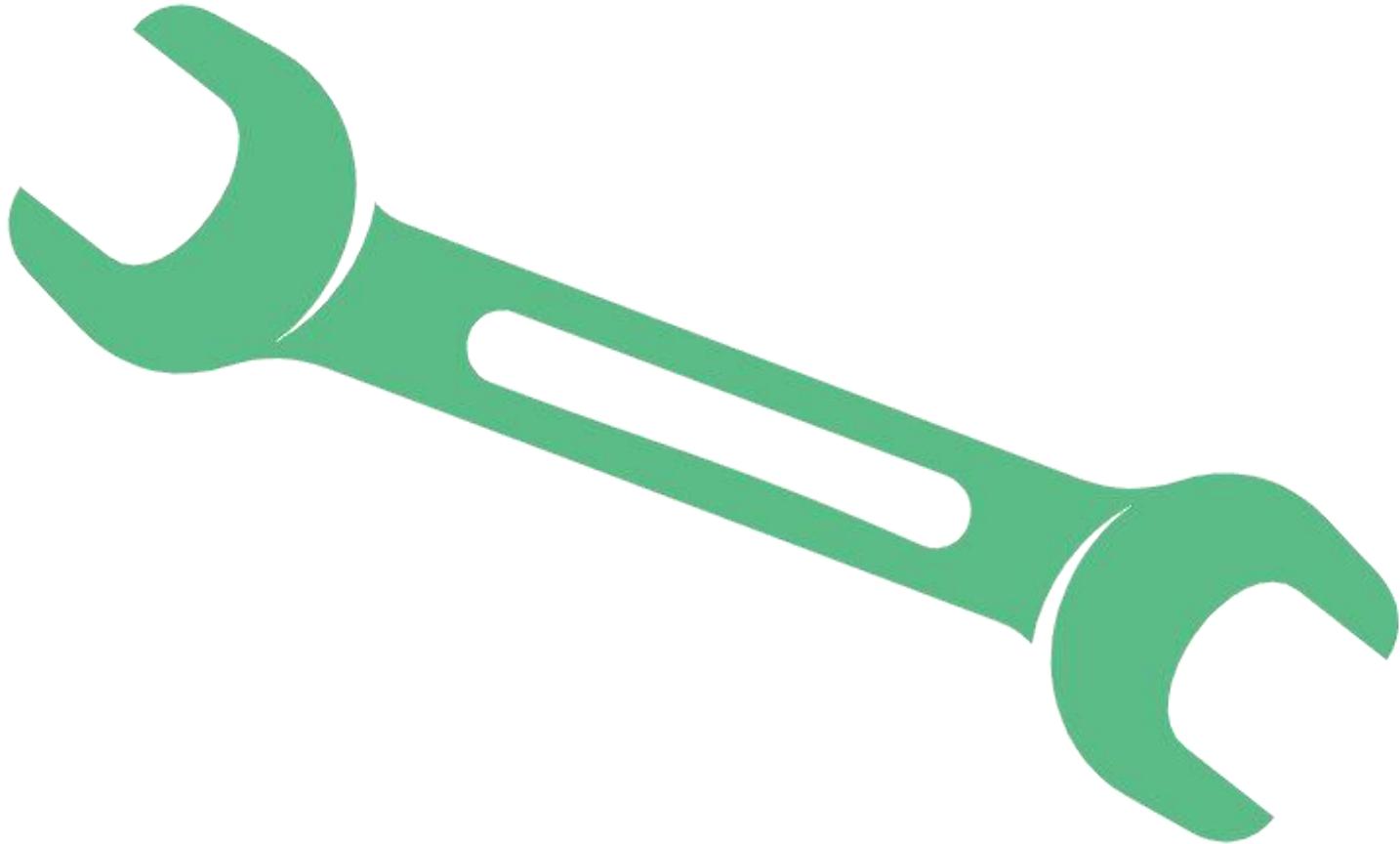
SPIRE





SPIRE

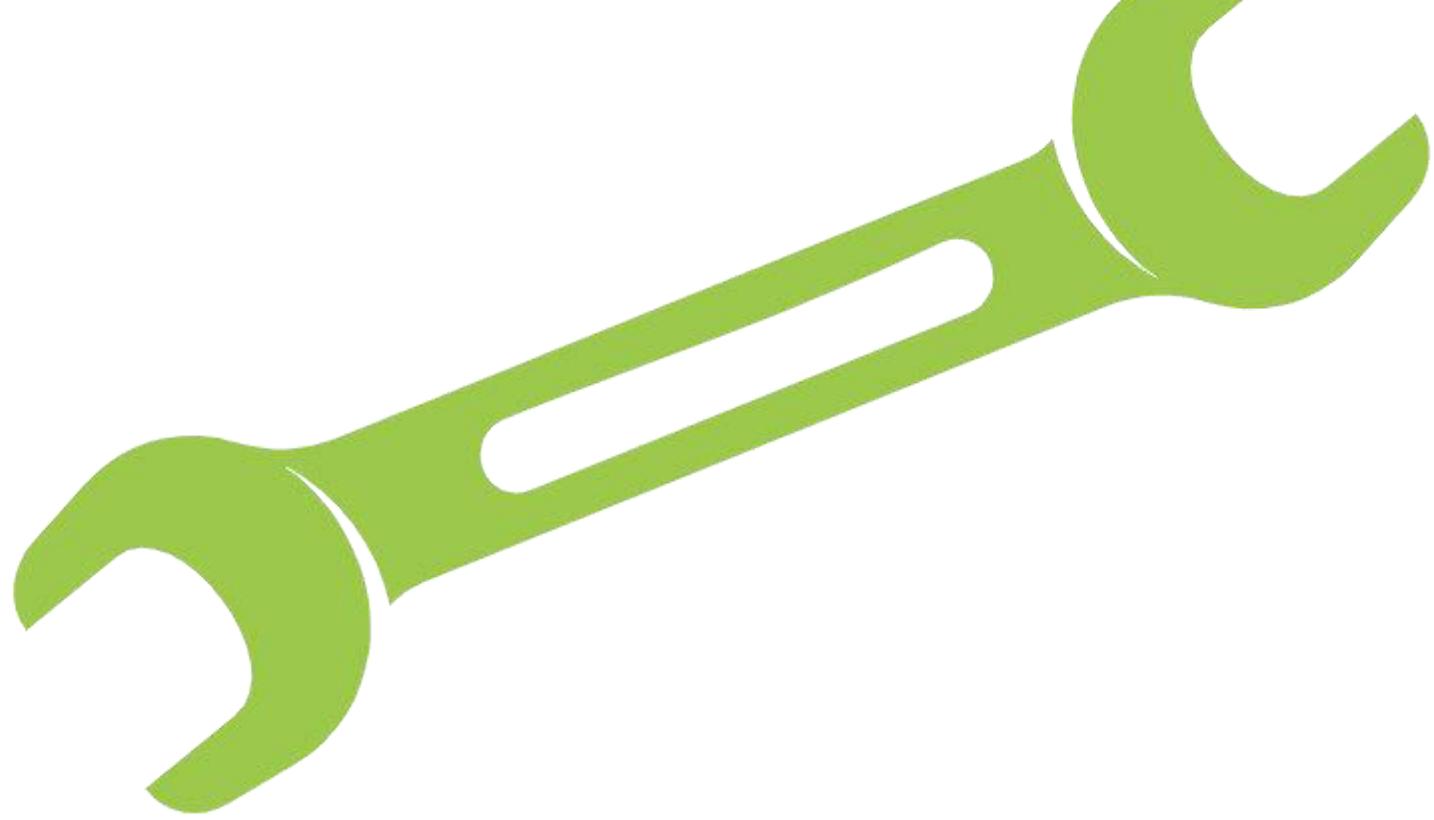




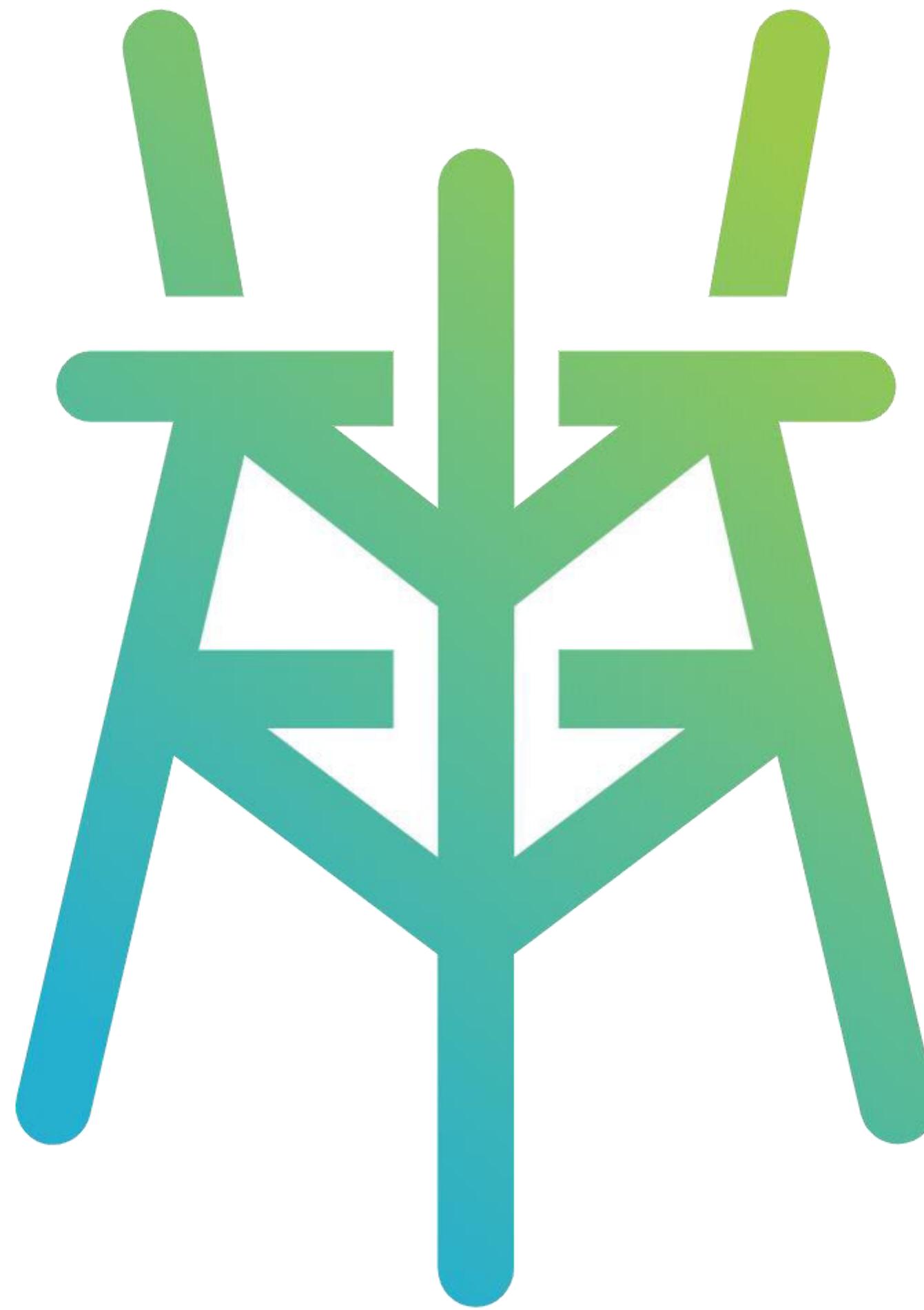
Spire Agent



SPIRE



Spire Server

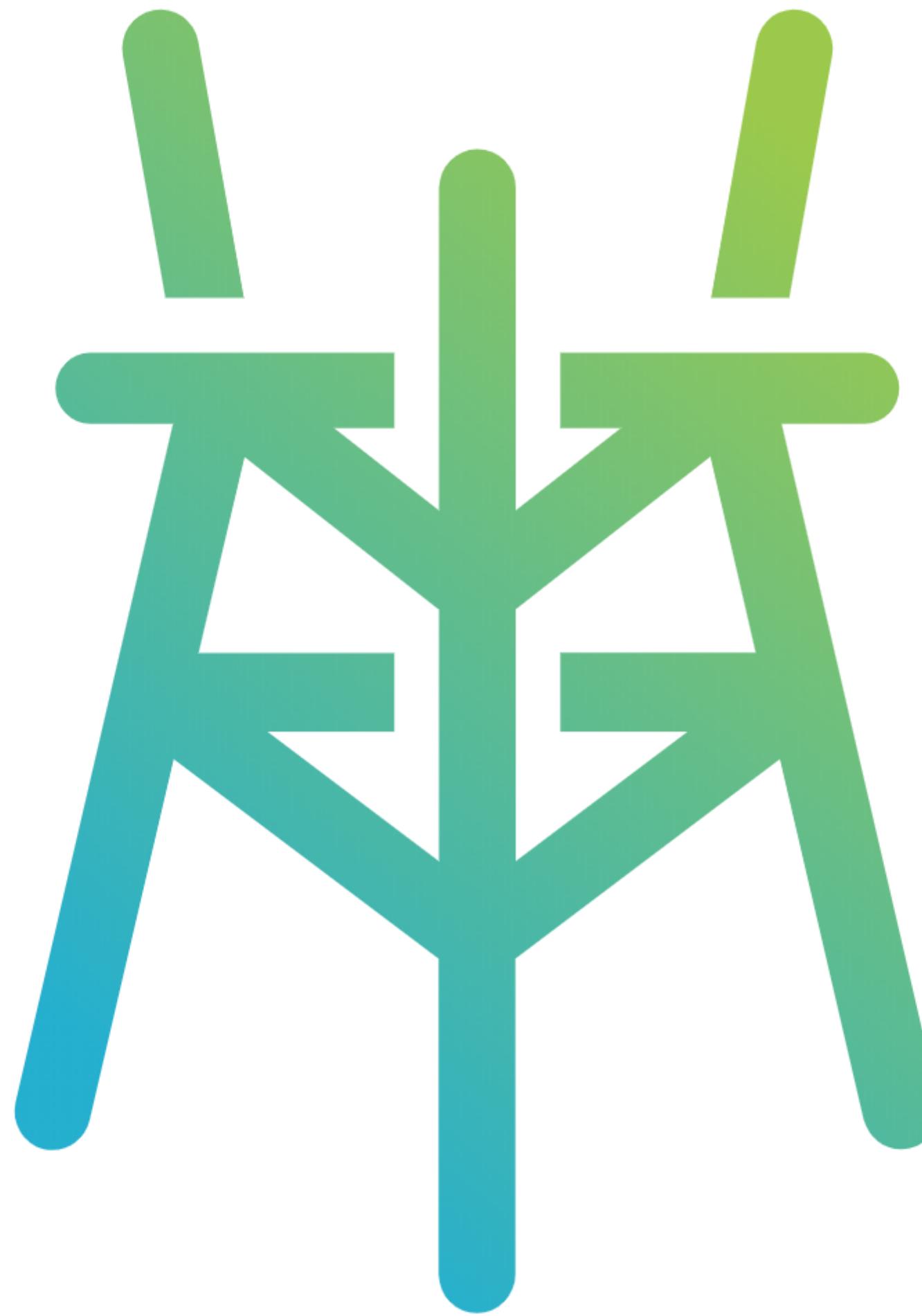


SPIRE

spiffe



SPIRE

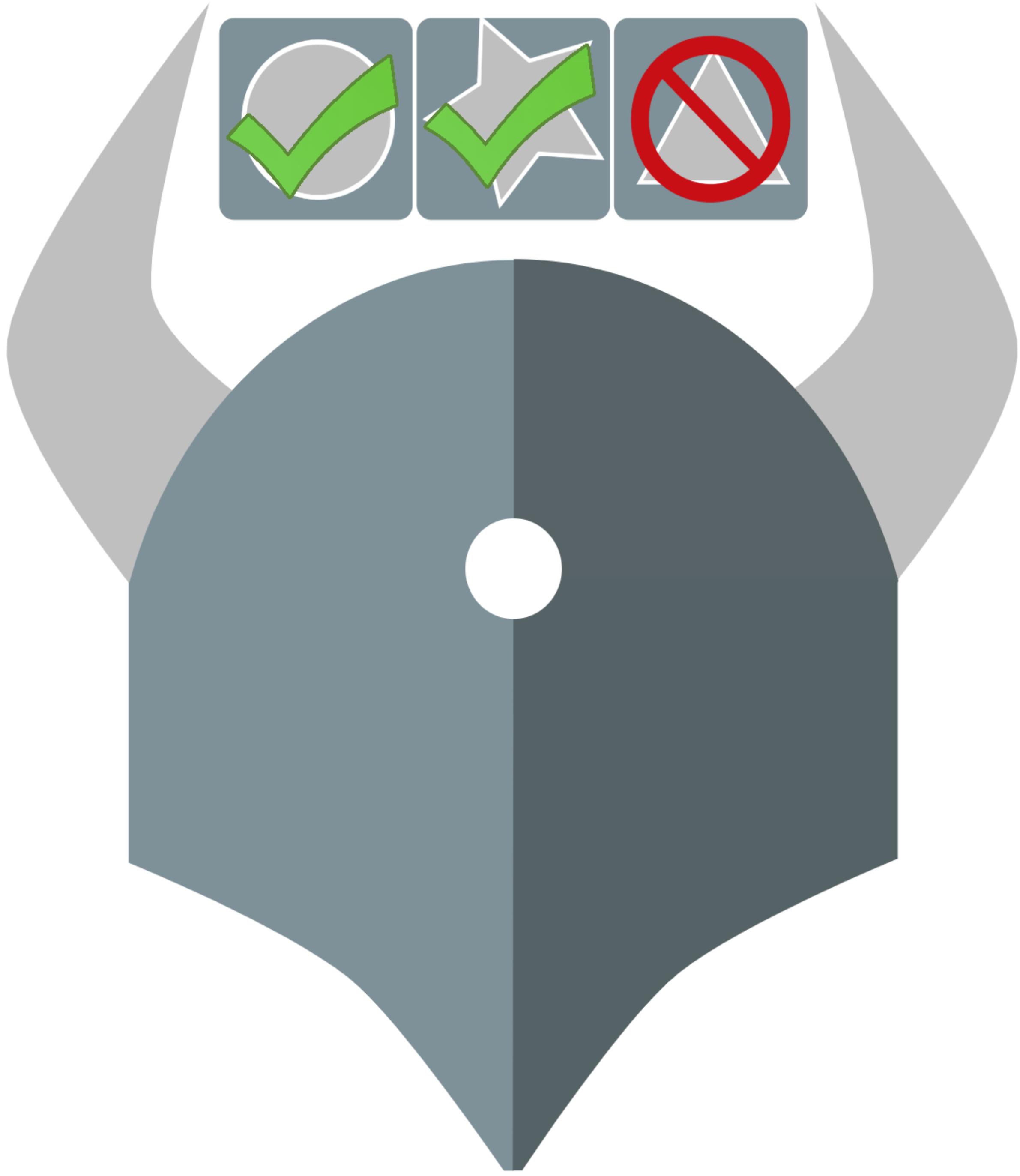
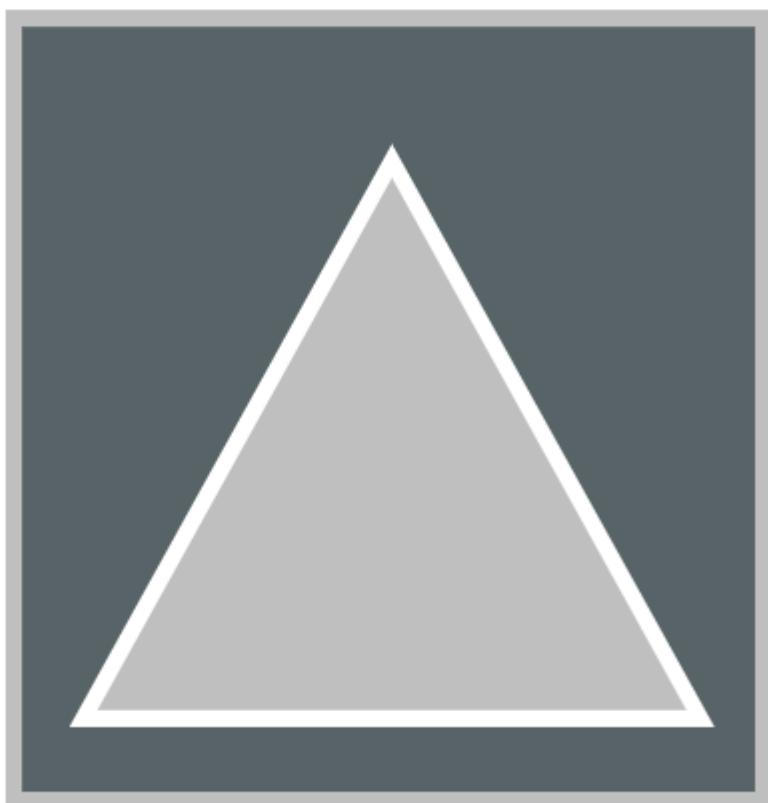
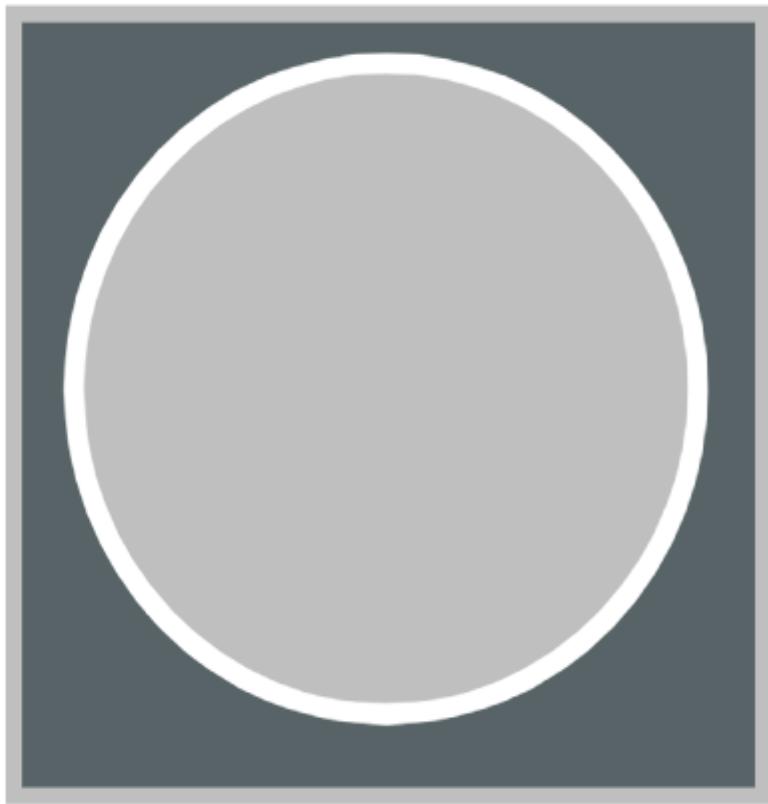


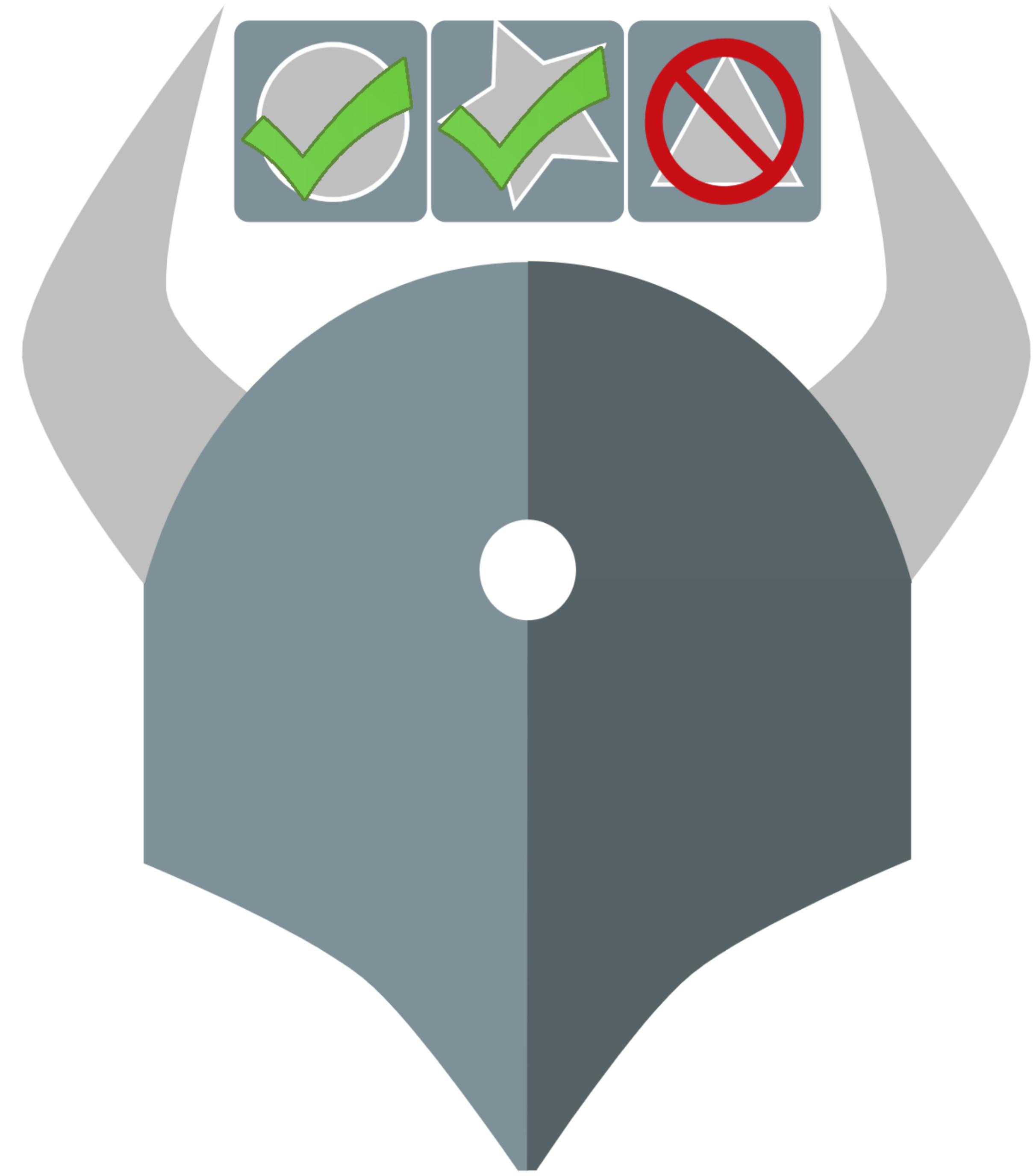
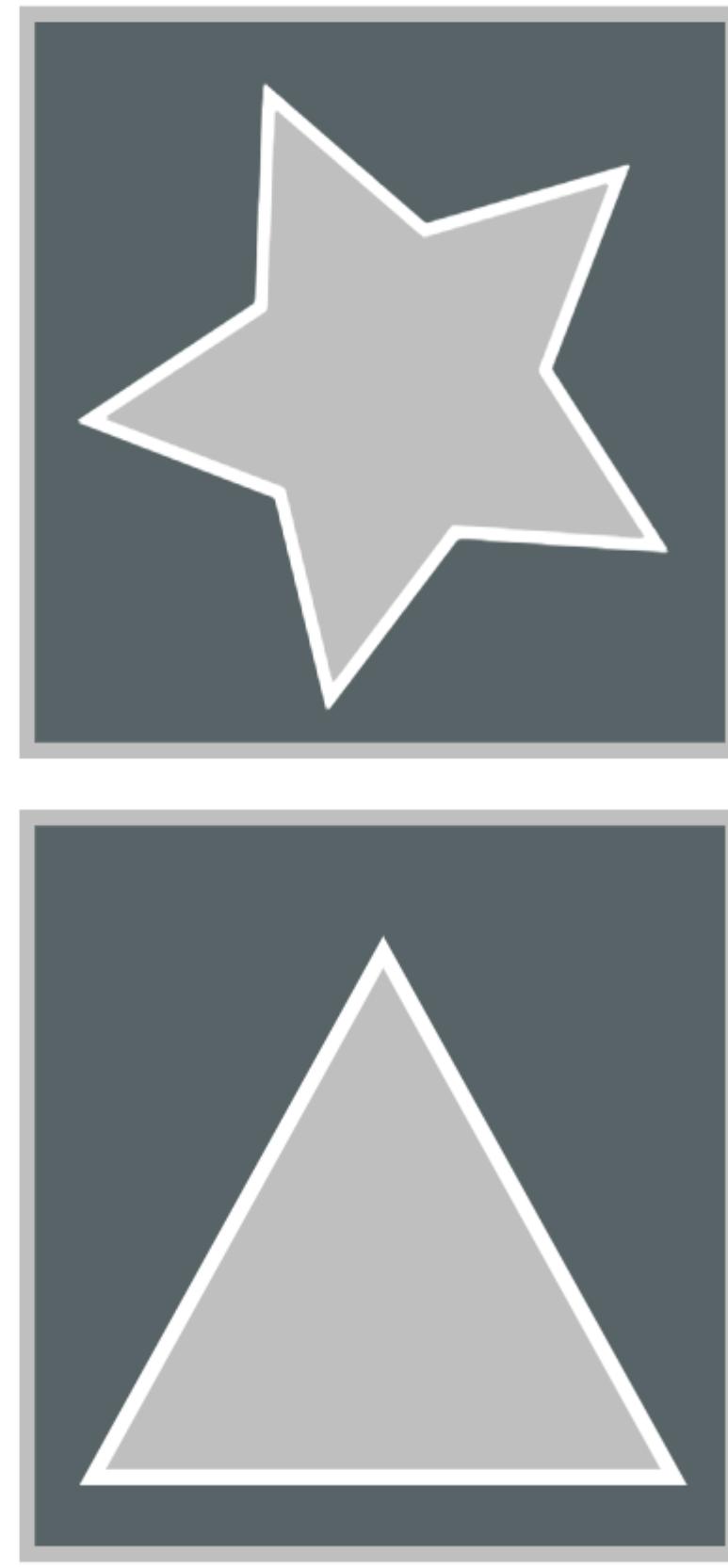


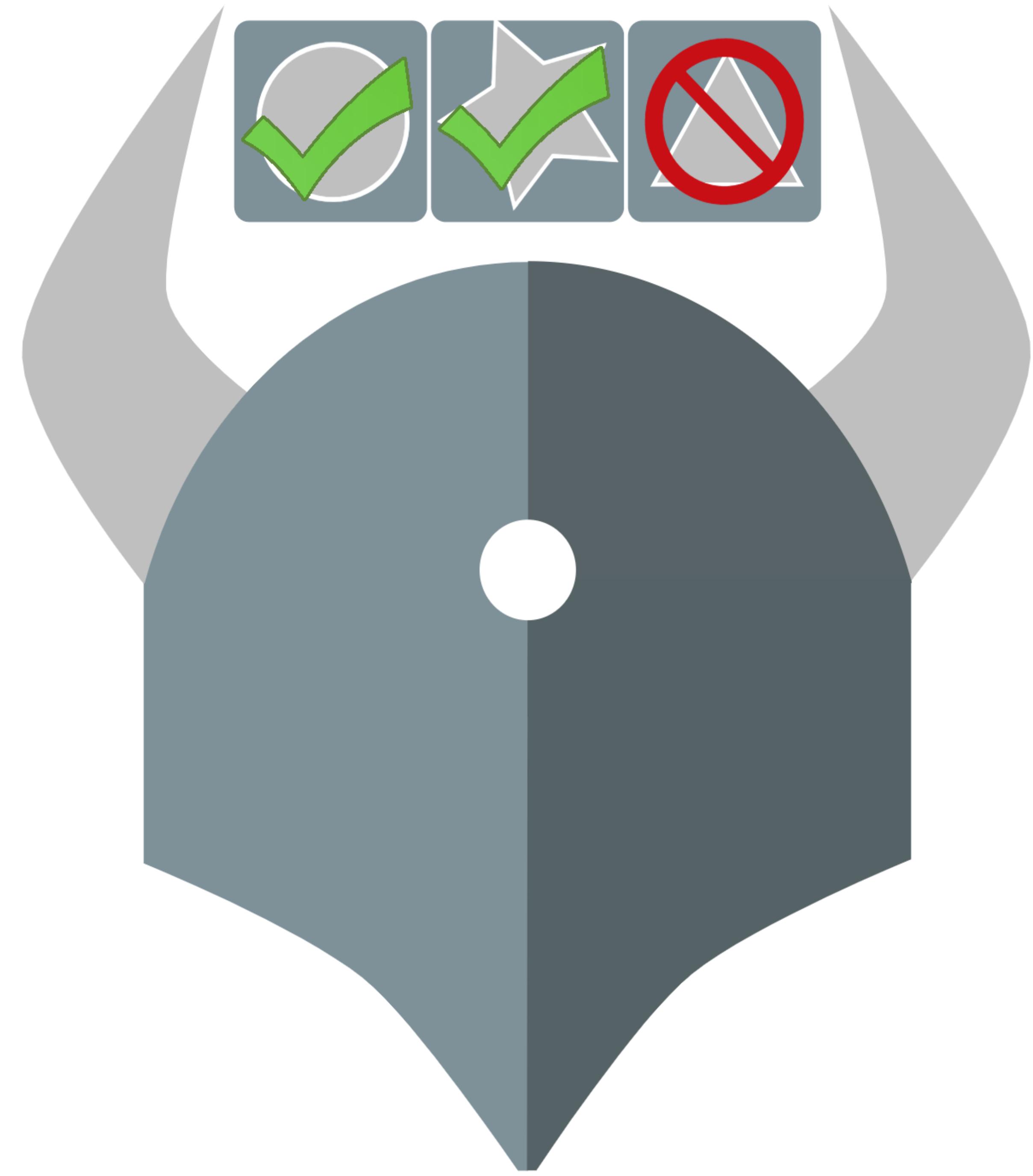
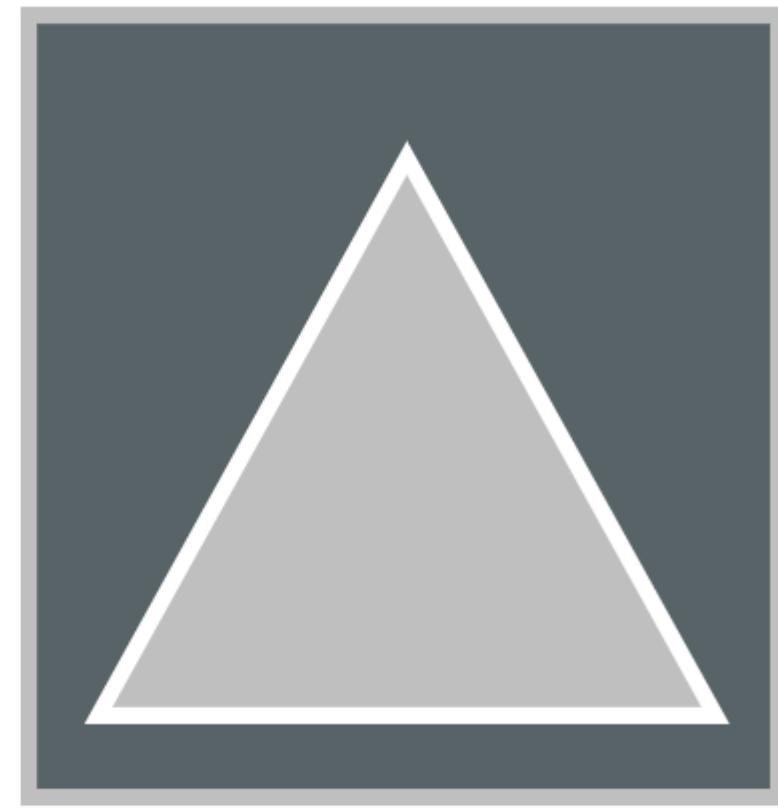
Open Policy Agent

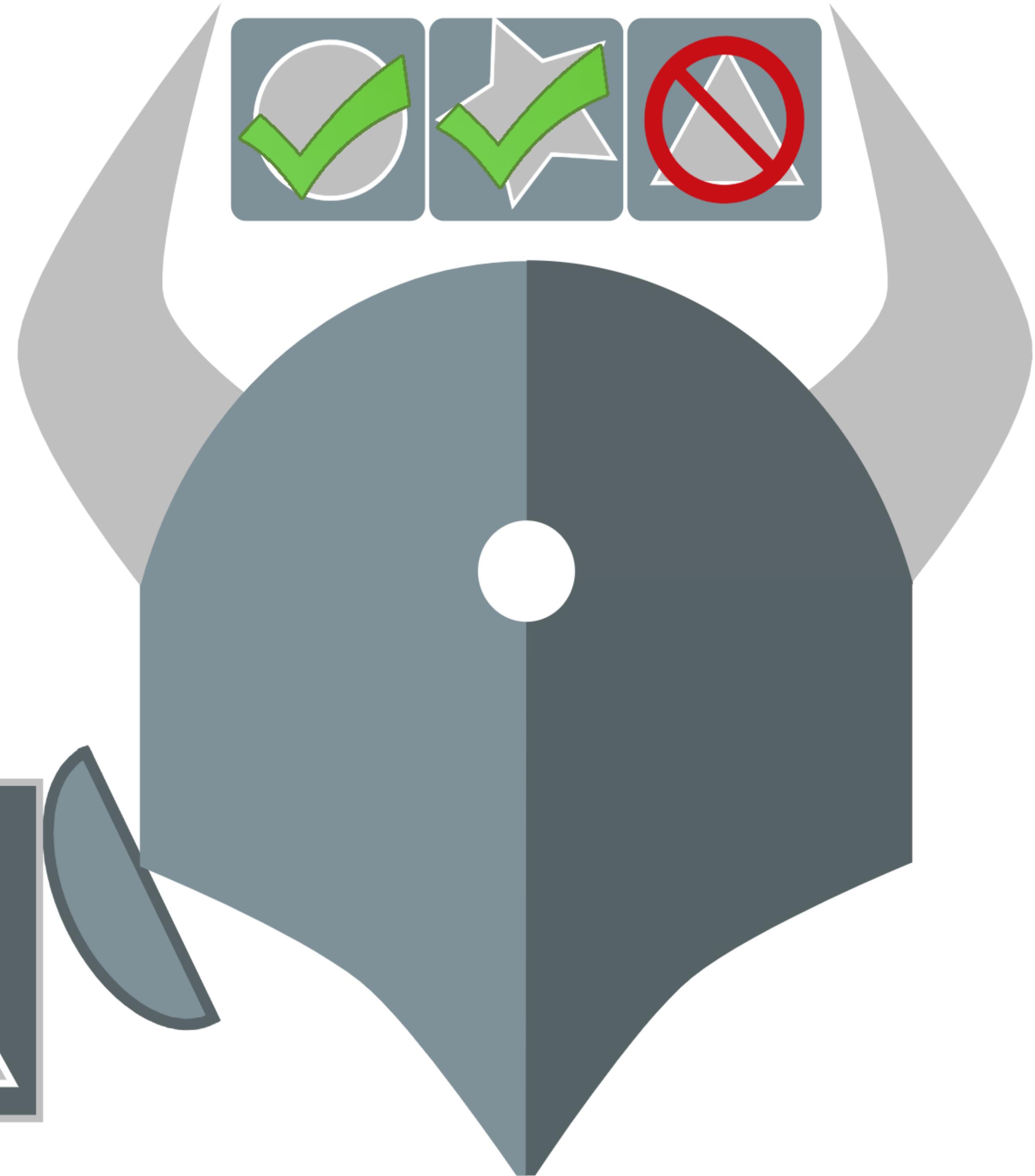
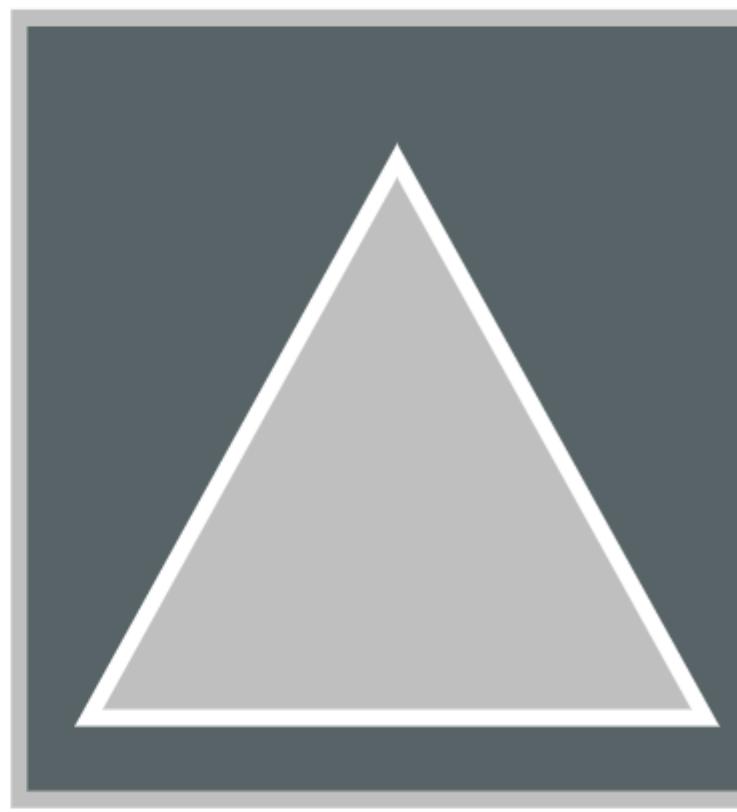


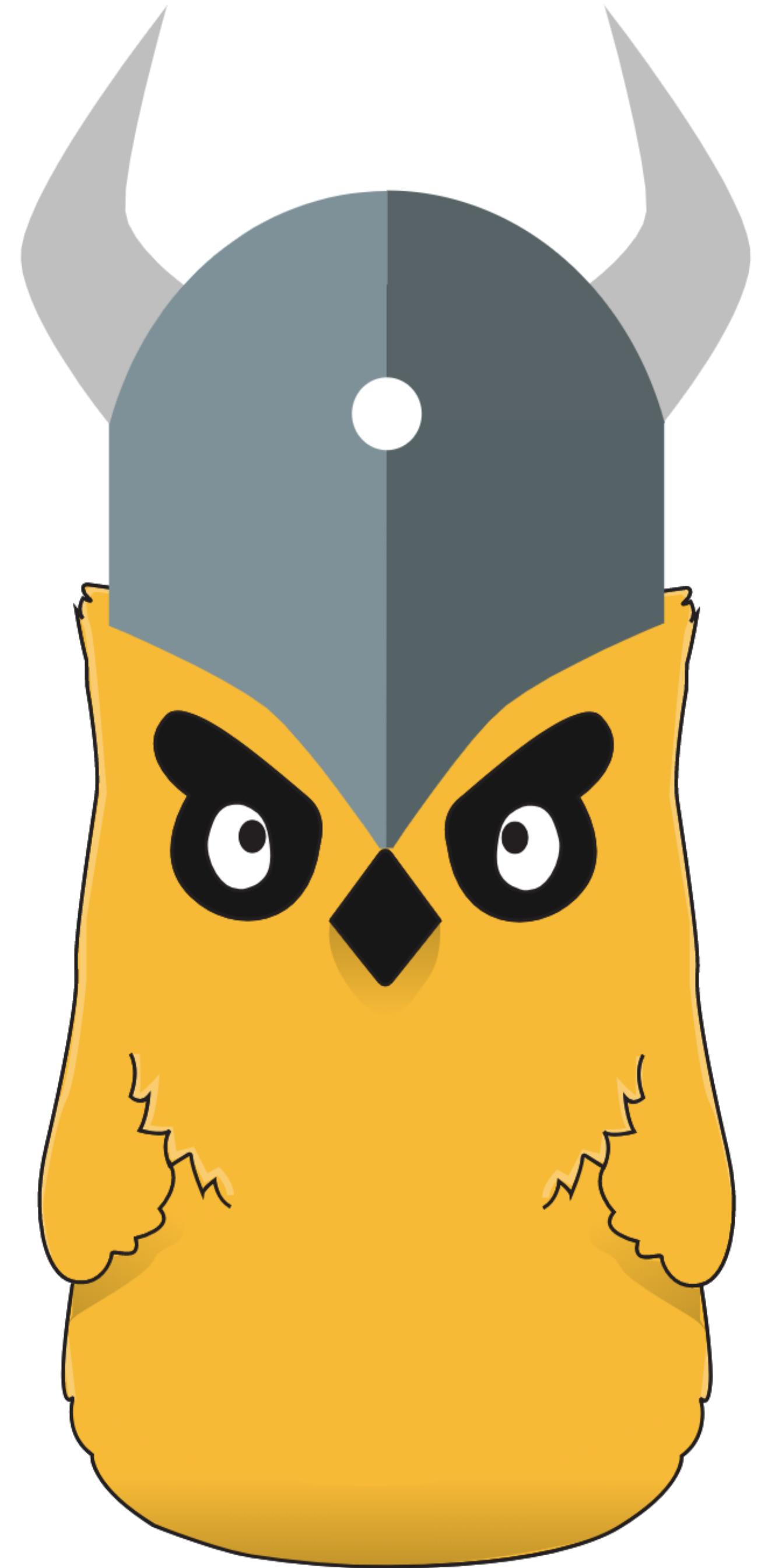














Open Policy Agent

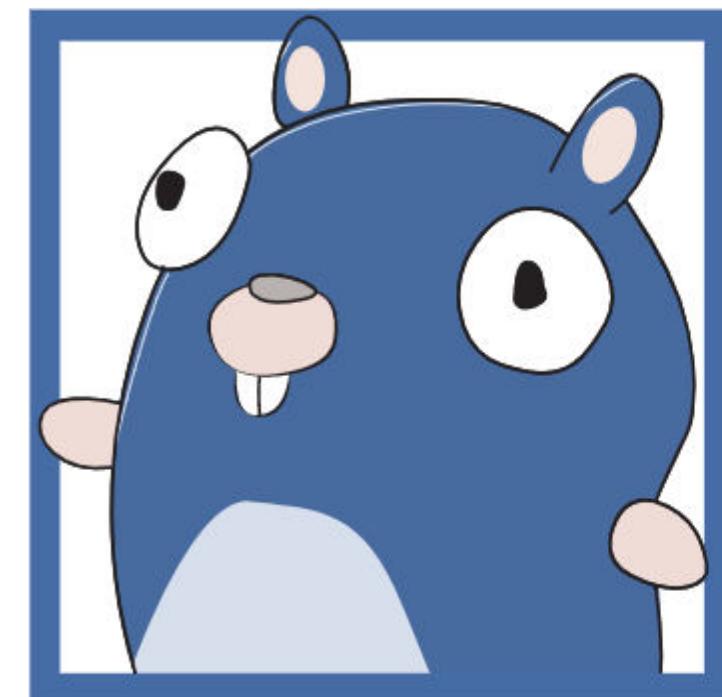
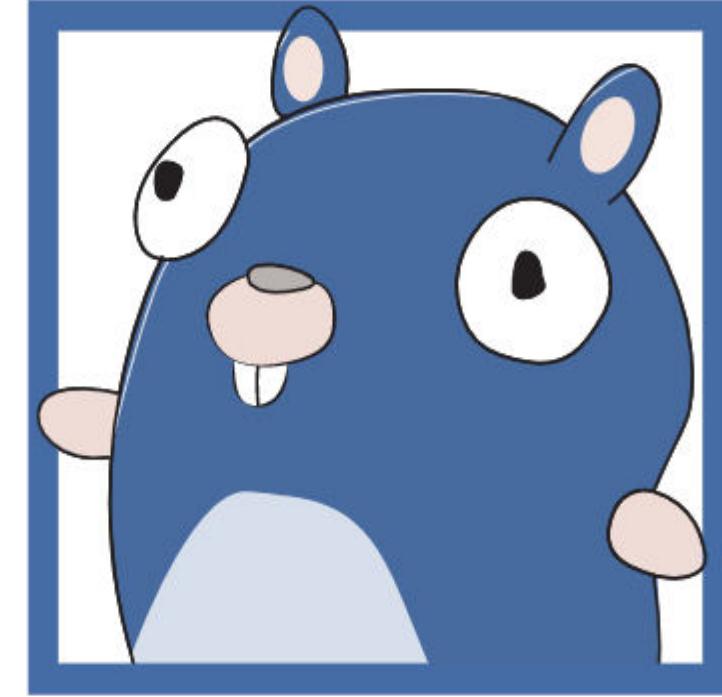
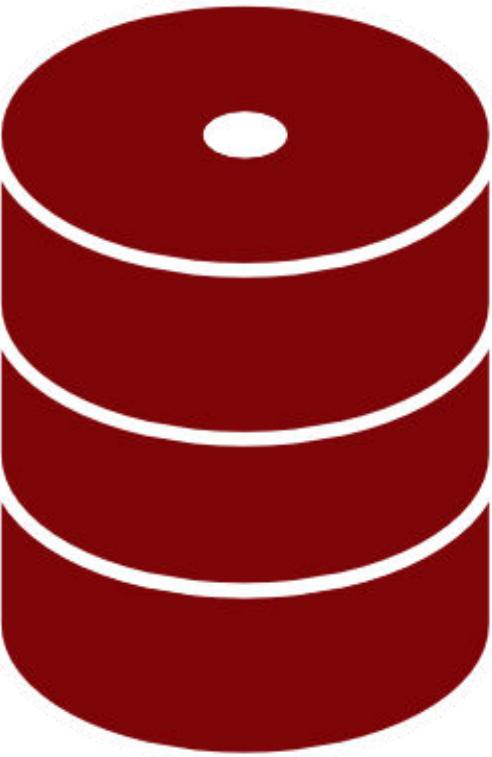


The logo for Falco features the word "falco" in a bold, sans-serif font. Above the letters, five thick, teal-colored diagonal bars of varying lengths extend from the top left towards the bottom right, creating a sense of motion and flight. The entire logo is rendered in a vibrant teal color.

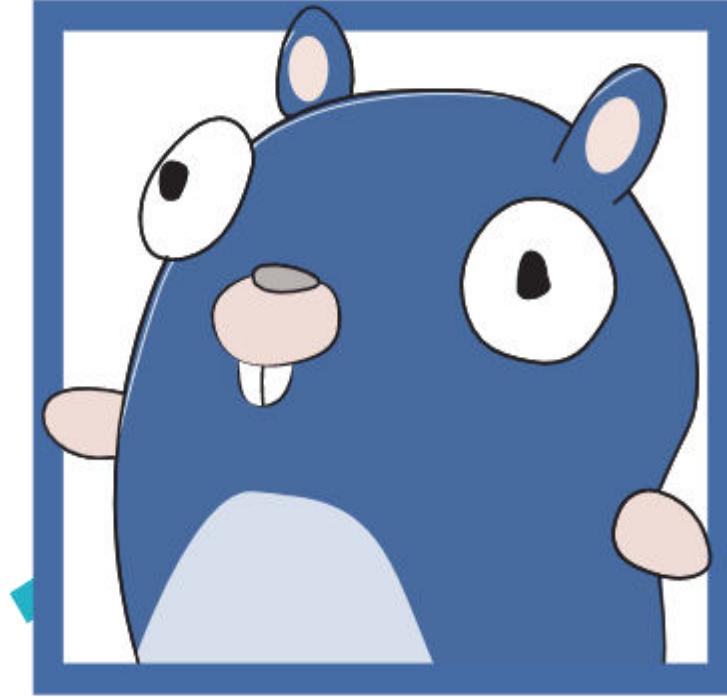
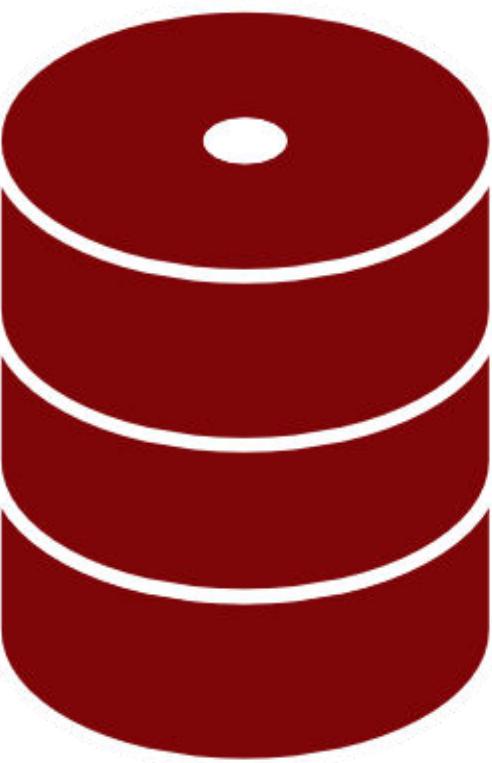
falco



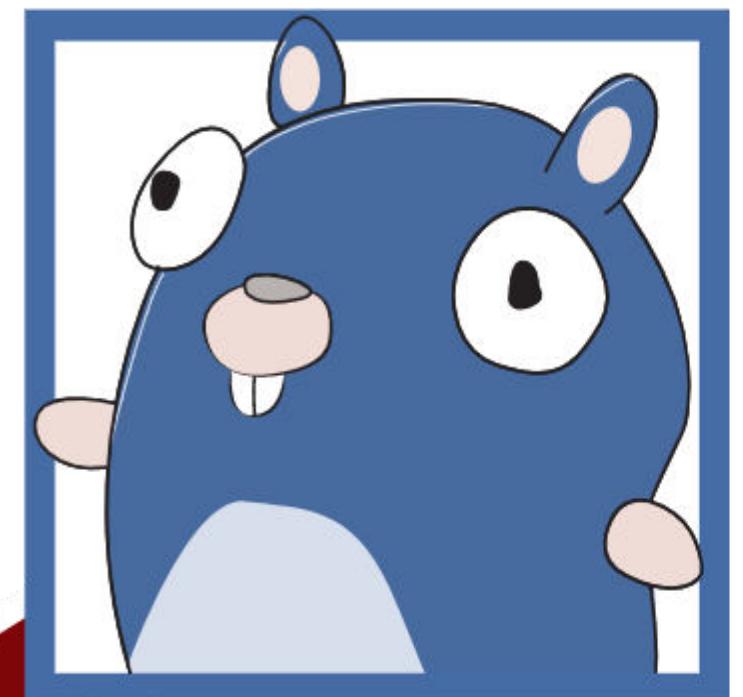
falco

The Falco logo features the word "falco" in a bold, teal, sans-serif font. A stylized falcon emblem is positioned above the letters, composed of five teal bars of varying lengths that curve upwards and outwards.

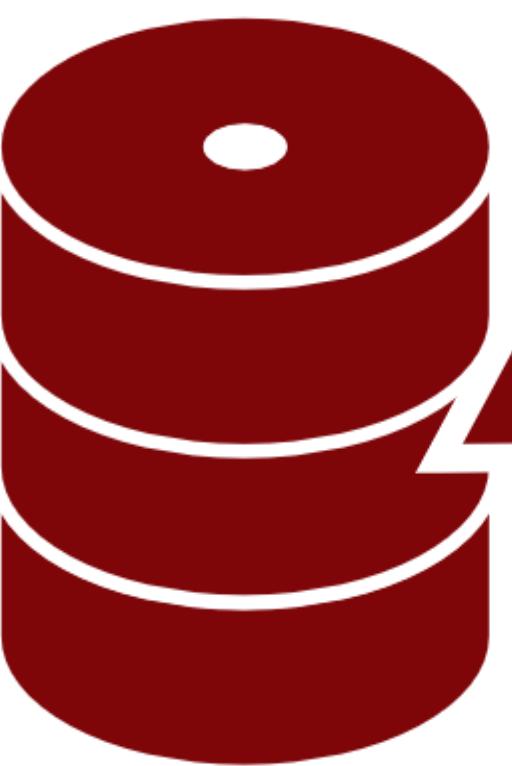
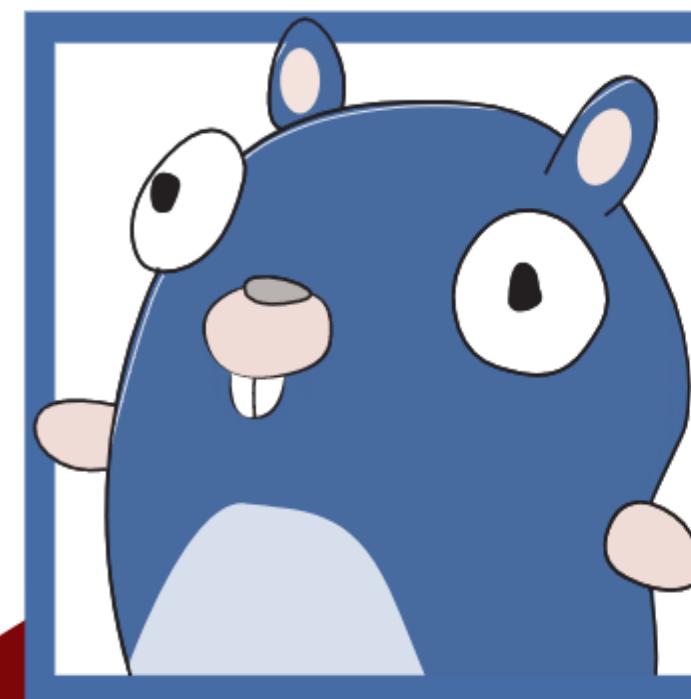
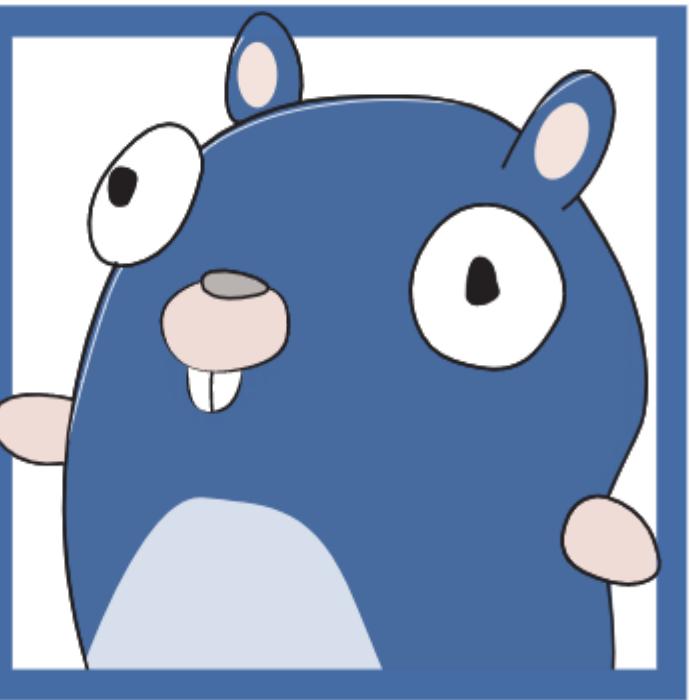
falco



falco



falco





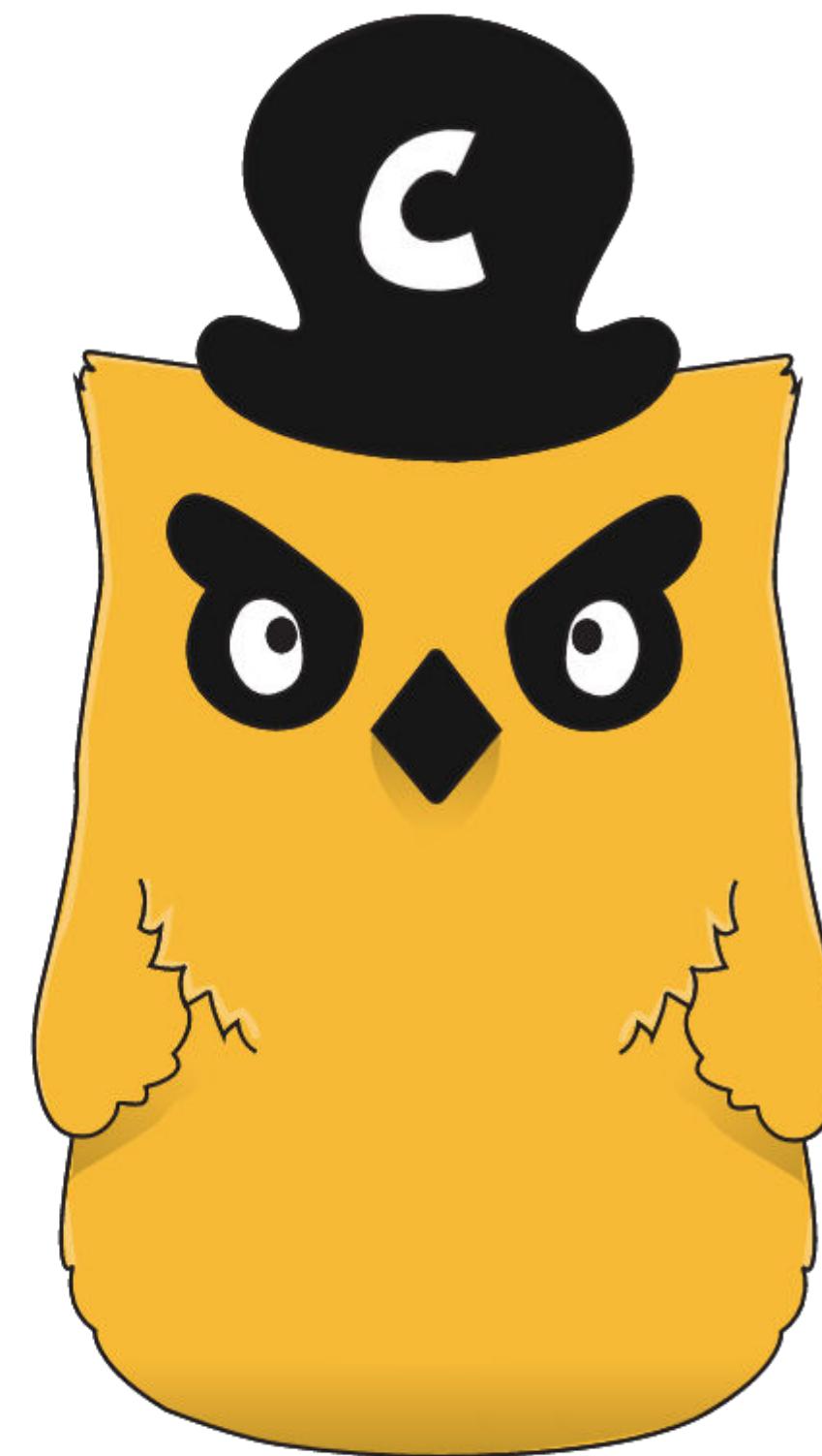
fatco

CNCF Graduated Projects (12)

 containerd Cloud Native Computing Foundation (CNCF) 6,137	 CoreDNS Cloud Native Computing Foundation (CNCF) 6,654	 Envoy Cloud Native Computing Foundation (CNCF) 14,878	 fluentd Cloud Native Computing Foundation (CNCF) 9,623	 Harbor Cloud Native Computing Foundation (CNCF) 13,000	 Helm Cloud Native Computing Foundation (CNCF) 18,137	 Jaeger Cloud Native Computing Foundation (CNCF) 11,941	 Kubernetes Cloud Native Computing Foundation (CNCF) 70,773	 Prometheus Cloud Native Computing Foundation (CNCF) 23,308	 The Update Framework (TUF) Cloud Native Computing Foundation (CNCF) 1,126	 KV Cloud Native Computing Foundation (CNCF) 8,171	
 Vitess Cloud Native Computing Foundation (CNCF) 10,726											

CNCF Incubating Projects (21)

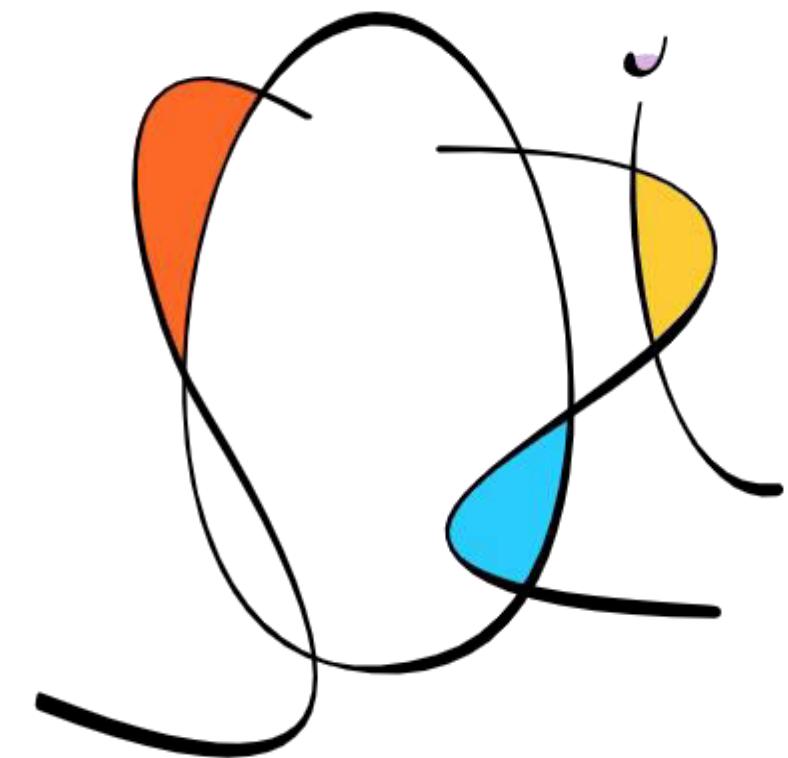
 Argo Cloud Native Computing Foundation (CNCF) 6,655	 CloudEvents Cloud Native Computing Foundation (CNCF) 2,070	 Container Network Interface (CNI) Cloud Native Computing Foundation (CNCF) 2,999	 Contour Cloud Native Computing Foundation (CNCF) 2,493	 Cortex Cloud Native Computing Foundation (CNCF) 3,406	 cri-o Cloud Native Computing Foundation (CNCF) 2,653	 Dragonfly Cloud Native Computing Foundation (CNCF) 5,226	 etcd Cloud Native Computing Foundation (CNCF) 33,096	 Falco Cloud Native Computing Foundation (CNCF) 3,023	 gRPC Cloud Native Computing Foundation (CNCF) 27,801	 KubeEdge Cloud Native Computing Foundation (CNCF) 3,115
 Linkerd Cloud Native Computing Foundation (CNCF) 6,082	 NATS Cloud Native Computing Foundation (CNCF) 8,329	 Notary Cloud Native Computing Foundation (CNCF) 2,320	 Open Policy Agent (OPA) Cloud Native Computing Foundation (CNCF) 4,032	 OpenTracing Cloud Native Computing Foundation (CNCF) 2,628	 Operator Framework Cloud Native Computing Foundation (CNCF) 3,993	 Rook Cloud Native Computing Foundation (CNCF) 7,795	 SPIFFE Cloud Native Computing Foundation (CNCF) 717	 SPIRE Cloud Native Computing Foundation (CNCF) 684	 Thanos Cloud Native Computing Foundation (CNCF) 6,473	



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Carson Anderson

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 @carsonoid

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getweave.com