mais Diff blu Side car container of a located centainer

pod:

It is the smallest deplayable unit, often compositing multiple containers that show the same now names pace and storage volumes.

1. Side Cas Container 2 Common patherns emerge.

1. Side Cas Container 20 to located Containers

while both reside within the same ped, they some distant
ples & have different behaviours.

side cast contained

It is a Secondary Contained that sunt alongside the main application Contained contained the Same ped

prapace :-

To enhance and extend the functionality of the morn application without modifying its code

vecase:-

\* Loggerg \* monitoring \* priority & that Synchronization
starting with kgs v1.24, side (an containers are implemented
at restartable and containers by cotting restartlokay: Always
and are placed under the mit Containers field.

start before and one towns rated after the main application containers of containers questions

Commincation the the two-Containment

the stand volume showed logs facilitates

5: Application with a logging siderar apillorsron: M Kind: Pad 1 the stage got fortens of motadate: and more tout wantering name: app-with-logging-side car "Spec : ancelling among & theatres) and the Volumes: Crotes - name: Shared-lags empty Dry: 23 art marting mit Containers! - name: 10g-shipper Prage: alpire: latest command: ['sh', '-c', 'toil - 1 lopt 1 rogs tot'] volume Mounts! medies remedered withoutage offer -name: Shared-logs mount Path: lost restort Policy: Always Containers? It propertion tomes withoutpy - hame: main-app image: alpine: latest command: ['sh', !-c', while true; do echo "loggig's) /opt/logs.txt; Soop 1; done'] Yolure Mounts: Hare - name: shood - logs smouth Path: 10pt in this eg, log-shipper side car contained fails the logfile by the main app container. gonoxated The shared volume shared-logs faceletates Communication blu the two- Contourners. If helps the main Contained by doing extra work share resources take logs Eg: cheft dishwasher

Corlocated Containers.

some pool that collaborate to achieve a common goalstat is the now term new used to distinguish
what was previously repossed to as a subject container
before the kes V.120 updates

Scholike cide can containers, co-located containers after chase equal ensponsibility in the app's functionality.

a defended startup ander

Egt web soner with content Grenorator

opiVouron: VI

motodata:

name: wbb-sorver-with-holper spec:

Volumes:

-rame: Showd- content empty Div: 23

containous:

mane: content-generator

image: busy-box

command: E'sh', '-c', 'echo "Helb Fron Helpex! >

loutput lundex: html \$4 sleep 3600']

Volume Mounts!

-name: stared content mount Path: /output

-name webservor

Image: nginx

volume Mounts:

- rame: Shared-Centent

mount Path: 160 | Share ) rgtmz/thm/

those, the centent-generator contrained creates on HTMI The that the cob-scenar contained scenes using NOINX. Both containors are integral to app's functionality a speciate collaboratively. as it hasseper pleasured sees labor

Footne Side Car Container Co-located Container Parmary Pole Enhances or extend main application functionality adoptivate aqually in application togic startup Order State before moin container (if using init container) No Dofuned stadup order Lifecycle Russ alongside main container, can be restarted undependently Independent lifecycle Typical Use Good Legging, moritoring, proxysing, data synchronization Multi-proces applications, hopens Implementation (1004 01.09) defend as init Cort agress with rostart Policy: Always Degined in Cordinars field. Co-located cordaines

> Just thes together (share same ped) so May not stone anything

Stole Cas = Boot holper Friend and great agent Co-located - Just seem mates

English of Historien

tration derivate : smert .

(mility surport send out to what they se