





— North America 2023

High-Volume Data and APIs: The Year in SIG-Apps

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Who we are



Janet Kuo Software Engineer Google



Maciej Szulik Software Engineer Red Hat



Kenneth Owens
Software Engineer
Snowflake

Contacts



Meetings:

Biweekly on Mondays at 12:00 PM EDT / 09:00 AM PDT / 06:00 PM CEST

Slack Channel:

#sig-apps

Email group:

kubernetes-sig-apps@googlegroups.com

Mission



Deploying and operating applications Kubernetes

Charter



Annual Report

GA features



Job tracking without lingering pods (1.26)

Track pod completions in status

TimeZone in CronJob (1.27)

Allow setting TimeZone in CronJob

Beta features



Pod Healthy Policy for PDB (1.27)

Policy for handling Running but not Ready pods

<u>Autoremove StatefulSet PVCs</u> (1.27)

Allow opting-in in PVC deletion

Elastic Indexed Job (1.27)

Allows mutating job completions for Indexed Jobs

Retriable and non-retriable failures for Jobs (1.26-1.28)

Allow setting retries based on exit codes and/or pod deletion reasons

Beta features



StatefulSet Slice (1.27)

Allows a StatefulSet number replicas from an arbitrary ordinal

Pod Index Label for StatefulSets and Indexed Jobs (1.28)

Adds a label informing about the pod index

Job creation annotation (1.28)

Add job creation timestamp to job annotations in a CronJob controller

Alpha features



Replacement of Pods in a Job when fully terminating (1.28)

Include terminating pods in the active pod count

In progress for 1.29



GA:

Track Ready Pods in Job status

Count pods with Ready condition

Beta:

Retriable and non-retriable failures for Jobs

Allow setting retries based on exit codes and/or pod deletion reasons

Replacement of Pods in a Job when fully terminating

Include terminating pods in the active pod count

Alpha:

Backoff Limit Per Index For Indexed Jobs

Indexed Job's backoff limit mode, counted per index

WG Batch



Charter:

https://github.com/kubernetes/community/tree/master/wg-batch

Meetings:

Biweekly on Thursdays at 10:00 PM EDT / 07:00 AM PDT / 04:00 PM CEST

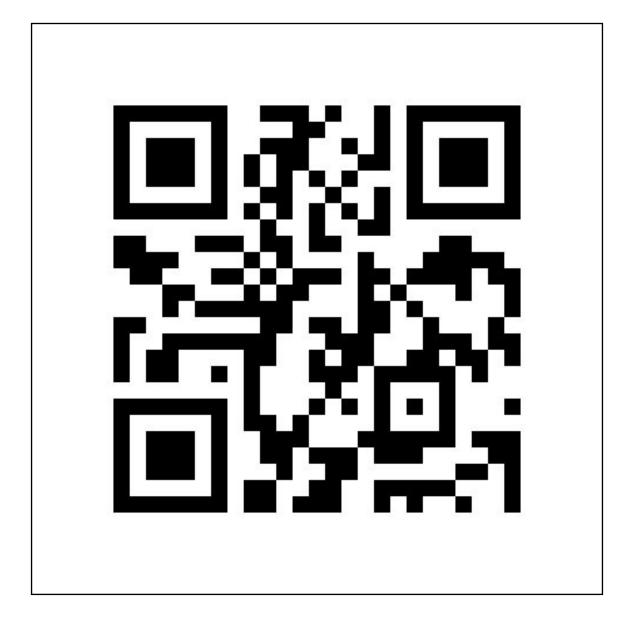
Slack Channel:

#wg-batch

Email group:

wg-batch@kubernetes.io

Q&A time



Please scan the QR Code above to leave feedback on this session

