

EFFORTLESSLY CONNECT IBM MQ MESSAGING WITH ANY APPLICATION, ANYWHERE

With the TriggerMesh Cloud Native Integration Platform

TriggerMesh makes it easy to bring your IBM MQ data into your cloud native infrastructure and use it wherever you need it—on-premises, in your public, private, or hybrid cloud. Event-driven applications are built on top of your data and events. With TriggerMesh, your IBM MQ data becomes part of the fabric used by developers and DevOps teams to integrate that data across every platform.

Developers want the ability to self-serve the integrations they need to bring new products and features to market fast. They need integrations to connect applications across multiple clouds, SaaS, and on-premises. And they need the integrations to be real-time and event-driven. They need TriggerMesh.

Built on Kubernetes and Knative, the TriggerMesh cloud native integration platform powers scalable, event-driven integrations that enterprises need to thrive in today's multi and hybrid-cloud environments. TriggerMesh manages these integrations by connecting sources of events and data with the target destinations while allowing additional filtering, transformations, and routing before sending the messages off. We call these integrations "Bridges" and they are reusable components that can be managed as source code. New custom sources and targets can also be added without having to dive into the weeds of Kubernetes development. Developers and DevOps teams can quickly create, and easily maintain, event-driven integrations with their existing IBM MQ deployments and any other technologies they need to work with.

IBM MQ Event Sources for TriggerMesh

IBM MQ provides large-scale durable message queues and is used across a wide variety of enterprise data centers and cloud infrastructures. IBM MQ supports applications across many platforms and is accessible through APIs and SDKs for many programming languages. This battle-tested messaging platform is a crucial event source for enterprises needing to integrate their cloud native infrastructure with existing applications.

TriggerMesh's [IBM MQ Event Source for Knative](#) simplifies sending IBM MQ messages to SaaS applications, cloud

```
apiVersion: components.extensions.triggermesh.io/v1alpha1
kind: IBMMQSource
metadata:
  name: ibm-mq-test
spec:
  connection_name: ibm-mq.default.svc.cluster.local(1414)
  password: password
  k_sink: http://socketeye.default.svc.cluster.local
```

CREATE INTEGRATION AS CODE WITH OUR DECLARATIVE API. COMBINE WITH YOUR EXISTING CI/CD PIPELINE FOR A FULLY-AUTOMATED GITOPS APPROACH TO INTEGRATION

 Zendesk

When a ticket is created

 Broker



 Trigger

Only proceed if type is new

 AWS Lambda

Then Execute function

FOR LESS COMPLEX USE CASES, AND LESS TECHNICAL USERS, OUR LOW-CODE UI LETS YOU QUICKLY CREATE NEW APPLICATION FLOWS

services, serverless functions, and even other legacy applications. Using the [TriggerMesh Integration Language](#), you can declaratively build, deploy, and manage your integrations as code™ and incorporate them into your GitOps workflows. The TriggerMesh platform also makes it easy to create those applications through our menu-driven low-code editor.

“TriggerMesh lets me use the best tool for the job. When Operations needed to send metrics data from a new cloud to our monitoring tool, none of the big vendors could do it, but TriggerMesh made it easy.”

– VP & Senior Cloud Architect at FinServe leader

Event-Driven Applications the DevOps Way

The IBM MQ Event Source for TriggerMesh consumes messages as [CloudEvents](#), making them easy to:

- Route, transform, and split for different destinations
- Stream data to a central data lake
- Push from on-premises to cloud-based services applications like Salesforce
- Send to monitoring platforms such as Datadog or on-premises solutions like Sensu
- Consume from an event-driven serverless installation on your on-premises Kubernetes infrastructure

TriggerMesh provides tooling to make onboarding new sources and targets relatively straightforward without requiring expertise in writing Knative Eventing integrations. The IBM MQ Event Source for Knative was written with this framework and provides an example for writing other similar sources. The framework represents IBM MQ as an API object, making it easy to parse, transform, and reroute your queue data wherever it needs to be consumed. Additional applications with CLI interfaces or SDKs could similarly be exposed as sources or targets via this technique. The framework is available in private preview to try with your infrastructure.

The [TriggerMesh Integration Language](#) (TIL) provides a user-friendly representation of the Bridges connecting sources of events and data with the target recipients. TriggerMesh Bridges can be templated and reused across deployments with TIL, allowing your integrations to be stored and versioned in source control and managed within GitOps-style workflows. TIL removes the need for large blocks of boilerplate YAML, reducing the cognitive load for deploying new integrations with Knative in Kubernetes.

The IBM MQ Event Source for Knative is just one example of the enterprise-grade integrations provided with the TriggerMesh platform. TriggerMesh makes it easy to move your data and events where they need to be, so you can deploy your event-driven applications with the confidence that they will scale and deliver the results needed for your business.

[Contact us today to learn how cloud native integration can help you accelerate product delivery.](#)