**ActiveMQ use**

ActiveMQ is a message broker—it’s used to send messages between different parts of a system in a decoupled way. It's especially useful in microservices, distributed systems, and event-driven architectures.﻿What it's used for:﻿1. Asynchronous Communication﻿Instead of directly calling another service (synchronous), you can send a message to a queue and move on. The other service picks up the message when it's ready.﻿2. Decoupling Components﻿Your systems don’t need to know about each other. They just send/receive messages via the broker.﻿3. Reliable Messaging﻿ActiveMQ ensures that messages are delivered even if the receiver is temporarily unavailable.﻿4. Load Balancing & Scalability﻿Multiple consumers can listen to the same queue, spreading the load and improving scalability.﻿5. Event-Driven Systems﻿You can trigger actions across services when certain events occur, e.g., "User Registered", "Order Placed", etc.﻿---﻿Real-Life Example:﻿Let’s say you have an e-commerce platform:﻿Order Service places an order.﻿It sends a message to a queue.﻿Inventory Service, Billing Service, and Shipping Service all consume that message asynchronously and do their tasks.