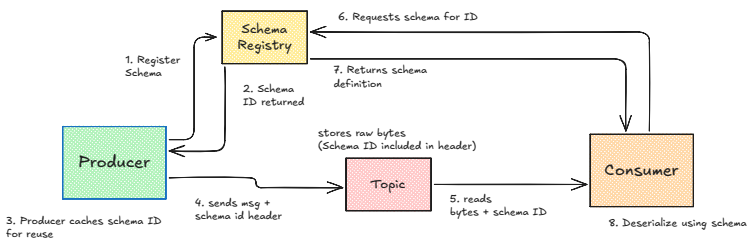


Schema Registry: Centralizing Data Contracts



What is the Schema Registry?



It's a centralized service that stores and versions your schemas. It assigns a unique ID to each schema version and lets clients fetch it automatically when serializing or deserializing messages

Why do we need it?

Even after choosing a serialization format, the schema itself needs to be shared between producer and consumer.

Without it:

- Each service stores its own schema files
- Over time, different versions drift across teams
- Producers might serialize a version v2 while consumers still expects v1