

Kafka Project

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- Use Java 8
- Use Spring Boot to implement a REST API
- Assume an intranet for the purpose of security
- Hamag Bicro agency, a big project
- Construct a minimal UI for testing
- Construct the project CRUDL stripe by CRUDL stripe (create, read, update, delete, list)
- Use zkClient to connect to Zookeeper
- Use AdminClient to connect to Kafka
- Use Kafka version 2.1 or 0.11
- Consider multiple architectures: microservices, monolith ili client server
- It is impossible to create all CRUDL operations for each resource
- The important Kafka resources are: topics, partitions, messages, consumers, producers, streams
- Wrap each and every Kafka functions in your own function to prevent API changes from effecting the project
- Make notes about naming conventions
- Take notes about Kafka resources and API
- Always have the bigger picture in mind
- Monitoring seems to be a bit more important then CRUDL operations
- Take notes about the different preexisting solutions and libraries
- Abstract the configuration

