生产者

Maven依赖

```
<dependencies>
    <dependency>
        <groupId>org.springframework.cloud</groupId>
        <artifactId>spring-cloud-stream-binder-kafka</artifactId>
    </dependency>
</dependencies>

<dependencyManagement>
    <dependencies>
        <dependency>
            <groupId>org.springframework.cloud</groupId>
            <artifactId>spring-cloud-dependencies</artifactId>
            <version>Brixton.SR3</version>
            <type>pom</type>
            <scope>import</scope>
        </dependency>
    </dependencies>
</dependencyManagement>
```

配置

```
server:
  port: 8081

spring:
  application:
    name: ace-collector
  cloud:
     instance-count: 1
     instance-index: 0
     kafka:
        binder:
          brokers: localhost:9092
          zk-nodes: localhost:2181
          auto-add-partitions: true
```

```
          auto-create-topics: true
          min-partition-count: 1
      stream:
         bindings:
           output:
             destination: collector
             content-type: text/plain
             producer:
               partitionCount: 1
```

示例代码

```
@SpringBootApplication
@EnableBinding(Source.class)
public class Kbgh1117Application {

    public static void main(String[] args) {
        SpringApplication.run(Kbgh1117Application.class, args);
    }

    @InboundChannelAdapter(channel = Source.OUTPUT, poller =
@Poller(fixedDelay = "5000"))
    public String out() {
        return "foo";
    }

}
```

消费者

配置信息

```
spring:
  application:
    name: treadmill-analytics
  cloud:
     instance-count: 1
     instance-index: 0
```

```
      kafka:
         binder:
           brokers: localhost:9092
           zk-nodes: localhost:2181
           auto-add-partitions: true
           auto-create-topics: true
           min-partition-count: 1
           offsetUpdateCount: true
      stream:
         bindings:
           input:
             destination: text1
             group: s2
             consumer:
#               autoCommitOffset: false
               concurrency: 1
               partitioned: true
server:
  port: 8082
```

示例代码

```
@SpringBootApplication
@EnableBinding(Sink.class)
public class Kbgh11171Application {

    public static void main(String[] args) {
        SpringApplication.run(Kbgh11171Application.class, args);
    }

    @StreamListener(Sink.INPUT)
    public void in(String in,
@Header(KafkaHeaders.RECEIVED_PARTITION_ID) int partition,
            @Header(KafkaHeaders.OFFSET) long offset) {
        System.out.println(in +  " from partition " + partition + "
at offset " + offset);
}
```