

KIP-620 Deprecate ConsumerConfig#addDeserializerToConfig and ProducerConfig#addSerializerToConfig

- [Status](#)
- [Motivation](#)
- [Public Interfaces](#)
- [Proposed Changes](#)
- [Compatibility, Deprecation, and Migration Plan](#)
- [Rejected Alternatives](#)

This page is meant as a template for writing a [KIP](#). To create a KIP choose Tools->Copy on this page and modify with your content and replace the heading with the next KIP number and a description of your issue. Replace anything in italics with your own description.

Status

Current state: *accepted*

Discussion thread: [here](#)

Vote thread: [here](#)

JIRA:

 Unable to render Jira issues macro, execution error.

Please keep the discussion on the mailing list rather than commenting on the wiki (wiki discussions get unwieldy fast).

Motivation

Both of `ConsumerConfig#addDeserializerToConfig(Properties, Deserializer, Deserializer)` and `ProducerConfig#addSerializerToConfig(Properties, Serializer, Serializer)` are useless after <https://github.com/apache/kafka/pull/8605>.

Public Interfaces

No new interface

Proposed Changes

Deprecate following methods.

ProducerConfig

```
public static Properties addSerializerToConfig(Properties properties,
    Serializer<?> keySerializer,
    Serializer<?> valueSerializer)

public static Map<String, Object> addSerializerToConfig(Map<String, Object> configs,
    Serializer<?> keySerializer,
    Serializer<?> valueSerializer)
```

ConsumerConfig

```
public static Properties addDeserializerToConfig(Properties properties,
    Deserializer<?> keyDeserializer,
    Deserializer<?> valueDeserializer)

public static Map<String, Object> addDeserializerToConfig(Map<String, Object> configs,
    Deserializer<?> keyDeserializer,
    Deserializer<?> valueDeserializer)
```

add following package-private methods.

ProducerConfig

```
static Map<String, Object> appendSerializerToConfig(Map<String, Object> configs,
    Serializer<?> keySerializer,
    Serializer<?> valueSerializer)
```

ConsumerConfig

```
static Map<String, Object> appendDeserializerToConfig(Map<String, Object> configs,
    Deserializer<?> keyDeserializer,
    Deserializer<?> valueDeserializer)
```

Compatibility, Deprecation, and Migration Plan

ProducerConfig#addSerializerToConfig(Map<String, Object>...) is deprecated so as to remove it from public scope. A package-private replacement `appendSerializerToConfig` will be added and then used by KafkaProducer internally.

ConsumerConfig#addDeserializerToConfig(Map<String, Object>...) is deprecated so as to remove it from public scope. A package-private replacement `appendDeserializerToConfig` will be added and then used by KafkaConsumer internally.

Rejected Alternatives

N/A