

KIP-701: Add--override option to bin/connect-distributed.sh

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

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Status

Current state: *"Under Discussion"*

Discussion thread: <https://lists.apache.org/thread.html/r6d5b70da58fd7c81648cba5bfd773fa615ecb52fe61b05412dc8b092%40%3Cdev.kafka.apache.org%3E>

JIRA:

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

Motivation

When starting Kafka with its `server.properties` file, one can override some properties using the `--override` option. In contrast, when starting Kafka-Connect with its `worker.properties` file, there is no `--override` option.

Having the `--override` option when starting Kafka-Connect will provide the users the flexibility in starting Kafka-Connect in various situations. While lacking of this option is confusing for those users who have used the `--override` option for Kafka.

Public Interfaces

A new option is added for `connect-distributed.sh`

- `--override <String>`: Optional property that should override values set in `worker.properties` file

Proposed Changes

We proposed to add the handling of the `--override` arguments at `DistributedConnect`. It appears that only a minor change is required at the startup of `DistributedConnect` and the proposed change is available at <https://github.com/elakito/kafka/tree/ay-connect-cmdopts> with commit <https://github.com/elakito/kafka/commit/1e54536598d1ce328d0aee10edb728270cc04af1>

Compatibility, Deprecation, and Migration Plan

- no impact on existing users
- compatible with the older behavior, no migration needed

Rejected Alternatives