

KIP-23 - Add JSON/CSV output and looping options to ConsumerGroupCommand

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

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Status

Current state: *"Under Discussion"*

Discussion thread: [here](#)

JIRA: [KAFKA-313](#)

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

Motivation

Add JSON/CSV output and looping options to ConsumerGroupCommand. Neither of these options depend on each other (you can loop in the human readable output, or do a single shot execution with JSON output). Existing behavior/output maintained if neither of the options are used.

Public Interfaces

Add the following two options to the ConsumerGroupCommand:

- *output-format*, if specified, takes "csv" or "json" as value, sets the output format of ConsumerGroupCommand to "csv" or "json"
- *loop*, if specified, takes an integer value greater than 0, keeps executing the command at an interval of that many seconds until explicitly terminated by the admin/user
- *num-iterations*, if specified terminates the loop after that many iterations

Proposed Changes


Add JSON/CSV output and looping options to ConsumerGroupCommand. Neither of these options depend on each other (you can loop in the human readable output, or do a single shot execution with JSON output). Existing behavior/output maintained if neither of the options are used.

Adds following two options to ConsumerGroupCommand.

- *output-format*, if specified, takes "csv" or "json" as value, sets the output format of ConsumerGroupCommand to "csv" or "json"
- *loop*, if specified, takes an integer value greater than 0, keeps executing the command at an interval of that many seconds until explicitly terminated by the admin/user
- *num-iterations*, takes an integer value greater than 0, runs the command that many times at an interval specified by the loop option

Compatibility, Deprecation, and Migration Plan

ConsumerOffsetChecker will be deprecated. The work is tracked at

 Unable to render Jira issues macro, execution error.

. It will be

completely dropped in 0.9.1, tracked at

 Unable to render Jira issues macro, execution error.

Rejected Alternatives

None