

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

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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 [KAFKA-2301](#) - Getting issue details... STATUS . It will be completely dropped

in 0.9.1, tracked at [KAFKA-2307](#) - Getting issue details... STATUS .

## Rejected Alternatives

None