### outputcsv

Exports the specified fields of all input data to the CSV/TSV file.

#### Syntax

outputcsv [OPTIONS] FILE\_PATH FIELD, ...

Required Parameter

**FILE\_PATH**

Path to the CSV/TSV file.

**FIELD, ...**

Fields to be output in a CSV or TSV file, separated by a comma(,).

Both the default CSV and TSV files have fixed columns, orders, and numbers on each of their first lines, but Logpresso data may have different fields existing in each row. So please be sure to define the output fields. If you want to record data in a file without specifying an output field, refer to the 'outputjson' command.

Optional Parameter

**append=BOOL**

Option to enable appending data to the end of the file specified in the FILE\_PATH (default: f).

1. t: Appends the field records to the end of the file specified as FILE\_PATH. If the file does not exist, the file is created. You cannot set this option to t when overwrite=t.
2. f: NOT append the field records to the end of the file specified as FILE\_PATH. The query fails if the file exists.

**bom=BOOL**

Option to enable the addition of BOM(byte order mark) to the file header (default: f).

1. t: Adds BOM to the file header
2. f: NOT add BOM to the file header.

**encoding=CHARSET**

Character set (default: utf-8). Use the preferred MIME name or aliases registered in the following document: <http://www.iana.org/assignments/character-sets/character-sets.xhtml>

**flush=INT{y|mon|w|d|h|m|s}**

Cycle to flush the output buffer to the file specified as FILE\_PATH. You can use one of the cycle units of y (year), mon (month), w (week), d (day), h (hour), m (minute), and s (second). For example, to flush the buffer every 5 seconds, specify 5s.

**overwrite=BOOL**

Option to enable overwriting the file specified as FILE\_PATH, if it exists (default:f).

1. t: Overwrites the file specified as FILE\_PATH, if it exists. You cannot set this option to t when the append option is t.
2. f: NOT overwrite the file specified as FILE\_PATH, if it exists. The query fails if the file exists.

**partition=BOOL**

Option to enable macro in the FILE\_PATH (default: f).

1. t: Enables macro
2. f: Disables macro

You can specify FILE\_PATH to change the directory and file path over time using a macro with the partition=t option. The available macros are {logtime:FMT} and {now:FMT}. For input examples, refer to Usage #2.

1. {logtime:FMT}: Names the directory or file based on the log occurrence time.
2. {now:FMT}: Names the directory or file based on the current time.

If you set 'partition=t' and do not use a macro on the path, the query fails.

**tab=BOOL**

Option to use tab character as a separator (default: f).

1. t: Uses tab character as a separator. This is useful for processing tab-separated values (TSV) files.
2. f: Uses comma (,) as a separator.

**tmp=TMP\_FILE\_PATH**

Path to a temporary file. Once you set this option, the command creates a temporary file and outputs the result, and moves the file to the path specified by FILE\_PATH when the query finishes successfully.

#### Usage

Record **src\_ip** and **dst\_ip** field values in the ippair.csv file.

outputcsv /opt/logpresso/files/ippair.csv src\_ip, dst\_ip

Partition the directory according to the log occurrence date using macro, create the file name based on the current time, and then record the **src\_ip** and **dst\_ip** field values.

outputcsv partition=t /opt/logpresso/files/{logtime:/yyyy/MM/dd/}/{now:HHmm}.csv src\_ip, dst\_ip