### rollup

Calculates multiple levels of subtotals across a group of fields along with the grand total. This command creates subtotals that roll up from the most detailed level to a grand total, following a grouping field specified in the by clause.

#### Syntax

rollup [label=VALUE] AGGR\_FUNC [as ALIAS], ... [by GRP\_FIELD, ...]

Required Parameter

**AGGR\_FUNC [as ALIAS], ...**

Pairs of a [aggregate function](https://docs.logpresso.com/en/query/section-aggregate-functions) (AGGR\_FUNC) and optional alias (ALIAS) as a field name, separated by a comma (,). If no alias provided, the function name is labeled as the field name, such as count() and sum(sent\_pkts). It is recommended that you specify an ALIAS.

Optional Parameter

**label=VALUE**

Label given to the aggregate value (default: null).

**by GRP\_FIELD, ...**

Grouping fields with by directive, separated by a comma(,).

#### Usage

Calculate the subtotal for each **action** field, and grand total.

rollup count by action

Calculate sub-totals and grand totals (the label is displayed as "TOTAL") of the count and size for the action and status fields.

rollup label=TOTAL count, sum(size) as size by action, status