

Apache Pig Eval Built-In Functions

Eval Functions

Apache Pig supports various types of Eval Functions such as AVG, CONCAT, COUNT, COUNT_STAR, and so on to perform a different type of operation.

The following is the list of Eval functions supported by Apache Pig.

Sr No	Functions	Description
1	AVG()	This function is used to compute the average of the numerical values within a bag.
2	BagToString()	The function performs the concatenation of elements in a string.
3	CONCAT()	This function is used to concatenate two or more expressions of the same type.
4	COUNT()	This function is used to get the number of elements in a bag while counting the number of tuples in a bag.
5	COUNT_STAR()	This function is similar to the COUNT() function that shows the number of elements.
6	DIFF()	This function is used to compare two bags (fields) in a tuple.
7	IsEmpty()	This function is used to check if a bag or map is empty.
8	MAX()	This function is used to calculate the highest value for a column (numeric values or chararrays) in a single-column bag.
9	MIN()	This function is used to get the minimum (lowest) value (numeric or chararray) for a certain column in a single-column bag.
10	PluckTuple()	This function is used to define a string Prefix and filter the columns in a relation that begin with the given prefix.
11	SIZE()	This function is used to compute the number of elements based on any Pig data type.
12	SUBTRACT()	This function is used to perform the subtraction of two bags.
13	SUM()	This function is used to get the total of the numeric values of a column in a single-column bag.
14	TOKENIZE()	This function is used to split a string (which contains a group of words) in a single tuple and return a bag that contains the output of the split operation.