

Apache Pig String Built-In Functions

String Functions

Apache Pig supports various types of String Functions such as ENDSWITH, STARTSWITH, SUBSTRING, INDEX OF, and so on to perform a different type of operation.

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

Sr No	Functions	Description
1	ENDSWITH(string, testdata)	This function is used to verify whether a given string ends with a particular substring.
2	STARTSWITH(string, substring)	This function will accept two string parameters and verifies whether the first string starts with the second.
3	SUBSTRING(string, startIndex, stopIndex)	This function will return a substring from a given string.
4	EqualsIgnoreCase(stringdata1, stringdata2)	This function is used to compare two strings ignoring the case.
5	INDEXOF(string, 'chardata', startIndex)	This function will return the first occurrence of a character in a string, searching forward from a start index.
6	LAST_INDEX_OF(expression)	This function will return the index of the last occurrence of a character in a string, searching backward from a start index.
7	LCFIRST(expression)	This function will convert the first character in a string to lower case.
8	UCFIRST(expression)	This function will return a string with the first character converted to upper case.
9	UPPER(expression)	This function will return a string converted to upper case.
10	LOWER(expression)	This function will convert all characters in a string to lower case.
11	REPLACE(string, 'olddata', 'newdata');	This function is used to replace existing characters in a string with new characters.
12	STRSPLIT(string, regex, limit)	This function is used to split a string around matches of a given regular expression.
13	STRSPLITTOBAG(string, regex, limit)	This function is similar to the STRSPLIT() function, it splits the string by a given delimiter and returns the result in a bag.
14	TRIM(expression)	This function will return a copy of a string with leading and trailing whitespaces removed.
15	LTRIM(expression)	This function will return a copy of a string with leading whitespaces removed.
16	RTRIM(expression)	This function will return a copy of a string with trailing whitespaces removed.