

F_SUBSTR(F_SUBSTR4, F_SUBSTR8), F_BIGSUBSTR

compatibility to FreeUDFLibC

Entrypoint substr **not compatible with UTF-8 - use U_SUBSTR**

Inputs/Outputs

Input	CSTRING(8190)	String 1 (in which the position of parameter 2 is to be determined)
	CSTRING(1024)	String 2 (to be determined)
Output	INTEGER	first position in string 1 where string 2 starts

F_STRSUB

compatibility to FreeUDFLib, FreeUDFLib AvERP, GrUDF

Entrypoint strsub **not compatible with UTF-8 - use U_SUBSTR**

F_STRPOS

input/output-compatibility to rFunc (STRPOS)

Entrypoint strpos **not compatible with UTF-8 - use U_SUBSTR**

Inputs/Outputs

Input	CSTRING(1024)	String 1 (to be determined)
	CSTRING(8190)	String 2 (in which the position of parameter 2 is to be determined)
Output	INTEGER	first position in string 1 where string 2 starts

Syntax

F_SUBSTR, F_STRSUB etc.: Counting starts with 0, if not found -1.

F_STRPOS: Counting starts with 1, if not found 0.

Notice:

In the original FreeUDFLib (1998 by Gregory Deatz) the order of the input-parameters are swapped to the other string-funktions and to the c-version (1999 by Gregory Deatz) of the FreeUDFLibC. To maintain backward compatibility for both versions there are two different "entrypoints" you can use in the DECLARE-Script of F_SUBSTR.

- To be compatible with the (Delphi-)FreeUDFLib, the FreeUDFLib AvERP and the GrUDF (which is compatible to the Delphi-FreeUDFLib) use the entrypoint "strsub"

- for compatibility to FreeUDFLibC use entrypoint "substr".

TestSQL (Version FreeUDFLibC mit Entrypoint substr)

```
SELECT 9 AS ISCORRECT, F_SUBSTR('Pauline fährt in Urlaub', 'ähr') FROM RDB$DATABASE;
```

```
SELECT -1 AS ISCORRECT, F_SUBSTR('Pauline fährt in Urlaub', 'chr') FROM RDB$DATABASE;
```

```
SELECT NULL AS ISCORRECT, F_SUBSTR(NULL, NULL) FROM RDB$DATABASE;
```

```
SELECT 10 AS ISCORRECT, F_STRPOS('ähr', 'Pauline fährt in Urlaub') FROM RDB$DATABASE;
```

```
SELECT 0 AS ISCORRECT, F_STRPOS('chr', 'Pauline fährt in Urlaub') FROM RDB$DATABASE;
```

TestSQL (Version FreeUDFLib, GrUDF mit Entrypoint strsub)

```
SELECT 9 AS ISCORRECT, F_SUBSTR('ähr', 'Pauline fährt in Urlaub') FROM RDB$DATABASE;
```

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