

NAME

SPI_returntuple - prepare to return a tuple as a Datum

SYNOPSIS

HeapTupleHeader SPI_returntuple(HeapTuple *row*, TupleDesc *rowdesc*)

DESCRIPTION

SPI_returntuple makes a copy of a row in the upper executor context, returning it in the form of a row type Datum. The returned pointer need only be converted to Datum via **PointerGetDatum** before returning.

This function can only be used while connected to SPI. Otherwise, it returns NULL and sets *SPI_result* to SPI_ERROR_UNCONNECTED.

Note that this should be used for functions that are declared to return composite types. It is not used for triggers; use **SPI_copytuple** for returning a modified row in a trigger.

ARGUMENTS

HeapTuple *row*

row to be copied

TupleDesc *rowdesc*

descriptor for row (pass the same descriptor each time for most effective caching)

RETURN VALUE

HeapTupleHeader pointing to copied row, or NULL on error (see *SPI_result* for an error indication)