NAME

SPI_saveplan - save a prepared statement

SYNOPSIS

SPIPlanPtr SPI_saveplan(SPIPlanPtr *plan*)

DESCRIPTION

SPI_saveplan copies a passed statement (prepared by **SPI_prepare**) into memory that will not be freed by **SPI_finish** nor by the transaction manager, and returns a pointer to the copied statement. This gives you the ability to reuse prepared statements in the subsequent invocations of your C function in the current session.

ARGUMENTS

SPIPlanPtr *plan*

the prepared statement to be saved

RETURN VALUE

Pointer to the copied statement; or NULL if unsuccessful. On error, *SPI_result* is set thus:

SPI_ERROR_ARGUMENT

if *plan* is NULL or invalid

SPI_ERROR_UNCONNECTED

if called from an unconnected C function

NOTES

The originally passed-in statement is not freed, so you might wish to do **SPI_freeplan** on it to avoid leaking memory until **SPI_finish**.

In most cases, **SPI_keepplan** is preferred to this function, since it accomplishes largely the same result without needing to physically copy the prepared statement's data structures.