

**NAME**

`SPI_prepare_cursor` - prepare a statement, without executing it yet

**SYNOPSIS**

```
SPIPlanPtr SPI_prepare_cursor(const char * command, int nargs,  
                             Oid * argtypes, int cursorOptions)
```

**DESCRIPTION**

`SPI_prepare_cursor` is identical to `SPI_prepare`, except that it also allows specification of the planner's "cursor options" parameter. This is a bit mask having the values shown in `nodes/parsenodes.h` for the `options` field of `DeclareCursorStmt`. `SPI_prepare` always takes the cursor options as zero.

This function is now deprecated in favor of `SPI_prepare_extended`.

**ARGUMENTS**

`const char * command`  
command string

`int nargs`  
number of input parameters (\$1, \$2, etc.)

`Oid * argtypes`  
pointer to an array containing the OIDs of the data types of the parameters

`int cursorOptions`  
integer bit mask of cursor options; zero produces default behavior

**RETURN VALUE**

`SPI_prepare_cursor` has the same return conventions as `SPI_prepare`.

**NOTES**

Useful bits to set in `cursorOptions` include `CURSOR_OPT_SCROLL`, `CURSOR_OPT_NO_SCROLL`, `CURSOR_OPT_FAST_PLAN`, `CURSOR_OPT_GENERIC_PLAN`, and `CURSOR_OPT_CUSTOM_PLAN`. Note in particular that `CURSOR_OPT_HOLD` is ignored.