

pjs.executeDirect()

This API executes a non-prepared statement on IBM i, which can be used if there are no parameter markers in your SQL.

The API can also be called in the form of a method attached to a statement object as follows: `stmt.executeDirect()`.

Note: There is a security risk if you do not sanitize any user input that is passed into this API. This is what [prepared](#) statements will do for you automatically.

Parameters

1. Non-prepared handle (from `pjs.allocStmt()`). This parameter can be omitted if the API is called as a statement method.
2. SQL statement string
 - a. The SQL statement must be valid for the database you are using

Return Value

This method will return a handle which must be used again in other statements.

Exception Handling

SQL diagnostics are reported in the SQLCA:

https://www.ibm.com/support/knowledgecenter/en/ssw_ibm_i_73/db2/rbafzfiiddescsqlca.htm

SQLCA fields are defined in Profound.js programs with the names in lowercase. `sqlcode` will be set to zero if execution was successful.

Example

Called directly

```
c1 = pjs.allocStmt();
pjs.setStmtAttr(c1, SQL_ATTR_CURSOR_SCROLLABLE, SQL_TRUE);

pjs.executeDirect(c1, "SELECT prid FROM demolib/productsp ORDER BY prid");
pjs.fetchLast(c1, prid);

pjs.close(c1);
```

Called as a method

```
c1 = pjs.allocStmt();
c1.setStmtAttr(SQL_ATTR_CURSOR_SCROLLABLE, SQL_TRUE);

c1.executeDirect("SELECT prid FROM demolib/productsp ORDER BY prid");
pjs.fetchLast(c1, prid);

c1.close();
```

Requirements

When using an IBM i database, this API requires the [Profound.js Connector](#) module.