

## [REVIEW] database->query

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phpDocumentor

database->query

Executes the current SQL query string.

The syntax and semantics of SQL statements are beyond the scope of this manual. Prior to Joomla 1.1 the only database software supported was MySQL and the reference manual may be found at <http://dev.mysql.com/doc/>. From Joomla 1.1 onwards support for multiple databases is provided using the ADODB database abstraction library.

Syntax

```
object query ( [array $params] )
```

`$params` Array of parameters. This parameter is optional in Joomla 1.1 onwards and if omitted will default to an empty array. Introduced in Joomla 1.1 (ignored by prior versions).

This function returns a database resource object if successful or false if not. The error code can be examined by calling `database->getErrorNum` and the error message can be obtained by calling `database->getErrorMsg`.

Examples

Example:

```
function countCategories() {
    global $database;

    $sql = "SELECT * FROM #__categories";
    $database->setQuery( $sql );
    if (!$result = $database->query()) {
        echo $database->stderr();
        return false;
    }

    return $database->getNumRows( $result );
}

echo 'There are ' . countCategories() . ' categories';
```

might produce:

There are 6 categories

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