1.

[EXPLAIN](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/explain.html) [SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A INNER JOIN B ON A.name = B.name

SQL-запрос успешно выполнен.

| [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) |
| --- | --- | --- | --- |
| 1 | Pirate | 2 | Pirate |
| 3 | Ninja | 4 | Ninja |

| **id** | **select\_type** | **table** | **partitions** | **type** | **possible\_keys** | **key** | **key\_len** | **ref** | **rows** | **filtered** | **Extra** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | SIMPLE | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 1 | SIMPLE | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 25.00 | Using where; Using join buffer (Block Nested Loop |

1. Не работает - FULL OUTER JOIN

SELECT \* FROM A

FULL OUTER JOIN B

ON A.name = B.name

[SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A [LEFT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-functions.html#function_left) OUTER JOIN B ON A.name = B.name UNION [SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A [RIGHT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-functions.html#function_right) OUTER JOIN B ON A.name = B.name WHERE A.name [IS](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) NULL

SQL-запрос успешно выполнен.

| [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) |  |
| --- | --- | --- | --- | --- |
| 1 | Pirate | 2 | Pirate |  |
| 3 | Ninja | 4 | Ninja |  |
| 2 | Monkey | *NULL* | *NULL* |  |
| 4 | Spaghetti | *NULL* | *NULL* |  |
| *NULL* | *NULL* | 1 | Rutabaga |  |
| *NULL* | *NULL* | 3 | Darth Vader |  |

| **id** | **select\_type** | **table** | **partitions** | **type** | **possible\_keys** | **key** | **key\_len** | **ref** | **rows** | **filtered** | **Extra** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | PRIMARY | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 1 | PRIMARY | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | Using where; Using join buffer (Block Nested Loop) |
| 2 | UNION | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 2 | UNION | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 25.00 | Using where; Not exists; Using join buffer (Block ... |
| *NULL* | UNION RESULT | <union1,2> | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | Using temporary |

[SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A [LEFT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-functions.html#function_left) OUTER JOIN B ON A.name = B.name

SQL-запрос успешно выполнен.

| [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) |
| --- | --- | --- | --- |
| 1 | Pirate | 2 | Pirate |
| 3 | Ninja | 4 | Ninja |
| 2 | Monkey | *NULL* | *NULL* |
| 4 | Spaghetti | *NULL* | *NULL* |

| **id** | **select\_type** | **table** | **partitions** | **type** | **possible\_keys** | **key** | **key\_len** | **ref** | **rows** | **filtered** | **Extra** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | SIMPLE | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 1 | SIMPLE | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | Using where; Using join buffer (Block Nested Loop) |

4.

[SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A [LEFT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-functions.html#function_left) OUTER JOIN B ON A.name = B.name WHERE B.id [IS](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) null

SQL-запрос успешно выполнен.

| [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) |  |
| --- | --- | --- | --- | --- |
| 2 | Monkey | *NULL* | *NULL* |  |
| 4 | Spaghetti | *NULL* | *NULL* |  |

| **id** | **select\_type** | **table** | **partitions** | **type** | **possible\_keys** | **key** | **key\_len** | **ref** | **rows** | **filtered** | **Extra** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | SIMPLE | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 1 | SIMPLE | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 25.00 | Using where; Not exists; Using join buffer (Block ... |

1. Не работает

SELECT \* FROM A

FULL OUTER JOIN B

ON A.name = B.name

WHERE A.id IS null

OR B.id IS null

[SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A [LEFT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-functions.html#function_left) OUTER JOIN B ON A.name = B.name WHERE A.name [IS](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) null [OR](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_or) B.name [IS](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) null UNION [SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM A [RIGHT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-functions.html#function_right) OUTER JOIN B ON A.name = B.name WHERE A.name [IS](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) null [OR](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_or) B.name [IS](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#operator_is) null

SQL-запрос успешно выполнен.

| [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**id**](http://127.0.0.1/openserver/phpmyadmin/sql.php) | [**name**](http://127.0.0.1/openserver/phpmyadmin/sql.php) |
| --- | --- | --- | --- |
| 2 | Monkey | *NULL* | *NULL* |
| 4 | Spaghetti | *NULL* | *NULL* |
| *NULL* | *NULL* | 1 | Rutabaga |
| *NULL* | *NULL* | 3 | Darth Vader |

| **id** | **select\_type** | **table** | **partitions** | **type** | **possible\_keys** | **key** | **key\_len** | **ref** | **rows** | **filtered** | **Extra** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | PRIMARY | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 1 | PRIMARY | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 25.00 | Using where; Not exists; Using join buffer (Block ... |
| 2 | UNION | B | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 100.00 | *NULL* |
| 2 | UNION | A | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | 4 | 25.00 | Using where; Not exists; Using join buffer (Block ... |
| *NULL* | UNION RESULT | <union1,2> | *NULL* | ALL | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | Using temporary |