


The MySQL Syntax for Stored Procedures

The MySQL Syntax for Stored Procedures

- semi-colons 
 - they function as a statement terminator
 - technically, they can also be called delimiters
 - by typing *DELIMITER \$\$*, you'll be able to use the dollar symbols as your delimiter



SQL

DELIMITER \$\$

The MySQL Syntax for Stored Procedures

Query #1 ;

Query #2 ;

call stored_procedure_1 ; →

p_Query #1 ;

p_Query #2 ;

stored procedure

The MySQL Syntax for Stored Procedures

Query #1 ;

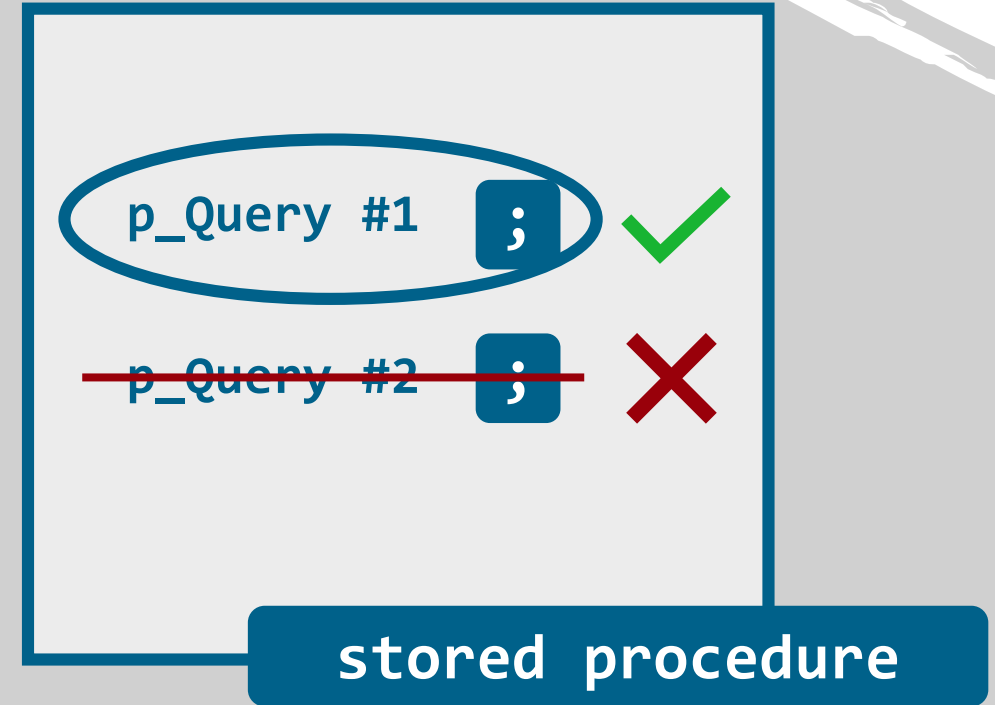
Query #2 ;

call stored_procedure_1 ;

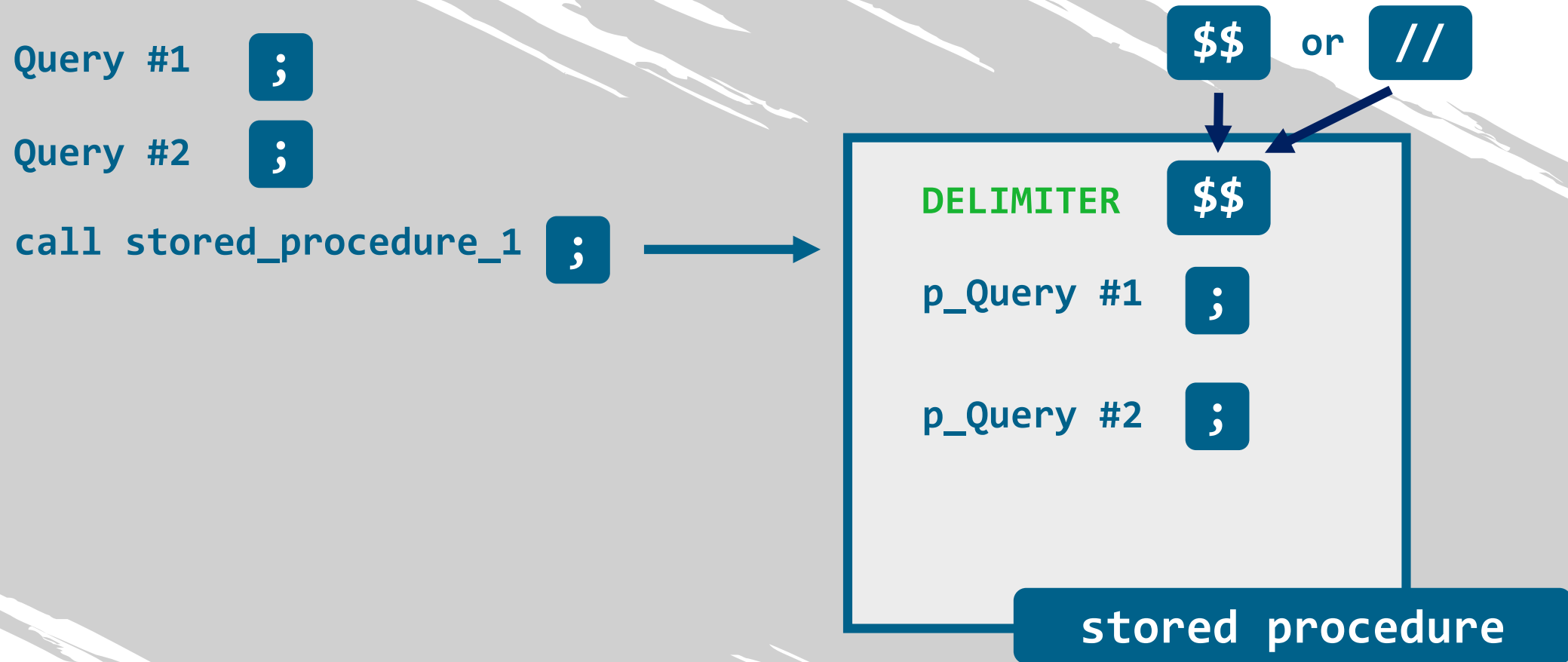
Query #4 ;

Query #5 ;

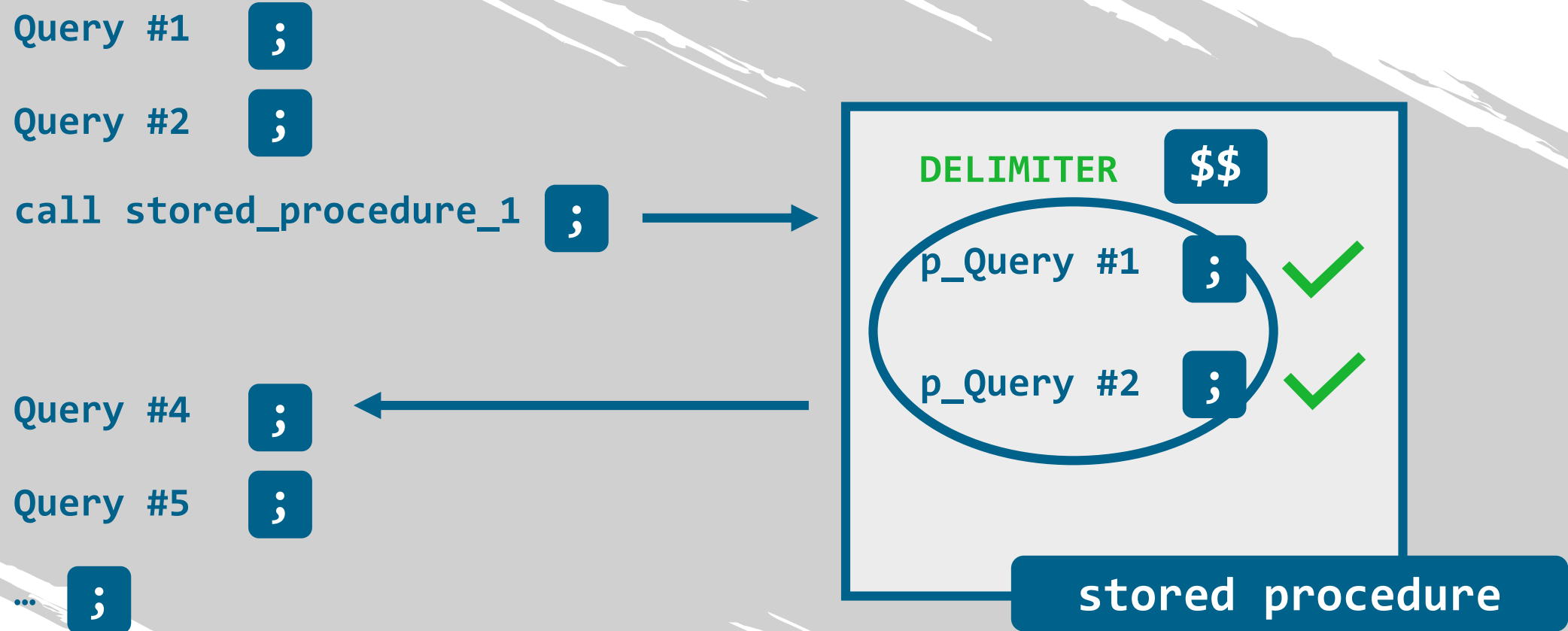
... ;



The MySQL Syntax for Stored Procedures



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The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name(param_1, param_2)
```

Parameters represent certain values that the procedure will use to complete the calculation it is supposed to execute

The MySQL Syntax for Stored Procedures



SQL

DELIMITER \$\$

CREATE PROCEDURE procedure_name()

A procedure can be created without parameters too!

Nevertheless, the parentheses must always be attached to its name

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$  
CREATE PROCEDURE procedure_name()  
BEGIN  
    SELECT * FROM employees  
    LIMIT 1000;  
END$$
```

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```

body of the procedure

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$  
CREATE PROCEDURE procedure_name()  
BEGIN  
    SELECT * FROM employees  
    LIMIT 1000;  
END$$
```

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```

The MySQL Syntax for Stored Procedures



DELIMITER \$\$

CREATE PROCEDURE procedure_name()

SQL



BEGIN

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
SELECT * FROM employees
```

```
LIMIT 1000;
```

```
END$$
```

query

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```



The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```



The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000$$
```

```
END$$
```

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000$$
```



```
END$$
```



The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```

The MySQL Syntax for Stored Procedures



SQL

```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```

```
DELIMITER ;
```

The MySQL Syntax for Stored Procedures



SQL



```
DELIMITER $$
```

```
CREATE PROCEDURE procedure_name()
```

```
BEGIN
```

```
    SELECT * FROM employees
```

```
    LIMIT 1000;
```

```
END$$
```

```
DELIMITER ;
```

From this moment on, \$\$ will not act as a delimiter