# Manipulace s daty

Podíváme se na příkazy:

* INSERT
* UPDATE
* DELETE
* REPLACE
* IGNORE
* TRUNCATE
* Praktiky mazání

## INSERT

### Teorie

Začneme vkládáním. Příkaz se jmenuje INSERT.

* INSERT VALUES ….
	+ Vloží jen jeden záznam
* INSERT SELECT
	+ Například vpro vložení dat z jiné tabuly
	+ Tj. to co jsmezískly pomocí příkazu select můžeme vložit do tabulky (případně dočasné … o té se budeme ještě bavit)

### Syntaxe

INSERT [LOW\_PRIORITY | DELAYED | HIGH\_PRIORITY] [IGNORE]

 [INTO] ***tbl\_name***

 [PARTITION (***partition\_name***,...)]

 [(***col\_name***,...)]

 {VALUES | VALUE} ({***expr*** | DEFAULT},...),(...),...

 [ ON DUPLICATE KEY UPDATE

 ***col\_name***=***expr***

 [, ***col\_name***=***expr***] ... ]

Or:

INSERT [LOW\_PRIORITY | DELAYED | HIGH\_PRIORITY] [IGNORE]

 [INTO] ***tbl\_name***

 [PARTITION (***partition\_name***,...)]

 **SET *col\_name*={*expr* | DEFAULT},** ...

 [ ON DUPLICATE KEY UPDATE

 ***col\_name***=***expr***

 [, ***col\_name***=***expr***] ... ]

Or:

INSERT [LOW\_PRIORITY | HIGH\_PRIORITY] [IGNORE]

 [INTO] ***tbl\_name***

 [PARTITION (***partition\_name***,...)]

 [(***col\_name***,...)]

 **SELECT ...**

 [ ON DUPLICATE KEY UPDATE

 ***col\_name***=***expr***

 [, ***col\_name***=***expr***] ... ]

## UPDATE

### Syntaxe

Single-table syntax:

UPDATE [LOW\_PRIORITY] [IGNORE] ***table\_reference***

 SET ***col\_name1***={***expr1***|DEFAULT} [, ***col\_name2***={***expr2***|DEFAULT}] ...

 [WHERE ***where\_condition***]

 [ORDER BY ...]

 [LIMIT ***row\_count***]

Multiple-table syntax:

UPDATE [LOW\_PRIORITY] [IGNORE] ***table\_references***

 SET ***col\_name1***={***expr1***|DEFAULT} [, ***col\_name2***={***expr2***|DEFAULT}] ...

 [WHERE ***where\_condition***]

## DELETE

### Single-Table Syntax

DELETE [LOW\_PRIORITY] [QUICK] [IGNORE] FROM ***tbl\_name***

 [PARTITION (***partition\_name***,...)]

 [WHERE ***where\_condition***]

 [ORDER BY ...]

 [LIMIT ***row\_count***]

### Multiple-Table Syntax

DELETE [LOW\_PRIORITY] [QUICK] [IGNORE]

 ***tbl\_name***[.\*] [, ***tbl\_name***[.\*]] ...

 FROM ***table\_references***

 [WHERE ***where\_condition***]

Or:

DELETE [LOW\_PRIORITY] [QUICK] [IGNORE]

 FROM ***tbl\_name***[.\*] [, ***tbl\_name***[.\*]] ...

 USING ***table\_references***

 [WHERE ***where\_condition***]