# 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***]