Charset, Collation - utf8_unicode_ci and utf8mb4_0900_ai_ci

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MySQL / MariaDB   Charset(   )   Collation(   )   .

- MySQL 8

Charset   4   . utf8mb4_0900_ai_ci
                     .

- utf8mb4 :   UTF-8   MaxByte 4   .
- 0900 : Unicode Collation Algorithm   . Unicode Collation Algorithm
                                                                                                    .
- ai :   .   ,   e, è, é, ê   ë
- ci :   .   p   P   .

utf8mb4   utf8mb4_0900_ai_ci   MySQL 8.0.1
                    .   utf8mb4_general_ci   .

     (Emojis)   .
utf8mb4_0900_ai_ci   .
        utf8mb4_0900_as_cs   .

                        .

- 4.0 _unicode_
- 5.20 _unicode_520_
- 9.0 _0900_

- _bin –   ;   /   ,
- _ci –   (A=a)   (a=á)
- _ai_ci –   (A=a)   (a=á)
- _as (etc) –   (etc)

- `_bin` – simple, fast
- `_general_ci` – fails to compare multiple letters; eg ss=ß, so somewhat fast
- **…** – slower
- `_900_` – (8.0) much faster because of a rewrite

- https://stackoverflow.com/questions/54885178/whats-the-difference-between-utf8-unicode-ci-and-utf8mb4-0900-ai-ci
- https://www.monolune.com/what-is-the-utf8mb4_0900_ai_ci-collation/

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