

Ã¬Â, Ã¬Â½"Ã«"Â© Ã¬Â'Ã•Â'Ã•~ÃªÂ, Â°

Ã«ÂªÃ«Â¶Â, Ã¬Â, Ã¬Â'Ã«Š" Ã«ÂªÃ«Â¶Â, Ã«Â¬Â, Ã¬žÃ«Â¶Â¼ Â•, Ã¬š"Ã«Â;œ Ã•Â©Ã«Âª«Âª. Ã¬~Ã¬Â, Ã¬~ Ã¬Â°Ã«Â;Ã¬Â
„Â° Ã¬Â, Ã¬Â½"Ã«"Â©Ã¬€ Ã...Ã¬ŠÂªÃŠÂ, Ã«Â¶Â¼ Ã¬Â €Ã¬žÃ¶Â~ÃªÂ, Â° Ã¬œ„Ã•~Ã¬—Â¬ Â•, Ã¬š"Ã•œ Ã«"Ã¬ŠÂªÃ¬
ÃªÂ³ÂµÃªÂ° „Ã¬~ Ã¬¬'Ã¬, Ã¬Âª„Ã¬Â'ÃªÂ, Â° Ã¬œ„Ã•~Ã¬—Â¬ "Ã¬Â°Ã«Â;Ã¬Â, Â° Ã¬, „Â, ÃŠÂ, " Ã«Â¹ 255 Ã¬Â°Ã«Â;Ã¬Â, Â°Ã«Â;œ
Ã¬Â œÃ•œÃ«~Ã¬¬' Ã¬ž^Ã¬—^Ã¬ŠÂµÃ«Âª«Âª. Ã«Â³Â, Ã«ž~Ã¬~ Ã¬Â°Ã«Â;Ã¬Â, Â° Ã¬, „Â, ÃŠÂ, , ASCII, sm 128 Ã¬Â°Ã«Â;Ã¬Â-
„Â°Ã«Â;œ Ã¬Â œÃ•œÃ«~Ã¬¬' Ã¬ž^Ã¬—^ÃªÂ³Â, Ã¬~Ã¬¬'Ã¬—ÃŠ" Ã¬Â Ã«Â¹Ã¬^Ã¬ŠÂµÃ«Âª«Âª.

Ã¬œÂ Ã«Âª^Ã¬Â½"Ã«"œ Ã™ œÃ«™ ÃªÂ³Â¼ UTF-8 Ã¬Â, Ã¬Â½"Ã«"Â©Ã¬€ Ã«Âªª"Ã«"Â Ã¬¬Â, Ã¬¬'Ã¬— Ã«œÃ•~Ã¬—Â¬
Ã«Âªª"Ã«"Â Ã¬Â°Ã«Â;Ã¬Â, Â°Ã«Â¶Â¼ Ã¬ÂµœÃ«œÃ•œ ŠÂ"ÃªÂ³Â¼Ã¬Â Ã¬œÂ¼Ã«Â;œ Ã¬Â§€Ã¬>Ã•~ÃªÂ, Â°Ã¬œ„Ã•~Ã¬—Â¬
Ã¬fÃ¬, Â±Ã«~Ã¬—^Ã¬ŠÂµÃ«Âª«Âª.

Ã«Â°Ã, ÂªÃ«Š" Ã«, Â'Ã«Â¶€Ã¬Â Ã¬œÂ¼Ã«Â;œ Ã«Âªª"Ã«"Â Ã¬ž'Ã«™ Ã¬— Ã«œÃ•~Ã¬—Â¬ UTF-8 Ã¬, „Ã¬, Â¬¬šÂ©Ã•~ÃªÂ³Â
Ã¬ž^Ã¬œÂ¼Ã«Â©Â°, Ã«Â§ÂªÃ¬šÂ° Ã¬~ÂªÃ«žœ Ã¬œœÃªÂ°, Ã«™ Ã¬¬^ ÃªÂ·Â, Ã«Â †Ãª²œ Ã•Â'Ã¬™ "Ã¬ŠÂµÃ«Âª«Âª.

Ã¬Â, Ã¬Â½"Ã«"Â© Ã¬œœÃ«, ~Ã«Â;Ã¬Â¬Ã¬~Âª

Ã•~Ã¬Â§€Ã«Â§œ, MySQL Ã¬€ Ã«Â³Â'Ã«Âª«Âª, ~Ã¬€ ŠÂ"Ã¬œÂ"Ã¬, Â±Ã¬, Ã¬œ„Ã•~Ã¬—Â¬ Ã«Âªª«Â¶Â,
Ã¬Â, Ã¬Â½"Ã«"Â©Ã¬, „Ã¬, Â¬¬šÂ©Ã•~Ã«Š" ÃªÂ²fÃ¬, „Ã¬^Ã¬šÂ©Ã•Â©Ã«Âª«Âª. ÃªÂ³Â¼ÃªÂ±Â°Ã¬—ÃŠ", Ã«Â°Ã, ÂªÃªÂ°
MySQL Ã¬—Ãª²œ Ã¬Â œÃª³ÂµÃ•~Ã«Š" Ã¬Â»Â"Ã...Ã¬Â, Â¬— Ã«œÃ•~Ã¬—Â¬ Ã¬ž^Ã«Âª»Ã«œ Ã¬Â •Ã«Â³Â'Ã«Â¶Â¼
Ã¬Â œÃª³ÂµÃ•~Ã¬~€Ã¬ŠÂµÃ«Âª«Âª. Ã«Âªª¬¬'Ã•œ Ãª²Â°Ãª³Â¼ÃªÂ°€ Ã¬Â'^Ã«ž~Ã«Â Ã¬~ Ã¬ž^Ã¬—^Ã¬ŠÂµÃ«Âª«Âª.

UTF-8 Ā→,Ā→Ā«Ā;€

Ā→Ā'Ā→fĀ→Ā Ā→Ā, Ā→œĀ«„Ā«Ā!Ā→Ā→ĀĀĀ→Ā→„œĀ«Š", MySQL Ā«Ā°Ā→Ā'Ā,,Ā°Ā«Ā²Ā Ā→Ā'Ā→šĀĀ Ā→„œĀ«Ā²„Ā²Ā°€ UTF-8 Ā→Ā,Ā→Ā½"Ā«"Ā©Ā→„Ā«Ā°Ā→•„Ā«"ĀĀĀ→Ā'Ā²Ā³Ā Ā«Ā°Ā→Ā'Ā,,Ā°Ā«Ā¥Ā¼ UTF-8 Ā«Ā;œ Ā→Ā €Ā→žĀ¥Ā•~Ā«„Ā«Ā; →„ĀĀĀ→Ā•Ā«~Ā«Š" Ā²Ā²fĀ→ž...Ā««Ā««ĀĀ. Ā«Ā²Ā"Ā«"Ā Ā²Ā,Ā°Ā«Ā¥Ā→Ā'Ā→Ā•Ā→fĀ→Ā Ā→œĀ¼Ā«Ā;œ Ā→ž'Ā«™Ā•~Ā→~€Ā²Ā³Ā Ā«Ā°Ā→Ā'Ā,,Ā°Ā²Ā°€ Ā««ĀĀĀ«Ā¥Ā, Ā→'Ā→šĀ©Ā"„Ā«Ā;œĀ²Ā•Ā,Ā«žĀ"Ā→œĀ¼Ā«Ā;œĀ«Ā¶€Ā,,Ā°Ā→žĀ→œĀ Ā«Ā;ĀĀ²Ā²€ Ā→Ā'Ā²ĀĀ¼Ā«Ā Ā→~ Ā→ž'Ā→Ā→Ā→šĀĀĀ««Ā««ĀĀ. Ā→Ā'Ā«ĀĀ Ā•œ Ā«Ā°Ā°ĀĀ→ĀĀĀ→€ Ā→Ā'Ā«ŸĀ°Ā→„ĀĀĀ→Ā•Ā→œĀ¼Ā«Ā;œ Ā«„Ā««Ā→Ā•~Ā²Ā²€ Ā«~Ā«Š" Ā→„Ā,Ā€...Ā→„Ā→Ā œĀ²Ā³ĀĀĀ•~Ā→~€Ā→šĀĀĀ««Ā««ĀĀĀ«Āš€, Ā«€€Ā«Ā¶€Ā«Ā¶„Ā→~ Ā²Ā²Ā½Ā→šĀ°, Ā→œĀ→šĀĀĀ...œ Ā²Ā'€Ā«Ā!Ā→Ā→žĀ²Ā°€ Ā²Ā°œĀ→ž...Ā→„Ā•Ā'Ā→•Ā¼Ā«Āš€ĀĀ→Ā→šĀĀĀ««Ā««ĀĀ.

LATIN Ā→,Ā→Ā«Ā;€

Ā«ĀšžĀ→€ Ā²Ā²Ā½Ā→šĀ°, MySQL Ā→Ā'Ā→Ā»Ā"Ā...Ā→Ā,Ā Ā«Ā¥Ā¼ Ā«€€Ā«Ā¶€Ā«Ā¶„Ā→~ Ā→„œĀ→œĀ Ā«ŸĀ½ Ā→Ā,Ā→Ā'Ā→Ā→Ā Ā→Ā Ā→Ā Ā«Āœ Ā→Ā,Ā→Ā½"Ā«"Ā©Ā→Ā, latin1 Ā→œĀ¼Ā«Ā;œ Ā«Ā°Ā→•„Ā«"ĀĀĀ→Ā'Ā²Ā³Ā Ā→Ā €Ā→žĀ¥Ā•~Ā«„Ā«Ā; Ā→„ĀĀĀ→Ā•Ā«~Ā→Ā→šĀĀĀ««Ā««ĀĀ. Ā→Ā'Ā«ŸĀ→Ā•œ Ā→„ĀĀĀ→Ā•Ā•Ā→Ā→Ā→„œĀ«Š" Ā«Ā°Ā,ĀĀĀ²Ā°€ Ā→Ā „Ā«Ā©Ā'Ā→Ā→Ā→„œĀ«Š" Ā→Ā œĀ«€€Ā«Ā;œ Ā→ž'Ā«™Ā→Ā→šĀĀĀ««Ā««ĀĀ, Ā•~Ā→Āš€Ā«Āš€, Ā««ĀĀĀ→€Ā²Ā³Ā¼ Ā²Ā°™Ā→€ Ā«Ā¶€Ā→ž'Ā→šĀ©Ā→Ā'Ā→ž'Ā→Ā→Ā→šĀĀĀ««Ā««ĀĀ:

- Ā«Ā°Ā,ĀĀĀ→Ā→Ā→~Ā•~Ā→Ā→Ā→Ā Ā→Ā €Ā→žĀ¥Ā«œ Ā«Ā°Ā→Ā'Ā,,Ā°Ā«Ā¥Ā¼ phpMyAdminĀ²Ā³Ā¼ Ā²Ā°™Ā→€ Ā««ĀĀĀ«Ā¥Ā, Ā→'Ā→šĀ©Ā"„Ā«Ā;œĀ²Ā•Ā,Ā«žĀ"Ā→Ā→Ā→„œ Ā→Ā¶"Ā→Ā¶œĀ•~Ā«Š" Ā²Ā²fĀ→Ā'Ā→Ā'Ā→fĀ•~Ā²Ā²€ Ā→Ā,Ā→Ā½"Ā«"œĀ«œ Ā→Ā°Ā«Ā!ĀĀ,,Ā°Ā«"ĀĀĀ→Ā'Ā«Ā°œĀ→fĀ→Ā•~Ā²Ā²€ Ā«~Ā→Ā→Ā««ĀĀ.
- Ā«Ā°Ā→Ā'Ā,,Ā°Ā«Ā²Ā Ā→Ā'Ā→šĀĀĀ«Ā¥Ā¼ Ā««ĀĀĀ«Ā¥Ā, Ā→„œĀ«Ā²„Ā«Ā;œ Ā→Ā'Ā«™Ā•~Ā«Š" Ā²Ā²fĀ→Ā'Ā→~Ā→Ā,Ā;Ā•~Ā→Āš€ Ā«Ā²Ā»Ā•œ Ā→~ĀĀĀ«Ā¥~Ā«Ā¥Ā¼ Ā→•Ā¼Ā²Ā,Ā°Ā→Ā•~Ā→~€Ā««ĀĀ.
- Ā«Ā²Ā©Ā→Ā°Ā"Ā→Ā→Ā→œĀ→„œĀ«Ā¥Ā¼ Ā«Ā¶€Ā→Ā→Ā→Ā•~Ā«Š" Ā²Ā²fĀ→Ā'Ā«Ā→Ā'Ā→ž'Ā→œ,,Ā→Ā²~Ā«ŸĀ¼ Ā«Ā³Ā'Ā→~€Ā««ĀĀ.

~«”~«Â, ” ~-Â,~-Â½”~«”Â©

~«œ€~«Â¶¶~«Â¶¶,~- ~ ~ªÂ³Âµ~-œÂ ~-Â,~-ŤÂœ~«...~-~-~,œ~«š” ~-,~-~-â´ššÂ, ~ªÂ´€~«Â!Â-~-žªÂ°€ ~-,œ~«Â²,, ~-f~- ~ ~ªÂ,Â°~«Â³Â, ~-~-Â°~ªÂ²Â° ~-Â,~-Â½”~«”Â©~- ~-~«œ€~«”~-~-Â-~-Â œ~-~-â´ššÂ¶œ~-~-â´ ~-~-ŤÂµ~«^~«~«Âœ ~-~-Â°~ªÂ²Â° ~-Â,~-Â½”~«”Â©~-€ latin1 ~-œÂ¼~«Â;œ ~-~,~-~-ŤÂ©~«”~ªÂ³Â ~-ž´~-,, ~-~”~«,, ~-ž´~-ŤÂµ~«^~«~«Âœ. ~-~ªÂš€~«Âšœ, ~«Â°~-Â´~,,Â°~«Â²Â ~-Â´~-ŤÂœ~«Â½~«Â¼ ~-f~-,,Â±~·Â ~«•œ, ~-~,~-~-â´ššÂ, ~ªÂ´€~«Â!Â-~-ž~«š” ahems djsdjmfmf wldnjsgkrl dnlgkdu ~«Â°~-Â´~,,Â°~«Â²Â ~-Â´~-ŤÂœ~«Â½~«Â¼ UTF-8 ~-œÂ¼~«Â;œ ~«Âšœ~«”~«~ªÂ²œ ~«Â©~«~«Âœ.

~-â´ ~«ŸÂ-~·œ ~-,~ª~Â-Â´·~-€ ~ªÂ, Â°~ªÂ´~´~-ŤÂœ~«ŸÂ-~-šâ´ ššâ´~ªÂ³Â¼~«Â½~«Â¼ ~«,,Â³~ªÂ²œ ~«~~-^-~-ŤÂµ~«^~«~«Âœ ~«Â°~,,Âª~ªÂ°€ UTF-8 ~«Â°~-Â´~,,Â°~«Â½~«Â¼ ~-Â´,~-ŤÂ;~·Â ~«•œ, MySQL ~-€ ~-â´~ªÂ²f~-â´ latin1 ~-â´~«Â¼~ªÂ³Â ~«Â°~»~-·,,~«”~«~ªÂ-Â´~«š” ~ªÂ²f~-ž...~«~«^~«~«Âœ. ~«Â°~-Â´~,,Â°~«Â²Â ~-Â´~-ŤÂœ~ªÂ°€ UTF-8 ~-, ~-š”~-Â²Â~·~_-~€~ªÂ,Â° ~«•œ~«Â-Â´~-, ~«Â³€~™~~-,, ~-~œ~«,,~·~ªÂ³Â ~-â´~-Âœ~«Â¼~«Â;œ ~-Â´,~-Â½”~«”œ~œ UTF-8 ~-, ~-·Â¼~ªÂ,Â°~·~ªÂ²œ ~«~~-^-~-ŤÂµ~«^~«~«Âœ.

~”~-,~-â´~ª~-~-~,œ ~-â´~«ŸÂ-~·œ ~ªÂ²Â°~ªÂ³Â¼~«š” latin ~-,~-~«Â;€~-™€ ~«Âš~ª~-ŤÂ° ~-œÂ ~-,~-Â´·~ªÂ²œ ~«~~-^-~-ŤÂµ~«^~«~«Âœ.

~-Â·~«Â³Â´ ~-Ť~-«Âœ

~«Âšœ~«Â½ ~-,œ~«Â²,,~ªÂ°€ ~ªÂ, Â°~«Â³Â, ~-Â ~-œÂ¼~«Â;œ UTF-8 ~-~-Â°~ªÂ²Â°~-, ~«Â°~»~«,,~«Â; ~-,~ª~Â-Â´·~«~ªÂ³Â ~«Â°~-Â´~,,Â°~«Â²Â ~-Â´~-ŤÂœ~ªÂ°€ latin1~-œÂ¼~«Â;œ ~-f~-,,Â±~«~-~-^-~«~«Âœ~«Â©â´, ~-Â°~ª~ª~«š” ~-~ª~-~«Â°”~«Â½~«Â²œ UTF-8 ~«Â°~-Â´~,,Â°~«Â½~«Â¼ ~«Â³â´~«,,Â¼ ~ªÂ²f~-â´~ªÂ³Â MySQL ~-€ ~ªÂ·Â´~«Â½~«Â¼ ~-â´,~-«Â´·Â ~ªÂ²f~-ž...~«~«^~«~«Âœ. ~·~ªÂš€~«Âšœ ~-â´€~-ž~ª~·Â ~-~œ~ªÂ°,,~-â´ ~«~~-^-~-,, ~«•œ, ~«Â°~-Â´~,,Â°~«š” latin1 ~-œÂ¼~«Â;œ ~«Â³€~™~«Â ~ªÂ²f~-ž...~«~«^~«~«Âœ. UTF-8 ~-â´ ~ªÂ,Â°~ªf€ ~-â´,~-Â½”~«”Â© ~-â´...~«Â½~«Â³â´~«~«Âœ ~«” ~«Âšž~-€ ~-Â°~«Â!Â,,Â°~«Â½~«Â¼ ~«Â³â´~-œÂ ~·Â ~-^~ ~-ž´~ªÂ,Â°~«•œ~«Â-Â´,~-,, ~-·œ~«Â ~ª~-Âš€~«Âš€ ~«Â°~«Â!Â~,,Â°~«Â;œ ~«Â³€~™~«Â~-^-~-ŤÂµ~«^~«~«Âœ.

~«Â°~-Â´~,,Â°~«Â²Â ~-Â´~-ŤÂœ ~-Â´,~-Â½”~«”Â©~- ~-~·~ª~-Â´ ~-Âš€~«Â´~«~ª~-Âš€ ~-·š~«š” ~«Â¹,,~-Âš€~«Â´ ~-Â´,~-â´~ª~ª~«š”, ~«Âª”~«”~ª ~ªÂ,Â°~«š~ª~-€ ~«Â°~ª~ª~ª~-~,œ ~-~ª~-~«Â°”~«Â½~«Â²œ ~-ž´~ª~™~·Â ~ªÂ²f~-ž...~«~«^~«~«Âœ.

Ä«Ä³€ÄªÄ²Ä¹/₂Ä« , Ä´Ä¬—Ä

Tiki5 Ä¬—Ä¬,œ Ä¬Ä´Ä«ÿÄ¬Ä•œ Ä«Ä¬Ä, Ä¬Ä œÄ¬Ä Ä«Ä¬Ä¬, Ä•Ä´ÄªÄ²Ä°Ä•~Ä«Ä Ä¬Ä¬ÄªÄ³Ä ,

Ä«Ä¶€Ä«Ä¶,,Ä¬Ä Ä¬œÄ¹/₄Ä«Ä¶;œÄ«Š” Ä¬Ä¬ÄªÄœÄ”Ä•œ Ä¬œÄ«,, Ä¬Ä´Ä»,,, Tiki51 Ä¬—Ä¬,œ Ä«” Ä«Ä§ŽÄ¬€ Ä¬,,Ä ÄfÄ¬,Ä¬Ä•Ä¬Ä¬ Ä¬Ä´ Ä¬Ä¶”ÄªÄ°€Ä«~Ä¬—Ä¬ŠÄµÄ«Ä´Ä«Ä¬.

Ä¬Ä´ Ä¬,,Ä¹Ä¬...~Ä¬—Ä¬,œÄ«Š” 5.1 Ä«Ä¶;œÄ¬~ Ä¬—...ÄªÄ•Ä, Ä«Ä´Ä´Ä«”œÄªÄ°€ ÄªÄ•€Ä•~Ä¬~ Ä¬,,ÄªÄ¬Ä¹~Ä¬—Ä¬—Ä´Ä«—Äª Ä¬~Ä¬Ä¶Ä¬,, Ä«Ä¬Ä, Ä¬Ä¹Ä Ä¬Ä§€ Ä¬,,ÄªÄ«Äª...Ä•Ä©Ä«Ä´Ä«Ä¬.

2.X, 3.X Ä~Ä¹Ä¬€ 4.X Ä¬—Ä¬,,œ Ä¬—...ÄªÄ•Ä, Ä«Ä´Ä´Ä«”œÄ•~ÄªÄ, Ä°

Ä¬Ä´Ä¬Ä , Ä«Ä²,,Ä¬Ä ,Ä«Ä¬Ä¬Ä¬—Ä¬,œ Ä¬Ä°Ä,ÄªÄ«Š” Ä«Ä°Ä¬Ä´Ä,Ä°ÄªÄ°€ Ä«Ä³€Ä¬Ä§´Ä«~Ä«Š” ÄªÄ²fÄ¬,, Ä”Ä¹/₄Ä•~ÄªÄ, Ä° Ä¬œ,,Ä•~Ä¬—Ä¬ Ä¬,,ÄªÄ¬Ä¹~Äªœ ÄªÄ•Ä, Ä«œÄ¶Ä;œ ÄªÄ³,,Ä¬† Ä¬Ž´Ä«™ Ä•Ä ÄªÄ²fÄ¬Ž...Ä«Ä´Ä«Ä¬.

Ä¬Ä, Ä¬Ä¹/₂”Ä«”Ä© Ä«Ä¬Ä, Ä¬Ä œÄ«Ä¶Ä¹/₄ Ä¬~Ä¬Ä •Ä•~Ä«Š” ÄªÄ²fÄ¬€ Ä¬~Ä«™ ÄªÄ°œÄ¬Ž...Ä¬,, Ä•,,Ä¬š”Ä«Ä¶;œ Ä•Ä ÄªÄ²fÄ¬Ž...Ä«Ä´Ä«Ä¬. Ä¬Ä°Ä,Äª Ä¬,,ÄªÄ¬Ä¹~ÄªÄ´€Ä«Ä¶Ä¬Ä¬—Ä¬—Ä«Š” Ä«Ä³€Ä™~Ä¬,, Ä¬Ä§€Ä¬Ä¬Ä•~ÄªÄ, Ä° Ä¬œ,,Ä•œ Ä«,,ÄªÄµÄ¬ÄªÄ°€ Ä¬Ž´Ä¬ŠÄµÄ«Ä´Ä«Ä¬. Ä•~Ä¬Ä§€Ä«Ä§œ, Ä«,,ÄªÄµÄ¬Ä¬Ä«Ä¬Ä¬,, Ä¬,Ä¬Ä¬šÄ©Ä•~ÄªÄ, Ä° Ä¬Ä ,Ä¬—Ä¬Ä¬Ä Ä«Ä¶Ä°Ä•Ä Ä¬~Ä¬—Ä¬ž´Ä«Š” Ä«Ä°Ä±Ä¬—...Ä¬,, Ä•Ä´Ä«Ä´Ä¬...”Ä¬•Ä¹/₄ Ä•Ä©Ä«Ä´Ä«Ä¬. Ä«Ä°Ä¬Ä´Ä,Ä° Ä«Ä,Ä´Ä«Ä³Ä´Ä«Ä,Ä´ÄªÄ, Ä° Ä«ÄªÄ”,,ÄœœÄ¬Ä¹/₄ Ä¬~Ä¬Ä •Ä•~ÄªÄ, Ä° ÄªÄ•Ä, Ä«Ä¶Ä¹/₄ Ä«Ä¬ÄªÄ¬œ Ä«Ä¶´Ä«ÿÄ¬Ä¬~ÄªÄªÄ, Ä° Ä«Ä±Ä¬Ä´ ÄªÄ´€Ä«Ä´Ä¬Ä«~Ä«Š” Ä«Ä¬ÄªÄ«Ä¶Ä, Ä«Ä°Ä©Ä¬Ä¬,, Ä¬,Ä¬Ä¬šÄ©Ä«Ä Ä¬~Ä¬—Ä¬ž´Ä¬ŠÄµÄ«Ä´Ä«Ä¬.

Ä«Ä°Ä¬Ä´Ä,Ä° Ä¬†Ä¬Ä¬Ä¬,, Ä”Ä¹/₄Ä•~ÄªÄ, Ä° Ä¬œ,,Ä•~Ä¬—Ä¬, Ä...œÄ¬Ä´Ä«Ä, ”Ä¬Ä´ UTF-8 Ä¬,, Ä¬,Ä¬Ä¬šÄ©Ä•~ÄªÄ³Ä Ä¬ž´Ä«Ä¬Ä«Š” ÄªÄ²fÄ¬,, Ä™•Ä¬Ä, Ä•~Ä¬—...”Ä¬•Ä¹/₄ Ä•Ä©Ä«Ä´Ä«Ä¬. Ä¬Ä´Ä«Š” Ä¬,,ÄªÄ¬Ä¹~Ä”,,Ä«Ä¶;œÄªÄ•Ä, Ä«ŽÄ”Ä¬~Ä¬,,ÄªÄ¬Ä¹~/Ä¬—...ÄªÄ•Ä, Ä«Ä´Ä´Ä«”œ Äž~Ä¬Ä´Ä¬Ä§€Ä¬—Ä¬,,œ Ä¬Ä§,,Ä¬%Ä•Ä Ä¬~Ä¬—Ä¬ž´Ä¬ŠÄµÄ«Ä´Ä«Ä¬.

Ä¬Ä´Ä¬Äª´ Ä¬Ä, Ä¬Ä¹/₂”Ä«”Ä©Ä¬,, Ä¬,ÄªÄ¬Ä œÄ•~Ä«Š” ÄªÄ²fÄ¬€ Enter Your Tiki Ä¬—Ä¬,œ Ä¬Ä§,,Ä¬%ÄªÄ°€Ä«ŠÄ¶Ä¬•Ä©Ä«Ä´Ä«Ä¬. Ä¬Ä´Ä«Š” ÄªÄ´Ä«Ä¹/₄Ä¬Ä´Ä¬Ä, ÄšÄ, Ä¬Ä°Ä«Ä¶Äª,,Ä°Ä¬,,Ä, ÄšÄ, Ä«Ä¶Ä¹/₄ UTF-8 Ä«Ä¶;œ ÄªÄ°•Ä¬Ä œÄ«Ä¶;œ Ä¬,,ÄªÄ¬Ä •Ä•~Ä«Š” ÄªÄ²fÄ¬Ä´ Ä•,,Ä¬š”Ä•Ä©Ä«Ä´Ä«Ä¬.

Ä«Ä¬ÄªÄ¬œÄ¬— Ä¬,,ÄªÄ«Äª...Äªœ Ä«Ä¬ÄªªÄ³,,Ä«Ä¶Ä¹/₄ Ä«”Ä°Ä«Ä¹/₄Ä¬,,œ Ä¬Ä§,,Ä¬%Ä•~Ä¬—Ä¬ Ä¬ÄfÄ¹/₄Ä¬Ä¬œÄ¬~Äª: http://doc.tiki.org/Upgrade#Fix_the_encoding_issue

5.0 $\tilde{A} \rightarrow \text{---} \tilde{A} \rightarrow \text{,,} \text{C} \tilde{A} \rightarrow \text{---} \dots \tilde{A} \hat{=} \hat{A} \cdot \hat{A} \text{,} \tilde{A} \ll \hat{A} \text{ } ^ \tilde{A} \rightarrow \hat{A} \text{ ' } \tilde{A} \ll \text{ " } \text{C}$

In default 5.0 installations and upgrades, the connection character set was specified automatically in the configuration file.

New 5.0 installations correctly specified the connection encoding and will lead to either the UTF-8 case or the information loss case.

Upgraded 5.0 installations will lead to different results. However, the upgrade procedure to 5.1 does not impact the changes that were made at that time. Some administrator judgment is advised if encoding issues appear. The client character set can be altered in the configuration file. Contact the developer [mailing list](#) if support is required.

NEW 5.1 INSTALLATIONS

New 5.1 installations will specify the connection encoding to UTF-8 by default. If the database is not in UTF-8, this will lead to information loss. The installer will propose that you convert your database to UTF-8.

If you have no control over the database encoding and still need to use non-latin characters (ex.: Arabic) , it is best not to force the connection encoding to UTF-8 or to set it as the same encoding as the database itself. It will lead to the latin case, which comes with certain downfalls, but still allow for multiple languages to be used on a single site.

IF YOU CAN CONTROL YOUR DATABASE ENCODING

Pre-Tiki6, make sure to set your MySQL (via PhpMyAdmin for example) so that new tables are also created in UTF-8. In general, for your databases, look for "MySQL connection collation:" and if it's at latin_1, change it to utf8_general_ci. (Generally, this is already the case in typical shared hosting)

Then, in PhpMyAdmin, go to the database you'll be using your Tiki in Server: localhost -> Database: tiki -> Operations -> Collation, and also change from latin_1 to utf8_general_ci before running the installer. (Generally, this needs to be changed in typical shared hosting)

This is the equivalent of the following MySQL statement:

```
ALTER DATABASE DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;
```

TIKI 5.2 OR 5.3

If you have file upload issues (just upload an image and you will see if it works or not), you can solve by

- applying revision [30522](#), which fixes it (and will be 5.4)

If you can't do that, you can try to

- add `$api_tiki='adodb'`; to your `db/local.php`,

and/or not forcing utf8

In db/local.php

```
$client_charset='utf8';
```

Now commented out

```
// $client_charset='utf8';
```

TIKI 5.4

On a fresh install, Tiki5.4 will by default set the tables to be UTF-8 and commit 30522 will be present.

TIKI6

On a fresh install, Tiki6 will by default set the tables to be UTF-8.

Ã¬Â, Ã¬Â½"Ã«"Â© Ã«Â¬Â, Ã¬Â œÃ«Â¥Â¼ Ã-
•Â´Ã²Â°Ã•~Ã²Â,Â°Ã¬œ,,Ã•œ
Ã«<Â"Ã²Â³,,Ã«Â³,, Ã¬Â ^Ã¬Â°Â"

http://doc.tiki.org/Upgrade#Fix_the_encoding_issue Ã«Â¥Â¼ Ã¬,Â´ÃŽÂ´Ã«Â³Â´Ã¬<Ã¬¬œÃ¬~Â¸.

Ã¬Â°Â, Ã¬Â;Â°

Ã«<Â¸Ã¬œÃ¬¬Ã¬,,œÃ«Š" Ã¬Â, Ã¬Â½"Ã«"Â© Ã«Â¬Â, Ã¬Â œÃ«Â¥Â¼ Ã¬<Ã¬¬Â, ÂµÃ¬Â Ã¬œÂ¼Ã«Â;œ Ã«<Â¸Ã«Â¸Â"Ã²Â³Â
Ã¬ž^Ã¬œÂ¼Ã«Â°Â Ã«Â°Ã¬Â´Ã,,Â°Ã«Â¥Â¼ Ã¬f^ UTF8 Ã¬œÂ¼Ã«Â;œ Ã¬Â, Ã¬Â½"Ã«"œÃ«œ Ã«Â°Ã¬Â´Ã-
,,Â°Ã«Â²Â Ã¬Â´Ã¬ŠÂ¸Ã«Â;œ Ã«Â¶^Ã«ŸÂ¬Ã¬~Â¸Ã²Â,Â°Ã«Â¥Â¼ Ã•œ Ã>,,, Ã«Â¬Â, Ã¬Â œÃ«Â¥Â¼
Ã¬,,Â±Ã²Â³ÂµÃ¬Â Ã¬œÂ¼Ã«Â;œ Ã•Â´Ã²Â²Â°Ã•~Ã«Š" Ã«Â°Â©Ã«Â²•Ã¬,, Ã¬,,Â¸Ã«Â²...Ã•Â©Ã«<^Ã«<Â¸.

[Getting out of MySQL Character Set Hell](#)