

™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā" ĀfĒ' Āçâ, ¬ ĀfĀçĀçâ€šĀ ¬Āçâ€žĀçĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā^{1/2}

- ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Ā, ĀçĀfĀçĀçâ, ¬Ā; Ā, Ā ¬Āfâ€šĀ, Ā! ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā¶ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā® ĀfĒ' Āçâ, ¬ ĀfĀçĀçâ€šĀ ¬Āçâ€žĀçĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā© ĀfĒ' Ā, ĀçĀfĀçĀçâ€šĀ ¬Ā...Ā^{3/4} Āfâ€šĀ, ĀçĀfĒ' Ā, ĀçĀfĀçĀçâ, ¬Ā; Ā, Ā ¬Āfâ€šĀ, Ā^{3/4} ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā! ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā³ ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā":

- ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Ā, ĀçĀfĀçĀçâ, ¬Ā; Ā, Ā ¬Āfâ€šĀ, Ā! ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā³ ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā° ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā^{1/2} Tiki ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā! ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā, ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā" ĀfĒ' Āçâ, ¬ ĀfĀçĀçâ€šĀ ¬Āçâ€žĀçĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā^{1/2} ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā§ ĀfĒ' Ā, ĀçĀfĀçĀçâ, ¬Ā; Ā, Ā ¬Āfâ€šĀ, Ā° ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā¹ ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā! ĀfĒ' Ā, ĀçĀfĀçĀçâ€šĀ ¬Ā...Ā; Āfâ€šĀ, Ā ¬ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā§

- ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā§ ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā^{3/4} ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Āçâ, ¬Ā; ĀfĀçĀçâ€šĀ ¬Āçâ€žĀçĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā°

- ĀfĒ' Ātâ€™ Āfâ€ Āçâ, ¬â,, çĀfĒ' Āçâ, ¬Ā; Āfâ€šĀ, Ā∓ĀfĒ' Ātâ€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfĒ' Āçâ, ¬

Â;Ăfâ€šĂ,Â½ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă;ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă
„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂşĂfÆ'Ă,ĂĉĂfĂĉĂĉâ,-Ă;Ă,Ă-ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉ
â,-Ă;Ăfâ€šĂ,Ă"ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă"ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă
...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă;ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ€šĂ-Ă...Ă¾Ăfâ€šĂ,ĂĉĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă
„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂxĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă,ĂfÆ'Ătâ€™
ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂªĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă"
ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă-ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ,-Ă;Ă,Ă-Ăfâ€!Ă,Ă¾
ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂxĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-
Ă;Ăfâ€šĂ,Ă¼ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă°

◦ ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă!ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ,-Ă;Ă,Ă-Ăfâ€šĂ,Ă°ĂfÆ'
Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă'ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ
€šĂ,Ă!ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ,-Ă;Ă,Ă-ĂfĂĉĂĉâ€šĂ-Ă...ă€œĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'
Ăĉâ,-Ă;Ăfâ€šĂ,Ă°ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă"ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ
-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă;ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ€šĂ-Ă...Ă¾Ăfâ€šĂ,ĂĉĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,
-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂxĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă,ĂfÆ'Ătâ€™
ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂªĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,
Ă"ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă-ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ,-Ă;Ă,Ă-Ăfâ€!Ă,
Ă¾ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂxĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉ
â,-Ă;Ăfâ€šĂ,Ă¼ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă°

▪ ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă©ĂfÆ'Ă,ĂĉĂfĂĉĂĉâ,-Ă;Ă,Ă-ĂfĂĉĂĉâ€šĂ-Ăf
Æ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,Ă!ĂfÆ'Ătâ€™ ĂfĂĉĂĉâ€šĂ-Ă...Ă;ĂfÆ'Ăĉâ,-Ă;Ăf
â€šĂ,Ă¼ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂşĂfÆ'Ăĉâ,-Ă!Ăfâ€šĂ,Ă;ĂfÆ'Ă,ĂĉĂfĂ
ĉĂĉâ,-Ă;Ă,Ă-Ăfâ€!Ă,Ă¾ĂfÆ'Ătâ€™ Ăfâ€ Ćĉâ,-ă„ĉĂfÆ'Ăĉâ,-Ă;Ăfâ€šĂ,ĂxĂfÆ'Ăĉâ,-Ă!ĂfÆ'

Äçâ, ¬Ä; Äfâ€šÄ, Ä, ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä"ÄfÆ'Äçâ, ¬ ÄfÄçÄçâ€šÄ ¬
Äçâ€žÄçÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä½ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄf
Æ'Äçâ, ¬Ä; Äfâ€šÄ, Ä§ÄfÆ'Ä, ÄçÄfÄçÄçâ, ¬Ä; Ä, Ä ¬Äfâ€šÄ, Ä°ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'
Äçâ, ¬Ä; Äfâ€šÄ, Ä¹ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä!ÄfÆ'Ä, ÄçÄfÄçÄçâ€šÄ ¬Ä...
Ä; Äfâ€šÄ, Ä ¬ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä§

▪ ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä!ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Ä, ÄçÄfÄ
çÄçâ, ¬Ä; Ä, Ä ¬Äfâ€šÄ, Ä; ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¥ÄfÆ'Ä, ÄçÄfÄçÄçâ,
¬Ä; Ä, Ä ¬Äfâ€šÄ, Ä; ÄfÆ'Ä, ÄçÄfÄçÄçâ, ¬Ä; Ä, Ä ¬ ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ,
Ä ¬ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¼ÄfÆ'Äçâ, ¬Ä; ÄfÄçÄçâ€šÄ ¬Äçâ€žÄç
ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¥ÄfÆ'Äçâ, ¬Ä; ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'
'Äçâ, ¬Ä; Äfâ€šÄ, Ä×ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä°ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ,
Ä½ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¥ÄfÆ'Ä, ÄçÄfÄçÄçâ, ¬Ä; Ä, Ä ¬Äfâ€šÄ, Ä!Äf
Æ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¶ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äf
â€šÄ, Ä×ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä»ÄfÆ'Ä, ÄçÄfÄçÄçâ, ¬Ä; Ä, Ä ¬ÄfÄ
çÄçâ€šÄ ¬Ä... â€œÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä!ÄfÆ'Äçâ, ¬Ä; ÄfÄçÄçâ€šÄ
¬Ä... â€œÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¥ÄfÆ'Äçâ, ¬Ä; ÄfÆ'Ä†â€™ ÄfÄçÄçâ
€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä; ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¥ÄfÆ'Ä, ÄçÄ
fÄçÄçâ, ¬Ä; Ä, Ä ¬ÄfÄçÄçâ, ¬Ä¾Ä, ÄçÄfÆ'Äçâ, ¬Ä; ÄfÄçÄçâ€šÄ ¬Äçâ€žÄçÄfÆ'Ä†â€™ Äfâ€ Äçâ,
¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä¥ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä°ÄfÆ'Ä, ÄçÄf
ÄçÄçâ, ¬Ä; Ä, Ä ¬ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä§ÄfÆ'Ä, ÄçÄfÄçÄçâ, ¬Ä; Ä, Ä ¬
ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä"ÄfÆ'Ä†â€™ Äfâ€ Äçâ, ¬â,, çÄfÆ'Äçâ, ¬Ä;
Äfâ€šÄ, Ä×ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä... Ä; ÄfÆ'Äçâ, ¬Ä; Äfâ€šÄ, Ä°ÄfÆ'Ä†â€™ ÄfÄçÄçâ€šÄ ¬Ä...

ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀαĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā½ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā½ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā∓ĀfĀ'Āċâ, -Ā; ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Āε - E:
ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā∓ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā¾ĀfĀ'Āċâ, -Ā¹ĀfĀċĀċâĒšĀ
- ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀšĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā³ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā,

ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀšĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā - ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ
-Ā; ĀfâĒšĀ, Ā±TikiĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀšĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ
Ā, ĀαĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā¾ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā∓ĀfĀ'Āċ
â, -Ā; ĀfĀċĀċâĒšĀ -ĀċâĒžĀċĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā°ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ
, -Ā; ĀfâĒšĀ, Ā"ĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā - ĀfâĒšĀ, Ā; ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā³ĀfĀ'ĀtâĒ™
ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā"ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā"ĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā,
Ā - ĀfâĒĀ, Ā¾

- ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā∓ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfĀ'ĀċâĒšĀ, Ā®ĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā - ĀfâĒšĀ, Ā°ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā"
ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀεĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā - ĀfâĒšĀ, Ā|ĀfĀ'
'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀšĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ
Ā, Ā®ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā; ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ,
-Ā; ĀfâĒšĀ, ĀšĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā -
ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀšĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā - ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā"
ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā!ĀfĀ'Āċâ, -
Ā¹ĀfĀċĀċâĒšĀ - ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā·ĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,,
ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, ĀšĀfĀ'Ā, ĀċĀfĀċĀċâ, -Ā; Ā, Ā - ĀfâĒšĀ, ĀċĀfĀ'Āċâ, -Ā; ĀfĀċĀċâĒšĀ -ĀċâĒžĀ
ċĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā©ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'Āċâ, -Ā;
ĀfâĒšĀ, ĀċĀfĀ'ĀtâĒ™ ĀfâĒ Āċâ, -â,, ċĀfĀ'Āċâ, -Ā; ĀfâĒšĀ, Ā"ĀfĀ'ĀtâĒ™ ĀfĀċĀċâĒšĀ -Ā...Ā; ĀfĀ'

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Æ'Ä†â€™ÄfÄçÄçâ€šÄ¬Ä...Ä;ÄfÆ'Äçâ, ¬Ä;Äfâ€šÄ,Ä¹ÄfÆ'Ä†â€™Äfâ€Äçâ, ¬â,,çÄfÆ'Äçâ, ¬Ä;Äfâ€
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, ¬Ä;Äfâ€šÄ,ÄºÄfÆ'Ä†â€™Äfâ€Äçâ, ¬â,,çÄfÆ'Äçâ, ¬Ä;Äfâ€šÄ,Ä¥ÄfÆ'Ä†â€™ÄfÄçÄçâ€šÄ¬Ä...Ä;
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ĵĀfâ€šĀ,Ā»ĀfĀĒ'Ā†â€™ ĀfĀĉĀĉâ€šĀ→Ā...Ā;ĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,ĀĶĀfĀĒ'Ā†â€™ Āfâ€ Āĉâ,→â,,ĉĀfĀĒ'
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ĀĉĀĉâ€šĀ→Ā...Ā;Āfâ€šĀ,ĀĶĀfĀĒ'Ā†â€™ Āfâ€ Āĉâ,→â,,ĉĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,ĀŒĀfĀĒ'Ā†â€™ ĀfĀĉĀĉ
â€šĀ→Ā...Ā;ĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,Ā»ĀfĀĒ'Āĉâ,→Ā¹ĀfĀĉĀĉâ€šĀ→ ĀfĀĒ'Ā†â€™ Āfâ€ Āĉâ,→â,,ĉĀfĀĒ'Ā
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→â,,ĉĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,ĀĶĀfĀĒ'Ā†â€™ ĀfĀĉĀĉâ€šĀ→Ā...Ā;ĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,Ā¼ĀfĀĒ'Āĉâ,→Ā;
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€™ ĀfĀĉĀĉâ€šĀ→Ā...Ā;ĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,Ā¹ĀfĀĒ'Ā†â€™ Āfâ€ Āĉâ,→â,,ĉĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,Ā×
ĀfĀĒ'Ā†â€™ ĀfĀĉĀĉâ€šĀ→Ā...Ā;ĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,Ā°ĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,Ā½ĀfĀĒ'Ā†â€™ Āfâ€ Ā
ĉâ,→â,,ĉĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,ĀĶĀfĀĒ'Āĉâ,→Ā;ĀfĀĉĀĉâ€šĀ→Ā...â€œĀfĀĒ'Ā,ĀĉĀfĀĉĀĉâ€šĀ→Ā...Ā;Ā
fâ€šĀ,ĀĶĀfĀĒ'Ā†â€™ Āfâ€ Āĉâ,→â,,ĉĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,ĀŒĀfĀĒ'Ā†â€™ ĀfĀĉĀĉâ€šĀ→Ā...Ā;ĀfĀĒ'Ā
ĉâ,→Ā;Āfâ€šĀ,Ā»ĀfĀĒ'Āĉâ,→Ā¹ĀfĀĉĀĉâ€šĀ→ ĀfĀĒ'Ā†â€™ Āfâ€ Āĉâ,→â,,ĉĀfĀĒ'Āĉâ,→Ā;Āfâ€šĀ,ĀŒĀfĀĒ'

Æ'Ã,ÂçÃfÆ'Ãçâ,¬Å;Ã,Â¬ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¬ÃfÆ'Ãtâ€™ Ãfâ€š
Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â;ÃfÆ'Ãçâ,¬Â¹ÃfÂçÃçâ€šÂ¬ ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'
Ãçâ,¬Å;Ãfâ€šÃ,Â·ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â;ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...
Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¥ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¬ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€š
šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¬ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â'ÃfÆ'Ãtâ€™
™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â;ÃfÆ'Ãçâ,¬Â¹Ãfâ€š!Ãçâ,¬Å"ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...
Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¬ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¥ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€š
šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â;ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¥ÃfÆ'Ãtâ€™ Ãf
ÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â®ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¹
ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â;ÃfÆ'Ãçâ,¬Â¹Ãfâ€š!Ãçâ,¬Å"ÃfÆ'Ã,ÂçÃfÂçÃçâ,¬
Å;Ã,Â¬Ãfâ€š!Ãçâ,¬Å"/ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,ÂšÃfÆ'Ã,ÂçÃfÂçÃçâ,¬Å;Ã,
Â¬Ãfâ€šÃ,Â°ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â'ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃf
Æ'Ãçâ,¬Å;Ãfâ€šÃ,Â¬ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,ÂšÃfÆ'Ã,ÂçÃfÂçÃçâ,¬
Å;Ã,Â¬Ãfâ€š!Ã,Â;ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,ÂšÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â;ÃfÆ'Ã,
ÂçÃfÂçÃçâ,¬Å;Ã,Â¬Ãfâ€š!Ã,Â¾ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¬ÃfÆ'Ãtâ€™ ÃfÂç
çÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¼ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â,ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ã
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Â¬ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¥ÃfÆ'Ã,ÂçÃfÂçÃçâ€šÂ¬Ã...Â;Ãfâ€šÃ,Â¬Ãf
Æ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¼ÃfÆ'Ãtâ€™ Ãfâ€š Ãçâ,¬â,,çÃfÆ'Ãçâ,¬Å;Ãfâ
€šÃ,Â¥ÃfÆ'Ãtâ€™ ÃfÂçÃçâ€šÂ¬Ã...Â;ÃfÆ'Ãçâ,¬Å;Ãfâ€šÃ,Â¾ÃfÆ'Ã,ÂçÃfÂçÃçâ,¬Å;Ã,Â¬ÃfÂçÃ
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™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā" ĀfÆ'Āçâ, ¬ ĀfĀçĀçâ€šĀ ¬Āçâ€žĀçĀfÆ'Ā†â€™ ĀfĀçĀçâ€šĀ
šĀ ¬Ā...Ā; ĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā½/ĀfÆ'Ā†â€™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā" ĀfÆ'Āçâ, ¬
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â€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā- ĀfÆ'Ā†â€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā¼ĀfÆ'
Āçâ, ¬Ā; Āfâ€šĀ, Ā; ĀfÆ'Ā†â€™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā∝ĀfÆ'Ā†â€™ ĀfĀçĀçâ€šĀ ¬Ā
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â€šĀ, Ā® ĀfÆ'Āçâ, ¬ ĀfĀçĀçâ€šĀ ¬Āçâ€žĀçĀfÆ'Ā†â€™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā∅Āf
Æ'Ā†â€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā¼ĀfÆ'Ā, ĀçĀfĀçĀçâ€šĀ ¬Ā...Ā; Āfâ€šĀ, Ā ¬ĀfÆ'
'Ā†â€™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā; ĀfÆ'Ā†â€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ
, Ā°ĀfÆ'Ā†â€™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā∅ĀfÆ'Ā†â€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfÆ'Āçâ, ¬Ā
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Ā...Ā; ĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā- ĀfÆ'Ā, ĀçĀfĀçĀçâ, ¬Ā; Ā, Ā ¬ĀfÆ'Ā†â€™ Āfâ€ Āçâ, ¬â,, çĀfÆ'Āçâ, ¬Ā;
Āfâ€šĀ, Ā∅ĀfÆ'Ā†â€™ ĀfĀçĀçâ€šĀ ¬Ā...Ā; ĀfÆ'Āçâ, ¬Ā; Āfâ€šĀ, Ā; ĀfÆ'Ā, ĀçĀfĀçĀçâ, ¬Ā; Ā, Ā ¬Āfâ€
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€ŠÂ¬~...Â;~FÆ'~çÂ,¬Å;~FÂ€Š~Â,Â½

Feature name and link

File Gallery

Calendar

File Gallery

Description

Storage and sharing via download or display in pages, of images, videos, and other file types . Supports check-in and check-out (lock), versions, etc.

Events calendar with public, private and group channels

File Galleries enable secure and efficient uploading, storage, downloading and other serving of all types of files including images, videos, podcasts, text and PDF documents and more.

Dev (Bug reports & Feature requests)



Setup and admin UI	UI end user	Stability
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Feature-set and power

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Feature name and link

Trackers

Wiki

Maps

Description

Facts and figures storage and retrieval. A forms and database generator, with reporting. Can be used for a bug tracker, item database, issue tracker, etc

Collaboratively authored documents with history of changes. Tiki's wiki has all the features you could want from a first-rate wiki. Ex.: attach files, comments, history, images, warn on edit, page locking, powerful wiki syntax, alternative WYSIWYG editor, etc.

Maps can be created and displayed using OpenLayers and OpenStreetMap.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

A

A

A

Feature name and link

Kaltura Video

My Account

Description

Video management

Provide content organization and communication tools for registered users

Bookmark, User Preferences, Watch, User Menu, Task, Inter-User Messages, User Files, Notepad and Mini Calendar

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

C

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Feature-set and power

A

B

Feature name and link

Articles

FAQ

Surveys

Description

Articles can be used for date-specific news and announcements. You can configure articles to automatically publish and expire at specific times or to require that submissions be approved before becoming "live." In addition to [categories](#) and [tags](#), articles include their own unique classification system of Topics and Types.

Create pages of frequently asked questions and answers.

Create questionnaires with multiple-choice or open-ended questions.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Quizzes

Blogs

Featured Links

Tasks

Description

Create timed quizzes with recorded scores.

Multiple blogs can be created with various author and display configurations, etc.

Simple menu system which can optionally add an external web page in an iframe

A site user's to-do list. Tasks can be sent to other users. Also, there can be shared group tasks.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Slideshows

BigBlueButton

Screencasts (**Feature removed in Tiki 17**)

Description

Turn a wiki page into slideshow (each slide is the wiki content only, without "chrome") by using more than one title bar in the page, or make a multi-page slideshow from a [structure](#).

Open source instruction-focused real-time collaboration tool. (Audio/Video/Screensharing/Chat)

This permits capturing the device screen and uploading to Tiki. An image is produced (that you can then draw on), or short video with sound. The jCapture applet is used.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Messages

Webmail

MiniChat

Description

Internal (within the site) messages from one site user to another.

Provides a webmail interface for site users' own IMAP or SMTP accounts. The Webmail tool has been massively improved since in [Tiki20](#). Please see [Email as a first-class citizen](#)

Real-time group text chatting

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Inter-User Messages

Spreadsheet

Directory (links)

Newsletters

Description

Enable users to send internal messages to each other (like email but internal to the Tiki site). A message can be broadcast to multiple users in a Tiki group or to all site users if the appropriate permissions are granted.

Spreadsheets supporting calculations and charts, import/export, etc.

User-submitted Web links

Create and send email newsletters (plain text and HTML) to subscribed site users and other individuals.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Forums

Live Support

HTML Pages

User Files

Description

Forums are online discussions organized by topic (or thread). Tiki forums feature threaded or flat views, file attachments, moderation and queuing, monitoring (subscription) of particular forums or topics, and full usage of wiki syntax.

One-on-one chat with customer or other individual

Static and dynamic HTML content. Note: HTML can be used in wiki pages. This is a separate feature.

Users upload files and store them in their Tiki personal space; they can then download the files.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Notepad

User Pages

Shoutbox

Description

Users can write, upload, download and read notes. Notes can be read as raw text files or as wiki pages interpreting the wiki markup syntax. The user-quota that admin can control is used to set the maximum size that user notes can take.

This provides each user with a personal wiki page that only he/she can edit. All User Pages have a similar, configurable name that includes the user name.

Quick comment (graffiti) box. Like a group chat, but not in real time.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Contact us

Friendship Network

Shopping Cart

Description

Basic form for site visitors to send a message to the site admin.

Users can designate other users as "friends" using either the "follow" or "like" method.

A simple shopping cart feature - Information on products or services can be maintained in wiki pages or trackers with display via [Pretty Tracker](#)) and purchases added to [Module Cart](#) through the [PluginAddToCart](#) and sent to the [payment](#) page.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Description

Global category system. Items of different types (wiki pages, articles, tracker items, etc) can be added to one or many categories. Categories can have permissions.

Menu items are filtered by permission, by group or activation of relevant feature. Both Bootstrap and Superfish CSS/jQuery menus are supported.

Dev (Bug reports & Feature requests)



Setup and admin UI	UI end user	Stability
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Feature-set and power

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Feature name and link

Look and Feel

Modules

Description

The site can be customized or personalized using the admin interface, to set the site title, logo and so on. No need for editing PHP or Smarty TPL files.

Boxes for content, typically on the left or right of a portal-style site but can be placed anywhere, even in page content, with or without a visual frame. Very useful for navigation and content re-use. **Over 100 built-in modules** are available, and site admins can create their own.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Structure

Semantic Links

Description

In Tiki terminology, a structure is a hierarchy for wiki pages. Structures have navigational features such as breadcrumb links and menus; also enabled is printing all pages in the structure and in order.

Going beyond [Backlinks](#), allows to define some semantic relationships between wiki pages

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

A

B

Feature name and link

Bookmarks

Custom Home

(Removed in Tiki 15)

Meta Elements

Description

User bookmarks let users bookmark internal or external pages, create folders and organize their personal bookmarks in folders. Bookmarks can be cached if that option is enabled. A module is provided to let the users see their bookmarks, navigate through them, and add new bookmarks.

This feature was made redundant by the ability, via PluginLayout, etc., to fully customize a standard wiki page to use as the Homepage.

Administer your meta tags via the admin panel (no FTP transfers necessary).

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Search Engine Optimization

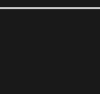
User Menu

Description

Tiki is search engine friendly. For a Tiki site running on Apache web server, the .htaccess file enables short, meaningful URLs.

Add personal items to the User Menu section in the application menu.

Dev (Bug reports & Feature requests)



Setup and admin UI UI end user Stability

Description

Workflow is provided by means of category transitions and other configuration settings.

Dev (Bug reports & Feature requests)



Setup and admin UI **UI end user** **Stability**

C

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Feature-set and power

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Feature name and link

i18n

Compression

Themes

Description

i18n (or internationalization) - Tiki is translated in 20 languages. Handles multilingual navigation & content. Can keep track of translation (de)synchronization.

<http://wiki-translation.com>

Transparently compress your pages on-the-fly.

Thirty-three visual themes are included and several have theme options (color variants). And, with Bootstrap compatibility, it is straightforward to create your own.

Tiki themes are visual layers only and so avoid the possibility of introducing a security vulnerability.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

News Feeds

Search

Interaction with popular external software, services or websites

Workspaces

Description

Outgoing RSS feeds can be generated, and external RSS feeds can be subscribed to.

Configurable site search engine that indexes content of many features

For example: [Google video](#), [Google Maps](#), [YouTube](#), [Skype](#), [Google AdSense](#), [Mindmap](#) and many more!

Workspaces permit you to segment a Tiki instance into smaller restricted-access sections with unique preferences, themes, etc.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Comments

Mobile

Watch

Mail-In

Description

Comment posting available for many features (wiki pages, articles, blogs, forums, etc)

Tiki uses the Bootstrap CSS framework by default for responsive web design - pages conform to the display size of all desktop and mobile devices.

Site users can mark a page or other object to be notified by email when it is updated.

Submit wiki pages or articles via e-mail.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Tags

Social Networks

Print

Statistics

Banners

Description

Wiki pages, articles, and so on can be given tags (aka freetags or folksonomy tags) for quick ad hoc content categorization.

Integrates popular social networks (such as [Facebook](#), [Twitter](#), [Linkedin](#) or [Google+](#)) into Tiki.

Includes printing pages, groups of pages, and PDF documents.

Site-wide statistics for many features. Referrer stats and search stats also available.

Insert, track, and manage advertising banners.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Rating

Contribution

Score

Description

Lets users vote on wiki pages & tracker items

Allow selecting, reporting and exporting the type of contributions made by site users.

If appropriate for the site, this feature implements a game approach to motivate people to participate in the online community. Users are given points for things they do in the site, like writing or reading an article, starting a new topic in a forum, voting in a poll, etc. They also earn points by having his/her blogs and articles read and commented on. Then the users will be able to see their position in a ranking.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Accessibility

Tell a Friend

Community

Description

Not so much a feature as a value, [web accessibility](#) is prioritized in Tiki.

With this feature activated, to share pages, a link "Email this page" is added at the top of all pages.

Configure site community settings such as user identity and participation details, and social interaction settings.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Color Modes

Description

Color modes enable website users to select an alternative color scheme. Initially in Tiki 26, users can switch between light, dark, and auto (auto mode means following the preference set in the user's browser). In Tiki 26.1, the ability to add custom color modes via Look and Feel admin controls will be added.

Dev (Bug reports & Feature requests)

Setup and admin UI

UI end user

Stability

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Feature name and link

Wiki Plugins

Wiki Syntax

Description

Over 100 built-in plugins extend the function of wiki syntax with more specialized commands. It is very easy to create your own plugins with [plugin alias](#) or from scratch.

Apply formatting and styling to text directly or via editor toolbar buttons; no need for HTML. Strong help feature and usable throughout various features such as blogs and articles, not just in the wiki!

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Toolbars

PluginModule

External Wikis

Automatic Table of Contents

Description

The edit page toolbar enables styling text, adding an image, Makes using wiki syntax easy. Custom buttons can be added, and toolbars can be customized for the various sections of the site.

Insert a content or functionality module in any editable-text area of the site, such as a wiki page, article, etc.

Create links easily with other wikis.

Automatically generate and display a table of contents based on page titles within a structure (toc), or from the headings on a page (maketoc).

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Random Taglines

Hotwords

Cache

Content Template

Description

Taglines (aka "cookies" or "fortune cookies") drawn randomly and displayed.

If enabled, wiki pages are parsed and some words are automatically converted to HTML links.

External URLs can be cached inside Tiki - this is possible for links from the Wiki as well as for the User Bookmarks

Create and select reusable text or layout code when editing a wiki page, article, or newsletter to have a consistent look and feel and/or content.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Polls

Dynamic Variable

Description

Make and manage lists of options to be voted on; polls are displayed in a module (in left or right column or other module zone, in wiki pages, etc.).

Snippets of text which can be reused throughout Tiki.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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C

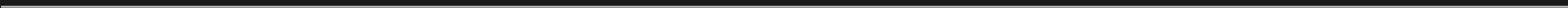
Feature name and link

Copyright

Description

The Copyright Management System (or **AMS™**) is a way of licensing your content and displaying that license information, such as under an open or free content license. By switching this feature on, you can define a content license for all your wiki content, associate copyright notices with individual pages and display a full license for printing.

Dev (Bug reports & Feature requests)



Setup and admin UI **UI end user** **Stability**

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Feature-set and power

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...~;~FÆ'~ç~, ¬~;~F~€Š~,~®~FÆ'~†~€™ ~F~ç~ç~€Š~¬~...~;~FÆ'~ç~, ¬~;~F~€
Š~,~;~FÆ'~†~€™ ~F~€ ~ç~, ¬~, ,,ç~FÆ'~ç~, ¬~;~F~€Š~,~š~FÆ'~,~ç~ç~ç~, ¬~;~

Description

Different rights can be assigned to groups. (ACLs)

Visual themes can be flexibly assigned per user group, site section, content category, and so on.

Tiki uses the built-in cache of the [Smarty template engine](#).

Can use LDAP (Active Directory), PAM, [Auth](#), [Http web server](#), [CAS](#) or [Shibboleth](#).

Dev (Bug reports & Feature requests)



Setup and admin UI	UI end user	Stability
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A	A	B
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Feature-set and power

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Feature name and link

Installation

User Administration

Groups

Description

Tiki site installation is a simple process of going through the steps of a wizard, and post-install configuration also offers wizard options.

Great flexibility in handling user registration, logging in, and banning of users, should that be necessary.

The three default groups (anonymous, registered, and admin) can be added to freely as needed for the site.

Groups can inherit other groups' permissions, to simplify access management.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Manager

Profiles

Communication Center

Description

A combination of shell and PHP scripts to install, update, backup and monitor (check security of) a large number of Tiki installations (instances).

In Tiki terminology, a "profile" is a set of site configuration preferences and website item creation instructions that are applied as a group.

Send/receive objects to and from other Tiki-powered sites

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Intertiki

Banning

Edit Template

Connect

Description

Authenticate users and grant them appropriate permissions at a "slave" Tiki site based on user data from an external "master" Tiki site. (This is used at the Tiki project sites, for example.)

Block access from individual IPs or ranges of IPs.

Edit the Smarty template files that Tiki is built with via the admin control panel.

Various tools for communication with the Tiki

Community, developers, other Tiki site admins and users.

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Edit CSS

Action Log

Payments

Packages

Description

Existing stylesheets can be edited (via the browser), with the new stylesheet suffixed with the editor's user name.

Track user activity on the basis of a single user or multiple users, groups or categories.

Enables the requesting and management of payments (invoicing), and connects payments to other features.

External software packages installation and management via [Composer](#).

Dev (Bug reports & Feature requests)



Setup and admin UI

UI end user

Stability

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Feature-set and power

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Feature name and link

Integrator

Debugger Console

Web Services

Description

Automatically import external HTML pages into Tiki.

Debugger Console

Can receive [web services](#) via JSON or YAML.

Dev (Bug reports & Feature requests)



Setup and admin UI	UI end user	Stability
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Feature-set and power

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Feature name and link

We eat our own [DogFood](#)

Description

Tiki is a community. Tiki is a software. The Tiki community is recursively using and improving the Tiki software, which is used to support the community as well as to make available to the general public.

Dev (Bug reports & Feature requests)



Feature name and link

Open Development

Open standards and protocols

Description

Written and maintained by an active and international community of volunteer contributors. While many developers offer consulting services, no company controls the development.

Think of Tiki as applying the wiki way not just to content but also to software development. YOU are invited to participate!"

Please read more about the [Tiki Model](#)

Tiki developers are Tiki users too and prefer open protocols and standards -

<http://tiki.org/TikiStandards>.

Dev (Bug reports & Feature requests)

Feature name and link

Platform independence

Browser Compatibility

Documentation

Description

Tiki runs wherever PHP runs, on Linux, Mac, Windows and many more other operating systems.

On the client side, all you need is a Web browser running on a desktop computer, laptop, tablet, or smartphone.

Tiki's documentation is a wiki (of course!). So you can participate! There are links from your installed Tiki application directly to the corresponding documentation wiki page. As the documentation is constantly being updated and organized, broken links may sometimes occur. Please bear with us and feel free to participate!

Dev (Bug reports & Feature requests)



Feature name and link

External Libraries

Description

Tiki makes good use of existing and active open source projects such as Zend Framework, Smarty, MySQL, PHP, jQuery, Bootstrap, CKeditor, etc.

Dev (Bug reports & Feature requests)



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