

Toc ã"Œã«ÿâ¬ãªâ·â, ã¬â,

OC ã¬€ "table of contents" (ã«âªâ©ã¬â°â")ã¬~ ã¬â´ã«^ã¬...œã¬ž...ã«^ã«^âœ. ã·œ ãªâµâ¬ã¬â;â°ã¬â²â´ã¬~ ã¬†ã·~ã«š
ãž~ã¬â´ã¬âš€ã¬·^ã¬—ã¬,,œ {toc} ãfœãªâ·â,ã«âŸâ¼ã¬,ã¬ã¬šâ©ã·~ã«â©â´ãªâ·â,ãž~ã¬â´ã¬âš€ã¬~ã·~ã¬œ,,ã-
ž~ã¬â´ã¬âš€ã«âŸâ¼ã«,,ã¬—â´ã·~ã«š"ã«âªâ©ã¬â°â"ã«âŸâ¼ã«œã¬œã·â ãªâ²fã¬ž...ã«^ã«^âœ (ãªâµâ¬ã¬â;â°ã¬â²â´
ã«,ã¬,ã¬â´ãžâ´ã«â³â´ã¬œã¬œã¬~âœ).ãž~ã¬â´ã¬âš€ãªâ°€ã·~ã¬œ,,ãž~ã¬â´ã¬âš€ãªâ°€ã¬—†ã¬,,ãªâ²â½ã¬šâ°,
ã¬,,ã«â¬â´ãªâ²fã«,ã¬œã¬œã«~ã¬âš€ã¬·šã¬,,ãªâ²fã¬ž...ã«^ã«^âœ.

- ãªâµâ¬ã¬â;â°ã¬â²â´ã¬~ 'root'ãž~ã¬â´ã¬âš€ã¬—ã¬,,œã¬,ã¬ã¬šâ©ã«~ã«â©â´,
ãªâµâ¬ã¬â;â°ã¬â²â´ã¬â,,ã¬â²â´ã¬~ã«âªâ©ã¬â°â"ã¬â,,ã«âªâ°€ã«âšœã«"âœã¬¬â´
ã¬âš´ã«^ã«^âœ.
- ã·œã·~ã¬œ,,ãž~ã¬â´ã¬âš€ã¬—ã¬,,œã¬,ã¬ã¬šâ©ã«~ã«â©â´,ã·œã¬â±·ã,,â°ã¬~
ã«âªâ©ã¬â°â"ãªâ°€ã«âšœã«"âœã¬¬â´ã¬âš´ã«^ã«^âœ (ãªâ·â,ãž~ã¬â´ã¬âš€ã¬~ã·~
ã¬œ,,ãž~ã¬â´ã¬âš€ã«"âœã«âšœã«â³â´ã¬ž,,).

ã¬œâã¬,ã¬ã·œãfœãªâ·â,ã«â;œã«š" {maketoc}ãªâ°€ã¬ž^ã¬œâ¼ã«â©â°,ã¬â´ã«š"ã·œãž~ã¬â´ã¬âš€ã¬~
ã¬âœã«âªâ©ã«"âœã¬—ã¬,,œã¬~ã«âªâ©ã¬â°â"ã«âŸâ¼ã«âšœã«"âœãªâ²œã«â©ã«^ã«^âœ (PluginMaketocã¬,,
ã¬â°â,ã¬â;â°).

ã«â³€ã¬^~

ãªâ°€ã«šâŸã·œã«â³€ã¬^~ã«"âœã¬—ã«œã·œãªâ,â°ã«â³â,ã¬,,âãfã¬,ã¬ã·â¬€ã¬·,,ã«ž~ã¬—ã¬,,œ
ãªâµâµã¬€ã¬â²â´ã«â;œã«â³â´ã¬ž...ã«^ã«^âœ.

Ã«Â³€Ã¬^~

order

showdesc

shownum

type

Ã°Ã°'

asc Ã~Â¹Ã¬€ desc

0 Ã~Â¹Ã¬€ **1**

0 Ã~Â¹Ã¬€ **1**

plain Ã~Â¹Ã¬€ fancy

Ã¬,,ÂÃ«Â...

Ã¬Â •Ã«Â Â¬Ã¬^œÃ¬,,œ

Ãž~Ã¬Â´Ã¬Â€Ã¬~ Ã¬,,ÂÃ«Â... Ã´œÃ¬<œ

Ã«Â²^Ã~Â,Ã«ÂÂÃÂ¹€ Ã´œÃ¬<œ

fancy Ã¬~ ÃÂ²Â½Ã¬šÂ°, Ãž~Ã¬Â´Ã¬Â€Ã¬~

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Â´Ã«ž~Ã¬šÂ Ã«€€Ã¬<Â fancytoclevel ÃÂ´Ã«ž~Ã¬šÂ

Ã¬,Â¬Ã¬šÂ©

Ã«Â³€Ã¬^~

structId

maxdepth

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$\tilde{A}^a \hat{A}^o$

number $(\tilde{A}^a \hat{A}_j, \hat{A}^o \tilde{A} \ll \hat{A}^3 \hat{A}_j : \tilde{A} \check{Z} \sim \tilde{A} \neg \hat{A} \prime \tilde{A} \neg \hat{A} \xi \in \tilde{A}^a \hat{A}^o \in \tilde{A} \neg \dagger \tilde{A} -$

• $\sim \tilde{A} \ll \check{S}$ ” $\tilde{A}^a \hat{A}_\mu \hat{A} \neg \tilde{A} \neg \hat{A}_j ; \hat{A}^o \tilde{A} \neg \hat{A}^2 \hat{A} \prime$ ID that the page belongs to)

number $(\tilde{A}^a \hat{A}_j, \hat{A}^o \tilde{A} \ll \hat{A}^3 \hat{A}_j : \mathbf{0})$

string $(\tilde{A}^a \hat{A}_j, \hat{A}^o \tilde{A} \ll \hat{A}^3 \hat{A}_j : \tilde{A} \sim \text{,,} \tilde{A} \neg \check{Z} \hat{A} \neg \tilde{A} \check{Z} \sim \tilde{A} \neg \hat{A} \prime \tilde{A} \neg \hat{A} \xi \in \tilde{A} \ll \hat{A}^a \dots)$

$\tilde{A} \neg, \hat{A} \times \tilde{A} \ll \hat{A}^a \dots$

$\tilde{A}^a \hat{A} \mu \hat{A} \neg \tilde{A} \neg \hat{A}; \hat{A}^\circ \tilde{A} \neg \hat{A}^2 \hat{A}' \tilde{A} \neg \sim \text{id}, \tilde{A} \sim \hat{A}^1 \tilde{A} \neg \in$

$\tilde{A}^a \hat{A} \mu \hat{A} \neg \tilde{A} \neg \hat{A}; \hat{A}^\circ \tilde{A} \neg \hat{A}^2 \hat{A}' \tilde{A} \neg \sim \tilde{A} \neg \hat{A}' \tilde{A} \ll \hat{A}!,, (\text{tw} > 2), \tilde{A} \sim \hat{A}^1 \tilde{A} \neg \in$

$\tilde{A}^a \hat{A} \mu \hat{A} \neg \tilde{A} \neg \hat{A}; \hat{A}^\circ \tilde{A} \neg \hat{A}^2 \hat{A}' \tilde{A} \ll, \hat{A}' \tilde{A} \ll \hat{A} \parallel \in \tilde{A} \neg \sim \tilde{A} -$

$\check{Z} \sim \tilde{A} \neg \hat{A}' \tilde{A} \neg \hat{A} \S \in \tilde{A} \neg \sim \text{page_ref_id} (\tilde{A} \check{Z} \sim \tilde{A} \neg \hat{A}' \tilde{A} \neg \hat{A} \S \in$

$\tilde{A} \neg \hat{A}^\circ \hat{A}, \tilde{A} \neg \hat{A}; \hat{A}^\circ \text{ID}) (\tilde{A} \neg \hat{A} \parallel " \tilde{A}^a \hat{A}^\circ \in \tilde{A} \neg \hat{A} \cdot \tilde{A} \ll \hat{A}^3 \hat{A}' \tilde{A} \ll \check{S} "$

$\tilde{A} \neg \cdot, \tilde{A} \ll \check{Z} \sim \tilde{A} \ll \hat{A} \neq \hat{A}^{1/4} \tilde{A} \ll \hat{A}^3 \hat{A}' \tilde{A} \neg \ll \hat{A} \tilde{A} \neg \ll \in \tilde{A} \neg \sim \hat{A} \times)$

$\tilde{A} \ll \hat{A} \S \in \tilde{A} \ll " \hat{A} \times \tilde{A} \neg - \hat{A}' \tilde{A} \neg \hat{A} \S \hat{A} \check{S} \hat{A}, \tilde{A} \ll \hat{A}! \hat{A} \neg \tilde{A} \neg \sim \tilde{A} \neg \hat{A} \mu \in \tilde{A} \ll \in$

$\tilde{A}^a \hat{A}^1 \check{S} \tilde{A} \neg \hat{A}', 0 \tilde{A} \neg \hat{A}' \tilde{A} \neg \text{f} \tilde{A} \neg \sim \tilde{A} \neg \hat{A} \ll \tilde{A} \neg \check{Z}, 0 \tilde{A} \neg \in \tilde{A} \neg \hat{A} \in \tilde{A} -$

$\cdot \in \tilde{A} \neg - \dagger \tilde{A} \neg \in \tilde{A} \neg, \tilde{A} \neg \sim \tilde{A} \ll \hat{A}^- \hat{A},$

$\tilde{A} \ll \hat{A}^a \hat{A} \odot \tilde{A} \neg \hat{A}^\circ \hat{A} " \tilde{A} \ll \hat{A} \neq \hat{A}^{1/4} \tilde{A} \ll \hat{A} \S \in \tilde{A} \ll " \hat{A} \times \tilde{A}^a \hat{A}^2 \in \tilde{A} \ll \hat{A}$

$\tilde{A} \ll \in \in \tilde{A} \neg \text{f} \tilde{A} \check{Z} \sim \tilde{A} \neg \hat{A}' \tilde{A} \neg \hat{A} \S \in \tilde{A} \neg \sim \tilde{A} \neg \hat{A}' \tilde{A} \ll \hat{A}!,,$

Ã¬—Â¬Ã«ÿÂ¬ ÃªÂ°œÃ¬~ ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã«“Â¸ Ã¬•^Ã¬~ Ã«™ Ã¬Â¼Ã•œ Ãž~Ã¬Â´Ã¬Â§€

Ã¬—Â¬Ã«ÿÂ¬ ÃªÂ°œÃ¬~ ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã«“Â¸Ã¬— Ã¬ž^Ã«š” Ãž~Ã¬Â´Ã¬Â§€Ã«Â½ Ã¬fÃ¬f%ooÃ•~Ã«š” ÃªÂ²fÃ¬€ Ã¬
•Â´Ã«Â¹ Ãž~Ã¬Â´Ã¬Â§€Ã¬— Ã¬,Ã¬Ã¬šÂ©Ã«œ Ã«ÂªÂ©Ã¬Â°Â´” Ã¬œÃ«ÿÂ¬ÃªÂ·Â´Ã¬Â´Ã¬~^Ã¬fÃ¬Â¹~ Ã«Âª»Ã¬^Ã«~
Ã«Â°Â©Ã¬Ã¬œÂ¼Ã«Â¡œ Ã¬ž^Ã«™ Ã•Ã«š” Ã¬»Ã¬Â´Ã¬Â´Ã«Â´ Ã¬~ Ã¬ž^Ã¬šÂµÃ«^Ã«Â¸. Ã¬Â´ ÃªÂ²Â½Ã¬šÂ°Ã¬—Ã«š”
structId Ã«Â³€Ã¬^~Ã«Â½Ã¼ Ã¬Â§€Ã¬Â´ •Ã•~Ã¬—Ã¬ Ã«Â°Â©Ã¬Ã¬,, Ã¬Â§€Ã¬Â´ •Ã•Â´Ã¬•Â¼ Ã•Â©Ã«^Ã«Â¸.

Ã¬~^Ã«Â½Ã¼ Ã«“Â¸Ã«Â©Â´, "Full" Ã¬Â´Ã«Â¼ Ã«Â¶^Ã«Â¡Â¬Ã«š” ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã¬™€ "Shell" Ã¬Â´Ã«Â¼Ã«š”
ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´ÃªÂ°€ Ã¬ž^Ã«Â¸ÃªÂ³Â´ ÃªÂ°€Ã¬Â´ •Ã•Â©Ã¬œÃ«Â¸. ÃªÂ·Â´Ã«Â¡Â¬ÃªÂ³Â´ Ã¬Â´ Ã«^ÃªÂ°œÃ¬~
ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã¬~^Ã¬— Ã«ÂªÂ´”Ã«^ ÃªÂ¬Ã•Â´Ã«œ "Examples" Ã«Â¼Ã«š” Ãž~Ã¬Â´Ã¬Â§€ÃªÂ°€ Ã¬ž^Ã«Â¸ÃªÂ³Â´
ÃªÂ°€Ã¬Â´ •Ã•Â©Ã¬œÃ«Â¸. Full ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã¬f...”Ã¬,,œ Examples Ãž~Ã¬Â´Ã¬Â§€Ã«š” Ã•~Ã«Â¶€Ã¬— "Example 1",
"Example 2" ÃªÂ·Â´Ã«Â¡Â¬ÃªÂ³Â´ "Example 3" Ã¬Â´Ã«Â¼Ã«š” 3ÃªÂ°œÃ¬~ Ãž~Ã¬Â´Ã¬Â§€ÃªÂ°€ Ã¬ž^Ã«Â¸ÃªÂ³Â´ ÃªÂ°€Ã¬Â´ •Ã
•Â©Ã¬œÃ«Â¸. Shell ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã¬—Ã«š” Examples Ãž~Ã¬Â´Ã¬Â§€ Ã•~Ã¬— Ã•~Ã«Â¶€ Ãž~Ã¬Â´Ã¬Â§€ÃªÂ°€
Ã¬—†Ã¬šÂµÃ«^Ã«Â¸.

Examples Ãž~Ã¬Â´Ã¬Â§€ÃªÂ°€ Ã«Â§Â¸Ã«Â²^ Ã«Â¶^Ã«Â´Â¸Ã¬Â§^ Ã«•œÃ«Â§^Ã«Â¸ Ã«ÂªÂ©Ã¬Â°Â´”
”œÃ«ÿÂ¬ÃªÂ·Â´Ã¬Â´Ã¬—Ã¬,,œ 3ÃªÂ°œÃ¬~ example Ã•~Ã«Â¶€ Ãž~Ã¬Â´Ã¬Â§€Ã«“Â¸Ã¬Â´ Ã«Â³Â´Ã¬Â´Ã«,,Ã«Â¡; Ã•~ÃªÂ³Â´
Ã¬Ã¶Ã«Â¸Ã«Â©Â´, **structId** Ã«Â³€Ã¬^~ÃªÂ°€ Full ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã«,,Ã¬Ã«Â¶€Ã¬~ Examples Ãž~Ã¬Â´Ã¬Â§€Ã¬~
page_ref_id Ã«Â¡œ Ã¬,,Ã¸Ã¬Â´ •Ã«~Ã¬—Ã¬Â¼ Ã•Â©Ã«^Ã«Â¸. Ã¬Â´ **page_ref_id** ÃªÂ°€ Ã«Â¬Â´Ã¬—†Ã¬Â´Ã¬Â§€ Ã¬
™•Ã¬Â´,Ã•~Ã«Â´Â¸Ã«Â©Â´, Ã«Â¸Ã¬œ Ã«Â´”ÃªÂ³,,Ã«Â½Ã¼ Ã«”Â°Ã«Â½Ã¬Ã¬œÃ¬~Ã¸:

- **tiki-admin_structures.php** Ã«Â¡œ ÃªÂ°€Ã¬Ã¬œÃ¬~Ã¸
- ÃªÂµÂ¬Ã¬Â¡Â°Ã¬Â²Â´Ã¬~ Ã¬Â´Ã«Â¡,,Ã¬,, ÃªÂ´Ã«Â¡ÃªÂ·~Ã¬Ã¬œÃ¬~Ã¸ (Ã¬Â´
Ã¬~^Ã¬Â´ œÃ¬—Ã¬,,œÃ«š” "Full")
- Ã¬œÃ¬œÃ«~Ã«š” Ãž~Ã¬Â´Ã¬Â§€Ã¬—Ã¬,,œ Ã«ÂªÂ©Ã¬Â°Â´”Ã¬œÃ«ÿÂ¬ÃªÂ·Â´Ã¬Â´Ã¬Â´
Ã¬,Ã¬Ã¬šÂ©Ã«~Ã«š” Ãž~Ã¬Â´Ã¬Â§€ Ã¬Â´Ã«Â¡,, Ã¬œ,,Ã«Â¡œ Ã«Â§^Ã¬šÂ°Ã¬šÂ¸ ÃªÂ¬Ã¬Â´,Ã¬

„Â°Ã«Â¥Â¼ Ã«Â°€Ã¬Â Â, Ã¬~Â¸Ã¬<ÂÃ¬<œÃ¬~Â¸ (Ã«Â³Â, Ã¬~^Ã¬Â œÃ¬—Ã¬,œÃ«Š”

"Examples")

- Ãž~Ã¬Â´Ã¬Â§€Ã«Âª... Ã¬œ„Ã«Â;œ Ã«Â§^Ã¬šÂ°Ã¬šÂ¸ Ã¬Ã¬Â,Ã¬,Â°Ã«Â¥Â¼
 Ã«Â°€Ã¬Â Â,Ã¬™”Ã¬,Ã«•œ URLÃ¬~ Ã¬Â¼Ã«Â¶€Ã¬Â, **page_ref_id** Ã¬— Ã¬Â¼Ã«ÂªÂ©Ã¬-
- ~Ã¬<ÂÃ¬<œÃ¬~Â¸
- Ã«ÂªÂ©Ã¬Â°Â” Ã¬œÃ«ÿÂ¬ÃªÂ·Â,Ã¬Â, Ã¬•^Ã¬~ **structId** Ã«Â³€Ã¬~ Ã«Â¥Â¼ Ã¬œ„Ã¬—Ã¬,œ
 Ã¬Â¼Ã«ÂªÂ©Ã¬•œ **page_ref_id** Ã«Â³Â¼ Ã«™ Ã¬Â¼Ã¬~Ãª²œ Ã¬,Â¸Ã¬Â·Ã¬~Ã¬-
 Ã¬<œÃ¬~Â¸

Ã¬Â´Ã¬Â œ Examples Ãž~Ã¬Â´Ã¬Â§€Ã¬~ Ã«ÂªÂ©Ã¬Â°Â”Ã¬œÃ«ÿÂ¬ÃªÂ·Â,Ã¬Â´ Full ÃªµÂ¬Ã¬Â;Â°Ã¬Â²Â´Ã¬—Ã¬,œ Ã¬-
 • ~Ã«Â¶€Ã¬~ 3 Ãž~Ã¬Â´Ã¬Â§€Ã«Â¥Â¼ Ã«Â³Â´Ã¬—Ã¬Â¸, Ãª²fÃ¬ž...Ã«^Ã«Â¸.

Ã¬~^Ã¬Â œ 1: PLAIN Ã¬œÂ Ã¬•

Ã¬•„Ã«ž~Ã¬~ Ã¬Â½”Ã«œ:

{toc order=asc shownum=1 type=plain }

Ã«Š” All the Documentation Ãž~Ã¬Â´Ã¬Â§€Ã¬— Ã«œ€Ã¬~Ã¬—Â¬ Ã«ÂªÂ©Ã¬Â°Â”Ã«Â¥Â¼ Ã«Â§œÃ«Â¸ Ãª²fÃ¬ž...Ã«^Ã«Â¸.










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 - 1.1 Goals
 - 1.2 Social Contract
- 2 Installation
 - 2.1 Requirements and Setup
 - 2.2 Download
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 - 2.3.1 Install with RPM
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 - 2.4 Windows Desktop Install
 - 2.5 Advanced Settings
 - 2.5.1 Shared Hosting

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-  1 Introduction: Welcome
 - 1.1 Goals
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-  2 Installation: How to install tikiwiki
 -  2.1 Requirements and Setup: What is required to install TikiWiki
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Ã«Š” All the Documentation Ãž~Ã¬Â´Ã¬Â§€Ã¬— Ã«œ€Ã•~Ã¬—Â¬ Ã«Â²Â©Ã¬Â°Â” Ã«Â¶Â¼ Ã«Â§œÃ«”Â± Ã«Â²fÃ¬ž...Ã«^Ã«Â±

Ãž~Ã¬Â´Ã¬Â§€Ã«Â²...(pagename) Ã¬,, Ã¬Â´,,Ã«^Ã¬•~Ã«Š” Ã«Â²fÃ¬€ (Ã¬ÂµœÃ¬†œ) 2Ã«Â°œÃ¬~ Ã«Â²Â½Ã¬šÂ°Ã¬—Ã¬,,œ
Ã¬œÂ Ã¬šÂ©Ã•Â©Ã«^Ã«Â±:

1. Ã«ÂµÃ¬Ã¬Â´;Â°Ã¬Â²Â´Ã¬~ Ã«Â§^Ã¬šÂ±Ã,,Â° Ã«Â²Â©Ã¬Â°Â” Ãž~Ã¬Â´Ã¬Â§€Ã«Â¶Â¼
Ã«ÂµÃ¬Ã¬Â´;Â°Ã¬Â²Â´Ã¬~ Ã«Â§^Ã¬š€Ã«Â§‰ Ãž~Ã¬Â´Ã¬Â§€Ã«Â´œ Ã•~Ã«Â³Â Ã¬<Â¶Ã¬,,
Ã«•œ.
 2. Ã«^Ã«Â¶Â, Ãž~Ã¬Â´Ã¬Â§€ Ã«,Â´Ã«Â¶€Ã¬—Ã¬,,œ (PluginInclude Ã«Â¶Â¼ Ã¬,Â´Ã¬šÂ©Ã¬
•~Ã¬—Â¬) Ã«Â²Â©Ã¬Â°Â” ÃfœÃ«Â´,Ã«Â´œ Ãž~Ã¬Â´Ã¬Â§€Ã«Â¶Â¼ Ã«Ã¬•Â´Ã•~Ã«Â³Â
Ã¬<Â¶Ã¬,, Ã«•œ.
Ãž~Ã¬Â´Ã¬Â§€Ã¬~ Ã¬Â´Ã«Â´,Ã¬,, Ã«Â²Â©Ã¬Â°Â” ÃfœÃ«Â´,Ã«Â´œ Ã¬Â´,,Ã«^Ã¬•~Ã¬Â§€
Ã¬•šÃ«Â³Â Ã«Â²Â©Ã¬Â°Â” ÃfœÃ«Â´,Ã¬™€ Ã•Â´Ã«Â»~ Ãž~Ã¬Â´Ã¬Â§€Ã«Â¶Â¼ Ã«Ã¬•Â´Ã•Ã«
Ã«Â²Â½Ã¬šÂ°, Ã«Â²Â©Ã¬Â°Â” Ã«Š” Ã«Ã¬•Â´Ã«œ Ãž~Ã¬Â´Ã¬Â§€Ã¬— Ã«œ€Ã•œ
Ã«Â²Â©Ã¬Â°Â” Ã«Â¶Â¼ Ã«Â³Â´Ã¬—Â¬Ã¬Â£Â¼Ã«Š” Ã«Â²f Ã«œ€Ã¬<Â´ Ã¬žÃ¬<Â´ Ã¬Â´ Ã«Ã¬-
•Â´Ã«œ Ãž~Ã¬Â´Ã¬Â§€Ã¬~ Ã«Â²Â©Ã¬Â°Â” Ã«Â¶Â¼ Ã«Â³Â´Ã¬—Â¬Ã¬Â£Â¼Ã«Â²œ Ã«Â´
Ã«Â²fÃ¬ž...Ã«^Ã«Â±.
- Ã¬Â´Ã«Š” Ã«Â°œÃ¬š” Ã«Â° Ã«Ã¬,,Â´, Ãž~Ã¬Â´Ã¬Â§€Ã¬— Ã«œ€Ã•~Ã¬—Â¬ Ã¬œÂ Ã¬šÂ©Ã¬-
•Â´œÃ«^Ã«Â±.

$\tilde{A} \rightarrow \hat{A} \mathbb{F} \hat{A}^{1/4} \tilde{A} \rightarrow \sim$: $\tilde{A} \ll \hat{A} \mathbb{x} \tilde{A} \ll \hat{A} \mathbb{y} \hat{A}$, $\tilde{A}^{\mathfrak{a}} \hat{A} \mu \hat{A} \rightarrow \tilde{A} \rightarrow \hat{A}; \hat{A}^{\circ} \tilde{A} \rightarrow \hat{A}^2 \hat{A}' \tilde{A} \rightarrow \rightarrow \tilde{A} \rightarrow$, „ $\mathfrak{e} \tilde{A} \rightarrow \sim \tilde{A} \ll \hat{A}^{\mathfrak{a}} \hat{A} \odot \tilde{A} \rightarrow \hat{A}^{\circ} \hat{A}'' \tilde{A} \ll \hat{A}; \mathfrak{e} \tilde{A} \tilde{Z} \sim \tilde{A} \rightarrow \hat{A}' \tilde{A} \rightarrow \hat{A} \mathbb{S} \mathfrak{E} \tilde{A} \ll \hat{A} \mathbb{y} \hat{A}^{1/4} \tilde{A} \hat{A} \rightarrow \tilde{A} \cdot \hat{A}'' \tilde{A} \rightarrow$
 $\cdot \hat{A}' \tilde{A} \rightarrow \cdot \hat{A}^{1/4} \tilde{A} \cdot \hat{A}$ $\tilde{A}^{\mathfrak{a}} \hat{A}^2 \hat{A}^{1/2} \tilde{A} \rightarrow \mathbb{S} \hat{A}^{\circ}$, $\tilde{A}^{\mathfrak{a}} \hat{A} \mu \hat{A} \rightarrow \tilde{A} \rightarrow \hat{A}; \hat{A}^{\circ} \tilde{A} \rightarrow \hat{A}^2 \hat{A}'$ ID $\tilde{A} \ll \sim \tilde{A} \cdot \mathfrak{e} \tilde{A} \rightarrow \hat{A}$ „ $\tilde{A} \ll \hat{A} \rightarrow \tilde{A} \cdot \hat{A}$ $\tilde{A} \cdot$ „ $\tilde{A} \rightarrow \mathbb{S}'' \tilde{A}^{\mathfrak{a}} \hat{A}^{\circ} \mathfrak{E} \tilde{A} \rightarrow \mathbb{Z}^{\wedge} \tilde{A} \rightarrow \mathbb{S} \hat{A} \mu \tilde{A} \ll \hat{A} \tilde{A} \ll \hat{A} \mathbb{x}$.

$\tilde{A} \ll \hat{A}^{\mathfrak{a}} \hat{A}'' \tilde{A} \ll ''^{\wedge} \tilde{A} \rightarrow \rightarrow \tilde{A} \rightarrow$, „ $\mathfrak{E} \tilde{A} \ll \hat{A}^{\mathfrak{a}} \hat{A} \odot \tilde{A} \rightarrow \hat{A}^{\circ} \hat{A}'' \tilde{A} \rightarrow \sim \tilde{A} \mathbb{F} \tilde{A} \rightarrow \mathbb{F} \% \mathfrak{o}$

[module wikistrukture](#) $\tilde{A} \ll \hat{A} \mathbb{y} \hat{A}^{1/4} \tilde{A} \uparrow \hat{A} \mu \tilde{A} \cdot \sim \tilde{A} \rightarrow \rightarrow \hat{A} \rightarrow \tilde{A} \rightarrow \mathfrak{e}$, „ $\tilde{A}, \hat{A} \mathbb{x} \tilde{A} \tilde{Z} \sim \tilde{A} \rightarrow \hat{A}' \tilde{A} \rightarrow \hat{A} \mathbb{S} \mathfrak{E} \tilde{A} \ll \hat{A} \mathbb{x} \tilde{A} \rightarrow \sim \tilde{A}^{\mathfrak{a}} \hat{A} \mu \hat{A} \rightarrow \tilde{A} \rightarrow \hat{A}; \hat{A}^{\circ} \tilde{A} \rightarrow \hat{A}^2 \hat{A}' \tilde{A} \rightarrow \sim$
 $\tilde{A} \ll \hat{A}^{\mathfrak{a}} \hat{A} \odot \tilde{A} \rightarrow \hat{A}^{\circ} \hat{A}'' \tilde{A} \rightarrow \rightarrow \tilde{A} \rightarrow$, „ $\mathfrak{e} \tilde{A} \ll \text{™} \tilde{A} \rightarrow \hat{A}$ $\tilde{A} \rightarrow, \hat{A} \rightarrow \tilde{A} \rightarrow \hat{A}' \tilde{A} \ll '' \mathfrak{e} \tilde{A} \ll \hat{A} \odot '' \tilde{A} \ll \% \mathfrak{o} \hat{A}' \tilde{A} \ll \hat{A} \mathbb{y} \hat{A}^{1/4} \tilde{A} \ll \hat{A} \mathbb{S} \mathfrak{E} \tilde{A} \ll \hat{A} \mathbb{x} \tilde{A} \rightarrow \sim \tilde{A} \rightarrow \mathbb{Z}^{\wedge} \tilde{A} \rightarrow \mathbb{S} \hat{A} \mu \tilde{A} \ll \hat{A} \tilde{A} \ll \hat{A} \mathbb{x}$.

$\tilde{A} \ll \hat{A}^3$, „ $\tilde{A} \rightarrow \hat{A}^1 \hat{A}$