

ì- 'è" "ì-ì,,œ êµ-í• ì~ ìž^è,~?

í<°í,œ ê¶ŒÉí•œ ê²€ì,-èš" íš,ë í-ì-ì œê³µë~ë©° ë...ë!½í~•íœ¼ëíœ ë<àìš'ëíœë"œ ë ì~ ìž^ìšµë<^ë<œ.
Tiki10 è, 'ë¶ŒÉì-ë,, ì œê³µë©ë<^ë<œ (2012-10-22 í'ì,,ë¶ŒÉì,,°). ë...ë!½í~• ë²,,ì ,,ì€ í<°í,œ ì~ ê, ì- 'è- í•œ
ë²,,ì ,,ê³¼ë,, ìž'è™ì,, í• ê²fìž...ë<^ë<œ (í~,,ìž- ì~ì,, ìì€ ìž'è™ì,, í• ì•¼í•œë<œê³ ë³'è³ ìž^ìšµë<^ë<œ) ë³,
ìž^ìšµë<^ë<œ í• ë<^ì-,, ì•ÉíŒÉÉ ë²,,ì ,,ì' ì²"ë¶ŒÉë~ì- ' ìž^ìšµë<^ë<œ.

ê°€ìžŸ ìµœì< ë²,,ì ,,ì' ì½"è"œèš" ë<àìŒ ìœ,,ì¹-ì- ìž^ìšµë<^ë<œ:

- <https://svn.code.sf.net/p/tikiwiki/code/trunk/permissioncheck/>
- <https://svn.code.sf.net/p/tikiwiki/code/branches/11.x/permissioncheck/>
- <https://svn.code.sf.net/p/tikiwiki/code/branches/10.x/permissioncheck/>

2. í<°í,œ ê¶ŒÉí•œ ê²€ì,- í™ œè,,±í™ " ë° ë¹,,í™ œè,,±í™ " í•ê,°

ì<°í,œ ê¶ŒÉí•œ ê²€ì,-èš" í<°í,œ ê¶ŒÉí•œ ê²€ì,-èš¼ í™ œè,,±í• ë° ë¹,,í™ œè,,±í™ " í•êš" ê²fìž...ë<^ë<œ.
í•,,ìš"í•œ ì•ê³'èš¼ ì•ë"í-ìœ¼ë©' , ë¹,,í™ œè,,±í™ "í•êš" ê²fì,, ê°•ë Ÿ ì¶Œ"ì²œí•©ë<^ë<œ, ì'èš" ë²ë²±
í•~íœ,,ë""ë %óí,,°ëì-è"œì' í...ŒÉìšœíš, ë²©ì ìœ¼ëíœ ì,,ì- ì"°ê,° ê°€èšŸí•ê²Œ ì,,œì•ë~ë©° íŒÉí¼ë"œì'
ìŒÉíœ ê¶ŒÉ (user/group) í' ëŒÉìœì-è²Œ ë... ì¶Œœë~ê,° ë•Œë-ìž...ë<^ë<œ (í•~ìš€èšŒ, ì¹,,œë²,,ì'
ì,,œì•ì- ë"°è¼, ê°€èšŸí•ë<œë©' htaccess ë³'í' ,ëš¼ ì,-ìš©í• ì^è,, ìž^ìœ¼ìœ ê²fìž...ë<^ë<œ).

2.1. í<°í,œ ê¶ŒÉí•œ ê²€ì,-èš¼ ì%~ì-ì,,œ ì'š©

sh (í~ì€ bash, dash) ì™€ ê°™ ì€ ì%~ì,, ì,-ìš©í•~ì- ì<°í,œ ê¶ŒÉí•œ ê²€ì,-èš" ìšœì-è!½íš,ëš¼ ì<°í-œì'~ì<œìœìœ.

2.1.1. ìšœì-è!½íš, ê¶ŒÉí•œ ì,,œì•

í<°í,œì~ ë-ì,,œ êŒ"íš,ì- ìž^ìŒ:
chmod 600 prepare_permissioncheck.sh

2.1.2. htaccess ê¶ŒÉí•œ ì,,œì•

í<°í,œì~ ë-ì,,œ êŒ"íš,ì- ìž^ìŒ:
chmod 644 permissioncheck/.htaccess
ëšŒÉí•½ .htaccess ì' ììž-í•~ìš€èšŒ ì¹,,œë²,,ì-ì,,œ ì½ì,, ì~ ì-ìŒë<œ©' , ë-ì œê°€ ë°œìfí• ì~è,, ìž^ìšµë<^ë<œ.

ì'èš" í<°í,œ ê¶ŒÉí•œ ê²€ì,-è°€ ì%~ ìšœì-è!½íš,ì- ì'í•~ì- ì™ œè,,±í™ " í~ì€ ë¹,,í™ œè,,±í™ " ë
ë•Œëš^ë<œ ìš,,í-%ë©ë<^ë<œ. ê,ëŸ-è-ëíœ ëŒÉíœ¶ŒÉí•, ì' ê²½ìš°, ì~è™ ìœ¼ëíœ ìš,,í-%óí• í•,,ìš"è°€
ì-ìšµë<^ë<œ.

2.1.3. ì%~ì,, íŒµí•~ì- ì™ œè,,±í™ "

í<°í,œì~ ë-ì,,œ êŒ"íš,ì- ìž^ìŒ:
sh prepare_permissioncheck.sh enable

2.1.4. ì%~ì,, íŒµí•~ì- ì™ œè,,±í™ "

í<°í,œì~ ë-ì,,œ êŒ"íš,ì- ìž^ìŒ:
sh prepare_permissioncheck.sh disable

2.2. í<°í,œ ê¶ŒÉí•œ ê²€ì,-èš¼ FTP ëš¼ íŒµí•~ì- ì,-ìš©

ì%~ ì'è¼ì' ì-ì' ê¶ŒÉí•œè,, ì,,œì• í•~èš" ê²fì€ ì%~ìš' ê²fì' ì•,,ë<^ë<œ. ìš€ì- íŒÉí¼ ê¶ŒÉí•œè,,
ì,,œì• í•~è³ ì-...ëíœë"œëš¼ í•ê±ë,~ FTPëš¼ íŒµí•~ì- ìŒÉí¼ì,, ì,,œì• ì~ ìž^ìšµë<^ë<œ (è' ê²½ìš°
ë²"è': enable/disable). ì¶Œ"è°€íœ í<°í,œ ê¶ŒÉí•œ ê²€ì,-èš¼ í™ œè,,±í™ " í•ê œë©'
permissioncheck/yes.bin ëš¼ permissioncheck/permission_granted.bin ëíœ ë³µì,-í•~è³
ë¹,,í™ œè,,± í•ê œë©' permissioncheck/no.bin ëš¼ permissioncheck/permission_granted.bin ëíœ
ë³µì,-í•~ì-ì¼ í•©ë<^ë<œ. (è' ê²½ìš° ë²"è': ê, í,, FTP ëíœ ë<àìŒ, ì-...ëíœë"œ í•©ë<^ë<œ
permissioncheck/permission_granted.bin).

2.2.1. FTP chmod 0755 ítmí•œ ì¼è°~ ì,,xì •

```
chmod 755 permissioncheck
chmod 644 permissioncheck/check.php
chmod 644 permissioncheck/functions.php.inc
chmod 600 permissioncheck/_htaccess
chmod 644 permissioncheck/.htaccess if it exists
chmod 600 permissioncheck/.htpasswd
chmod 644 permissioncheck/index.php
chmod 444 permissioncheck/no.bin
chmod 444 permissioncheck/permission_print.php.inc
chmod 644 permissioncheck/permission_granted.bin
chmod 644 permissioncheck/permission_granted.php.inc
chmod 644 permissioncheck/usecases.php.inc
chmod 644 permissioncheck/usecases.txt
chmod 444 permissioncheck/yes.bin
```

htaccess ê¶(Eí•œ ì,,xì •

ê§(Eì•½ í°í,x ê¶(Eí•œ ê²èì,-ê°€ permissioncheck/ ë,´ê¶(Eì~ ê,°ì'ì~ .htaccess ì-ì'í•ì-í-
ê³'í~,ëœë<xë©', í°í,x ê-ì,,œ êf"íš,ì- ë<xì(èì,, í™•ì,í•ì<œì~x:

```
chmod 644 permissioncheck/.htaccess
```

ê§(Eì•½ .htaccess ê°è ì'ìž-í•ìš(ê§(E ì¼ì,,œè²,ì-ì,,œ ì½ì-´ë"xì¼ì~ ì-í-í-ëœë©', ê-ì,ìœê°€ ë°œìfí•
ì~ë,, ìž^ìšµè<^ë<x.

2.2.2. via FTP chmod 0755 ítmí•~ì-í- í™œì,,±í™ "

permissioncheck/new_htaccess 0755 (ìž,,ì~ì ë, ìš©ìœ¼/èìœ) ìfì,,±, permissioncheck/yes.bin 0755
permissioncheck/permission_granted.bin ì- ê³µì,-í•ê³ ë"ë<x ì-...èìœë"œ, ë<xì(èì³¼ ê°™ì' FTP
ì,,œè²,,ì-ì,,œ í(è(èì¼ ê¶(Eí•œ ê³èè²½:

```
chmod 644 permissioncheck/create_new_htaccess.php
chmod 777 permissioncheck/insane
chmod 777 permissioncheck/insane/check.php
chmod 700 permissioncheck/mixed
chmod 660 permissioncheck/mixed/check.php
chmod 705 permissioncheck/morepain
chmod 606 permissioncheck/morepain/check.php
chmod 705 permissioncheck/moreworry
chmod 604 permissioncheck/moreworry/check.php
chmod 666 permissioncheck/new_htaccess
chmod 701 permissioncheck/pain
chmod 606 permissioncheck/pain/check.php
chmod 770 permissioncheck/paranoia
chmod 600 permissioncheck/paranoia/check.php
chmod 701 permissioncheck/paranoia-suphp
chmod 600 permissioncheck/paranoia-suphp/check.php
chmod 775 permissioncheck/risky
chmod 664 permissioncheck/risky/check.php
chmod 701 permissioncheck/worry
chmod 604 permissioncheck/worry/check.php
```

2.2.3. FTP chmod 0755 ítmí•~ì-í- è¹,,í™œì,,±í™ "

permissioncheck/no.bin 0755 permissioncheck/permission_granted.bin èìœ ê³µì,-í•ê³
ì-...èìœë"œ, FTP ì,,œè²,,ì-ì,,œ ë<xì(èì³¼ ê°™ì' ê¶(Eí•œ ì,,xì • ê³èè²½:

```
chmod 000 permissioncheck/create_new_htaccess.php
chmod 700 permissioncheck/insane
chmod 600 permissioncheck/insane/check.php
chmod 700 permissioncheck/mixed
chmod 600 permissioncheck/mixed/check.php
chmod 700 permissioncheck/morepain
chmod 600 permissioncheck/morepain/check.php
```

```

chmod 700 permissioncheck/moreworry
chmod 600 permissioncheck/moreworry/check.php
chmod 600 permissioncheck/new_htaccess
chmod 700 permissioncheck/pain
chmod 600 permissioncheck/pain/check.php
chmod 700 permissioncheck/paranoia
chmod 600 permissioncheck/paranoia/check.php
chmod 700 permissioncheck/paranoia-suphp
chmod 600 permissioncheck/paranoia-suphp/check.php
chmod 700 permissioncheck/risky
chmod 600 permissioncheck/risky/check.php
chmod 700 permissioncheck/worry
chmod 600 permissioncheck/worry/check.php

```

3. ê¶Œí•œ ê°œîš": ì~`ì œ

<http://example.org/permissioncheck/>
<http://demo.tiki.org/pd/permissioncheck/>
<http://demo.tiki.org/10x/permissioncheck/>
<http://demo.tiki.org/trunk/permissioncheck/>

3.1. í<°í,œ ê¶Œí•œ ê²€ì,¬ ì,¬îš©í•~ê,°

ìžì< ì í<°í,œ ì,œ ì~ ê²½ëíœ /permissioncheck/ ë¼¼ ë°ë¬,í•~ë©´ TPC ë©"ì, ìž~ì ìšë¼¼ ë³´ê²Œ ë ê²fiž...ë<^ëœ. ìœ,,ì ì~`ì œè-ì,,œ example.com ë,,ë©"ì,ì,, ê•í•~ì ë,,ë©"ì,ìœ¼ëíœ êµ²´ í•~ì<œì~œ. ìž~ì ìšë°ë ì´ê²fië ë¹,,í™ œè,,±í™" ë~ì-ìž^ìšµë<^ëœ ë¼ê³ ëší•~ë©´, í™ œè,,±í™"ë¼¼ í• ìf¼ì... "ì•¼ í•©ë<^ëœ. ì´ëŸ-í•œ ê¶Œí•œë"œ-ëœí•~ì-¬ ëª"ë" ê¶Œí•œ ëª"ë,, ì,¬îš©ìž, ê•,ëf¹ ë° íŒŒì¼ ê¶Œí•œ ì´ë³ ì-¬ì¼ í•~ë©°, ì´ ëª"ë,ì ìž´ë™ì,, í• ê²fi,ìšë ì-¬ë¶ëì-ëœí•œ ìžŒíš,ë,, ë³´ì-¬ì¼ í•©ë<^ëœ. ìž´ë™ì,, í• ê²f ê°™ ìë ëª"ë,ëª...ì,, ê•,°ëíí´ë´ì<œì~œ. ì,,ì-ì•,,ìš"í•~ê²Œ ë ê²fiž...ë<^ëœ

4. í<°í,œ ê¶Œí•œ ê²€ì,¬ëíœë¶Œí•œ,,òì ì•ë³´ ì,¬îš©í•~ê,°

4.1. ì%œ~ ì´ê¼¼

í<°í,œ ëf"íš, ë""ë %œí,,°ëì-ëíœ ê°ëì,,œ ì,œ ì~ ìšœí-ëì¼íš,ë¼¼ ìž´ë™í• ê²fi²~ëŸ¼¼ ë³´í´ëš" ëª"ë,ëª... ìœ´ í•~ë,,ì™ë í•"ê" ìœí-%œí•~ì<œì~œ:

```
sh setup.sh $model ↓
```

ì-¬ê,°ì,,œ \$model ë¼¼ ìœ,,ì- ì ì´ë†"ìœ¼ì< ê²fiœ¼ëíœ êµ²´ í•~ì<œì~œ. ì´ ëª"ë,ì ì-¬ì,,ìž^ ìž´ë™í•~ìšë ì•šëš"ë<œë©´, ë<œë¼, ê²fiœ¼ëíœ ìœë,,í•~ì<œì~œ. ìž´ë™í•~ëš" ëª"ë,ì ì-†ë<œë©´, í•~ë,,ì© ë²´ê°`ì,, ê°ëë° ëª"ë" ì,¬ì,, ì´ì~ëœ ëª"ë,ë"œ,, ìœë,,í•´ ë³´ìœë³ ê²°ê³¼ë¼¼ ìšë¼¼œë³´ì<œì~œ

5. setup.sh ì~ ëª...ë ¼ì-´

5.1. ì¼ë°~ ëª...ë ¼ì-´

- default
- menu
- nothing

5.2. ì,,ítµ ëª...ë ¼ì-´

- fix
- open

5.3. ì,¬ì,,ì´ì~ëœ ëª"ë,ë"œ

- insane

3) `if [-x "$(cat /dev/urandom | tr -dc 'a-z0-9' | fold -w 64 | xargs printf '%s\n' | shasum -b | cut -d ' ' -f 1)] ; then echo "Setup complete" ; else echo "Setup failed" ; fi`

7. `if [-x "$(cat /dev/urandom | tr -dc 'a-z0-9' | fold -w 64 | xargs printf '%s\n' | shasum -b | cut -d ' ' -f 1)] ; then echo "Setup complete" ; else echo "Setup failed" ; fi`

- <https://dev.tiki.org/Permission+Check>
- `if [-x "$(cat /dev/urandom | tr -dc 'a-z0-9' | fold -w 64 | xargs printf '%s\n' | shasum -b | cut -d ' ' -f 1)] ; then echo "Setup complete" ; else echo "Setup failed" ; fi`
- `htaccess`
- <https://dev.tiki.org/How+to+avoid+direct+access+of+a+file>