

?????

- [Google AdSense](#)
- [?? Docker ?? Mindtouch](#)
- [????](#)

??
Mindtouch (??? Dekiwiki)?? 2013 ?????????? OpenSource ?????????????? Mindtouch 10.1.4?

?????

- CentOS 5.8 32/64-bit, CentOS 6 64-bit
- Apache 2.2.3
- Mono 2.10.8
- Mindtouch 10.1.4

?????????

- [GitHub](#)
- [SourceForge](#)
- [Mindtouch Repository](#)

?? Mono 2.10.8

Installing Dependencies

<http://fedoraproject.org/wiki/EPEL>

```
// for CentOS 5  
wget http://mirror01.idc.hinet.net/EPEL/5/i386/epel-release-5-4.noarch.rpm  
rpm -Uvh epel-release-5-4.noarch.rpm
```

```
// for CentOS 6  
yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-6.noarch.rpm
```

```
yum install bison gettext glib2 freetype fontconfig libpng libpng-devel libX11 libX11-devel glib2-devel  
libgdi* libexif glibc-devel urw-fonts java unzip gcc gcc-c++ automake autoconf libtool make bzip2 wget
```

Downloading and Compiling

<http://origin-download.mono-project.com/sources/mono/>

NOTE: ?????? mono?????????????

```
cd /usr/src  
wget http://download.mono-project.com/sources/mono/mono-2.10.8.tar.gz  
tar xzf mono-2.10.8.tar.gz
```

```
cd mono-2.10.8
./configure --prefix=/opt/mono-2.10.8
make && make install
```

TIP?

?????????? Out of memory ?????

```
ulimit -v unlimited
```

Completed the installation

```
# /opt/mono-2.10.8/bin/mono --version
Mono JIT compiler version 2.10.8 (tarball Sun Jul 6 02:48:03 EDT 2014)
Copyright (C) 2002-2011 Novell, Inc, Xamarin, Inc and Contributors. www.mono-project.com
  TLS:      __thread
  SIGSEGV:  altstack
  Notifications: epoll
  Architecture: x86
  Disabled:  none
  Misc:     softdebug
  LLVM:     supported, not enabled.
  GC:      Included Boehm (with typed GC and Parallel Mark)
```

?? MySQL ?????

for CentOS 6

```
yum install mysql-server httpd php-common php php-mysql php-gd \
php-mbstring php-mcrypt wv links tidy html2ps mod_ssl \
poppler-utils html2text mod_proxy_html
```

Install Prince

```
wget http://www.princexml.com/download/prince-11.3-1.centos6.x86_64.rpm
rpm -ivh prince-11.3-1.centos6.x86_64.rpm
```

?? Mindtouch 10.1.4

for Cent OS 6)

```
wget http://repo.mindtouch.com/CentOS_5/noarch/mindtouch-10.1.4-6.1.noarch.rpm
rpm -ivh mindtouch-10.1.4-6.1.noarch.rpm
```

for CentOS 5)

```
cd /etc/yum.repos.d
```

```
wget http://repo.mindtouch.com/CentOS_5/home:mindtouch.repo -O mindtouch.repo
```

```
??????? /etc/yum.repo.d/mindtouch.repo
```

```
[home_mindtouch]
```

```
name=mindtouch's Home Project (CentOS_5)
```

```
type=rpm-md
```

```
baseurl=http://repo.mindtouch.com/CentOS_5/
```

```
gpgcheck=1
```

```
gpgkey=http://repo.mindtouch.com/CentOS_5/repoata/repomd.xml.key
```

```
enabled=1
```

```
????
```

```
yum install mindtouch
```

Mindtouch ??

```
?? Apache
```

```
?? /etc/httpd/conf.d/deki-apache.conf
```

```
<VirtualHost *:80>
```

```
ServerName www.example.com
```

```
#ServerAlias
```

```
ErrorLog /var/log/httpd/error-dekiwiki.log
```

```
CustomLog /var/log/httpd/access-dekiwiki.log common
```

```
DocumentRoot "/var/www/dekiwiki"
```

```
RewriteEngine On
```

```
RewriteCond %{REQUEST_URI} ^/$
```

```
RewriteRule ^/$ /index.php?title= [L,QSA,NE]
```

```
RewriteCond %{REQUEST_URI} !^/(@api|editor|skins|config|deki)/
```

```
RewriteCond %{REQUEST_URI} !^/index\.php
```

```
RewriteCond %{REQUEST_URI} !^/favicon\.ico$
```

```
RewriteCond %{REQUEST_URI} !^/robots\.txt$
```

```
RewriteCond %{REQUEST_URI} !^/error/(.*)\.var$
```

```
RewriteCond %{QUERY_STRING} ^$ [OR] %{REQUEST_URI} ^/Special:Search
```

```
RewriteRule ^/(.*)$ /index.php?title=$1 [L,QSA,NE]
```

```
# Bug: 5252 https rewrite/proxy rules
```

```
RewriteCond %{HTTPS} =on
```

```
RewriteCond %{REQUEST_URI} ^/@api/
```

```
RewriteCond %{QUERY_STRING} !^(.*)dream.in.scheme= [NC]
```

```
RewriteRule ^/@api/(.*)$ http://localhost:8081/$1?dream.in.scheme=https [QSA,P,L]
```

```

RewriteCond %{HTTPS} =on
RewriteCond %{REQUEST_URI} ^/@api/
RewriteCond %{QUERY_STRING} ^(.*)dream.in.scheme= [NC]
RewriteRule ^/@api/(.*)$ http://localhost:8081/$1 [QSA,P,L]
# End Bug: 5252

# deki-api uses encoded slashes in query parameters so AllowEncodedSlashes must be On
AllowEncodedSlashes On

# FIXME:
# Some php flags we need. These are only needed until all
# the short php open tags are changed to long in the source code.
php_flag short_open_tag on
# Allow short open tags and turn off E_NOTICE messages
php_value error_reporting "E_ALL & ~E_NOTICE"
# Setting php memory parameters
# php_value memory_limit "128M"
# php_value post_max_size "64M"
# php_value upload_max_filesize "64M"

# mod_proxy rules
ProxyPass /@api http://localhost:8081 retry=1
ProxyPassReverse /@api http://localhost:8081
SetEnv force-proxy-request-1.0 1
SetEnv proxy-nokeepalive 1

<Proxy *>
  AddDefaultCharset off
  Order deny,allow
  Deny from all
  Allow from all
</Proxy>
</VirtualHost>

<Directory "/var/www/dekiwiki">
  # Possible values for the Options directive are "None", "All",
  # or any combination of:
  # Indexes Includes FollowSymLinks SymLinksifOwnerMatch ExecCGI MultiViews
  #
  # Note that "MultiViews" must be named *explicitly* --- "Options All"
  # doesn't give it to you.
  #
  # The Options directive is both complicated and important. Please see
  # http://httpd.apache.org/docs-2.2/mod/core.html#options
  # for more information.
  Options None
  # AllowOverride controls what directives may be placed in .htaccess files.
  # It can be "All", "None", or any combination of the keywords:
  # Options FileInfo AuthConfig Limit
  AllowOverride All

```

```
# Controls who can get stuff from this server.
Order allow,deny
Allow from all
</Directory>
```

????

```
service httpd start
chkconfig httpd on
```

?? MySQL

```
service mysqld start
chkconfig mysqld on
mysql_secure_installation
```

???? **Mindtouch**

http://server-ip-address/ , ????????????????

TIPS:

- ?? httpd ??????
- ????? MySQL ????
- ?? mono ????? /opt/mono-2.10.8/bin/mono
- ?????: Mono was not found in your path. Please specify the path to mono in the Advanced Configuration section. , ??????

Web Installation:

- Choose Install Type : Mindtouch Core
- Site Info
 - ? Site Name: ?????NOTE:????????????????????????????
 - ? Admin email: admin@localhost.localdomain
 - ? Site Location: Taiwan
- Admin Info
 - ? First Name: admin *??*
 - ? Last Name: ???
 - ? Phone: ???
 - ? Admin password: *??*
 - ? Confirm password: *??*
- Database Configuration
 - ? Database Host: localhost
 - ? Database name: wikidb
 - ? Database user: wikiuser
- Existing MySQL Credentials

License Type: Mindtouch Core Perpetual license
 License Activated

Mindtouch

NOTE

- DB: /data/wikidb.sql
- Attachments: /data/dekiwiki/attachments/
- Favicon: /data/dekiwiki/favicon.ico

//

mysql -u root -p wikidb < /data/wikidb.sql

// attachments

cp -rp /data/dekiwiki/attachments/* /var/www/dekiwiki/attachments/
 chown -R dekiwiki:apache /var/www/dekiwiki/attachments/

NOTE:

/var/www/dekiwiki/LocalSettings.php?

...

//

\$wgProfileApi = true;

\$wgDefaultTimezone = '+08:00'; //GMT offset

//

\$wgDefaultEditorEngine = 'FCKeditor';

\$wgDefaultEditor = 'FCKeditor';

//

\$wgForceCP = true;

cp /data/dekiwiki/favicon.ico /var/www/dekiwiki/

?? Mindtouch

chkconfig mysqld on

chkconfig httpd on

chkconfig dekiwiki on

service httpd start

service dekiwiki start

FAQ

????????????????????

HTTP Response Status Code: 500

An exception was thrown: Could not find specified column in results in MySql.Data

ANS???????????????? Mindtouch ? Dekiwiki ????????????

```
# cd /var/www/dekiwiki/maintenance/  
# php update-db.php
```

```
Updating wikidb on localhost  
Applying misc database updates...?done  
added 'languages' config key  
Start update script  
added 'files/blacklisted-disposition-mimetypes' config key  
fixing recentchanges.rc_cur_id data  
dropping stored procedures  
adding user_seat column to users table  
dropping table `linksc`  
dropping table `objectcache`  
dropping table `querycache`  
Done.
```

????

- [Sourceforge](#)
- SSL: [https://wiki.weblab360.com/User:xltr...ion/Enable SSL](https://wiki.weblab360.com/User:xltr...ion/Enable_SSL)
- [Resurrecting MindTouch's DekiWiki](#)