



Configuration keys and values

Overview

Configuration of the MindTouch API service is handled a startup xml file (/etc/dekiwiki/mindtouch.deki.startup.xml) and the database table 'config'. The xml file is used by Dream to start the MindTouch service and setup the environment while the 'config' table holds options that can generally be set via the control panel (/deki/cp/configuration.php or by going to **Control Panel** -> **Configuration** -> **Advanced Config**). Both are described here.

MindTouch Settings

Configuration Key	Default Value	Changelog
admin/email		1.8.2
admin/contact-threshold	1	1.8.2
cache/master	request	9.12
cache/anonymous-output	false	8.05.1
cache/anonymous-output-short	300	8.05.1
cache/anonymous-output-long	3600	8.05.1
content/new-user		8.05.2
content/create-user-homepage-on-login (deprecated)	true	9.02
db-catalog		1.8.3
db-password		1.8.3
db-server		1.8.3
db-user		1.8.3
editor/safe-html	true	1.8.2
editor/web-link-nofollow	true	9.12.2
events/enable-page-view-events	false	9.02

feed/cache-ttl	14400	12.04.26
feed/diff-cache	false	9.12.2
feed/diff-cache-path	(system temp folder)	12.04.26
feed/recent-changes-scan-size	10000	9.12
files/blocked-extensions	exe, vbs, scr, reg, bat, com	1.8.1
files/enable-unsafe-ie-inlining	false	9.08
files/imagemagick-extensions	bmp, jpg, jpeg, png, gif	1.8.1
files/imagemagick-max-size	2000000	1.8.1
files/imagemagick-thumbnail-pixels	160	9.02.2
files/imagemagick-webview-pixels	550	9.02.2
files/max-export-size	10000000	11.0
files/max-file-size	268435456	1.8.1
files/max-import-size	10000000	11.0
files/max-pdf-export-size	100	11.0
gravatar/default		8.05.2
gravatar/rating	g	8.05.2
gravatar/secure		8.08.1a
gravatar/size	80	8.05.2
instance/mode	onpremise	10.0.3
languages		8.05
mail/smtp-servers		1.8.3
mail/smtp-username		1.8.3
mail/smtp-password		1.8.3
packageupdater/username		10.0
page-subscription/email-format	both	9.12
page-subscription/from-address		9.12

page-subscription/use-short-email-address	false	10.0.2
pages/max-diff-size	25000	10.1.1
pages/max-page-size	100000	10.1.1
pages/max-sitemap-size	50000	10.1
privacy/expose-user-email	false	9.08
script/globals		11.0
script/site-users-limit	0	11.0
script/timeout	60	10.0.2
search/rating-promote-boost	5	10.0
search/rating-demote-boost	0	10.0
search/rating-count-threshold	1000	10.0
search/rating-rank-midpoint	0.2	10.0
search/search-popularity-boost	5	10.0
search/search-popularity-threshold	100	10.0
search/termquery	<i>see below</i>	10.0
security/allow-anon-account-creation	true	1.8.1d
security/cookie-expire-secs	604800	1.8.1d
security/new-account-role	Contributor	1.8.1d
security/allow-trusted-auth (deprecated)	false	8.05.1
security/trusted-auth-provider-id (deprecated)		8.05.1
security/homepage-grant-role		8.05.2
security/admin-user-for-impersonation	sysop or admin	8.05.2
security/authtokensalt		9.02
site/search-disabled	false	1.8.1
stats/page-hit-counter	true	8.05.1
stats/update-user-on-access	0	TCS

stats/slow-page-render-alert		10.1
storage/fs/cache-path		1.8.1
storage/fs/path		1.8.1
storage/s3/bucket		1.8.1
storage/s3/privatekey		1.8.1
storage/s3/publickey		1.8.1
storage/s3/prefix		1.8.1
storage/s3/timeout		1.8.1
storage/s3/fscache-path	string	11.0
storage/type	fs	1.8.1
ui/analytics-key	UA-68075-16	1.8.1
ui/banned-words		1.8.1
ui/comment-count	15	1.8.1
ui/custom/bodycss		1.8.2
ui/custom/css		1.8.2
ui/dynamic-nav	true	1.8.1
ui/default-auth-service		1.8.3
ui/external-link-target	_blank	9.02
ui/language	en-us	1.8.1
ui/logo (deprecated)	/common/logo/logo.png	1.8.1
ui/logo-uri		1.8.3
ui/nav-max-items	25	1.8.3
ui/nav-max-width	1600	8.0.7
ui/nav-type	compact	10.0
ui/sitename	DekiWiki (1.81)	1.8.1
ui/skin	neutral	1.8.1

ui/template	ace	1.8.1
ui/toc-max-heading	6	9.02
ui/use-cdn	false	1.8.1d
ui/logo-maxwidth	280	N/A
ui/logo-maxheight	72	N/A
sso/login-url		TCS
sso/logout-url		TCS
ui/plugins/mindtouch_drafts/service-uri		TCS
ui/plugins/mindtouch_drafts/load-resources		TCS
ui/plugins/mindtouch_drafts/moderator-email		TCS

Setting Descriptions

Maximum number of pages the system let's export.

admin/email string - available in PHP as \$wgAdminEmail

Email address of person to contact for technical problems

admin/contact-threshold integer - available in PHP as \$wgAdminContactThreshold

Number of hours before emailing admin in ca se of a 502 "Service Not Available" error

cache/master string

Describes the type of data caching, if any, that is being performed to reduce database queries. Possible values are 'false' to disable caching, 'request' to cache data for the lifetime of a request, and 'instance' to cache data between requests leading to fewest DB queries. This is not available on MindTouch Core. (default: request)

cache/services bool

Enable caching of authentication providers and extensions to reduce database calls. (default: false)

cache/users bool

Enable caching of user data to reduce database calls. (default: false)

cache/bans bool

Enable caching of bans to reduce database calls. (default: false)

cache/anonymous-output bool

Enable caching of generated output for the anonymous user for several API calls. This will greatly improve performance for anonymous users at the cost of their data being slightly out of date. This is very useful for internet sites experiencing a burst of anonymous users. (default: false)

cache/anonymous-output-short integer

If cache/anonymous-output is enabled, this is the time in seconds to cache the shorter ttl calls described below (default: 300)

cache/anonymous-output-long *integer*

If cache/anonymous-output is enabled, this is the time in seconds to cache the longer ttl calls described below (default: 3600)

content/new-user *string*

Page to use as content for new user page. For example, could be used to reference a template page, such as "Template:UserProfile" (w/o quotes). The contents of this page would then be used as the contents of the new user page. If none provided, system inserts the default text:

```
{{wiki.localize('System.API.new-user-page-text')}}
```

content/create-user-homepage-on-login *bool*

(NOTE: This is deprecated for 10.0. Homepages are always created for users.) User homepages are created on login by default. Set to false to disable this behavior. Note that users require UPDATE rights on the root page in order to create their homepage later.

editor/safe-html *boolean*

Whether or not to remove potentially unsafe html tags

editor/web-link-nofollow *boolean*

Whether or not external web links have the "nofollow" class.

events/enable-page-view-events *boolean*

Whether page view events are generated in the Deki event bus

feed/cache-ttl (integer)

Number of seconds feeds for the anonymous user are cached for.

feed/diff-cache *bool*

Cache page diffs computations

feed/diff-cache-path (string)

Server folder location where computed feed diffs are stored. Defaults to value returned by `Path.GetTempPath()`.

feed/recent-changes-scan-size *integer*

Limit how many most recent site-wide changes are looked at to populate Recent Changes

files/blocked-extensions *string, as comma separated list*

Unallowed extensions as file attachments

files/enable-unsafe-ie-inlining *string, as comma separated list*

Enable inlining of content that cannot be guaranteed to not be incorrect mimetype which may result in IE6 & IE7 content-type snooping to execute the content

files/imagemagick-extensions *string, as comma separated list*

File extensions that will generate image previews

files/imagemagick-max-size *integer*

Maximum image size for preview generation (setting this value too high may choke your memory usage)

files/imagemagick-thumbnail-pixels *integer*

Maximum pixel dimensions of a thumbnail-sized image

files/imagemagick-webview-pixels *integer*

Maximum pixel dimensions of a webview-sized image

files/max-export-size

Maximum size of an export, taking page's content, page's files, and page's properties into account. The unit of measure is bytes.

files/max-file-size *integer*

Maximum file size for file attachments (checked on upload); ensure that this value matches `post_max_size` and `upload_max_filesize` in `php.ini`

files/max-import-size *integer*

Maximum file size when trying to import a tree of pages. The unit of measure is bytes.

files/max-pdf-export-size

Maximum number of pages when exporting a tree of pages to PDF format.

gravatar/default *string*

Determines the default gravatar to show if user has not defined one. Possible values are *identicon*, *monsterid*, and *wavatar* (these are all auto-generating algorithms with unique images for each user). If omitted, the gravatar logo is used as default.

gravatar/rating *string*

Determines which gravatar to show when a user has multiple associated images based on rating. Possible values are *g*, *pg*, *r*, and *x*.

gravatar/size *integer*

Determines the size of the gravatar to show. Possible values range from 1 to 512.

gravatar/secure *string*

Add an arbitrary string in front of the email address to prevent reverse hash look-ups. If set to "hidden", MindTouch will hide the user's e-mail hash and gravatar link from everyone except an admin user or if a user looks up their own information.

instance/mode *string*

Determines whether the instance is running in 'onpremise' or 'cloud' mode

languages *string*

Converts Deki into "multi-language" mode which:

- Adds "Page Properties" dialog which allows you to set a language to a page
- Adds "User preferences" which allows each user to select their own language (from a dropdown languages config key list)
- Adds dropdowns which appear for Search and Tags to allow users to filter result sets

mail/smtp-servers *string* - available in PHP as `$wgSMTPServers`

SMTP servers; separate multiple servers with semicolons

mail/smtp-username *string* - available in PHP as `$wgSMTPUser`

SMTP authentication username

mail/smtp-password *string* - available in PHP as `$wgSMTPPwd`

SMTP authentication password

page-subscription/email-format *string*

Used to set page change notification email format: (both|plaintext|html)

page-subscription/from-address *string*

Email address that page change notifications should be sent from

page-subscription/use-short-email-address *bool*

Use 'foo@bar.com' instead of the longer '"Foo Bar" <foo@bar.com>' email format

packageupdater/username *string*

Specify custom username to be used by package importer. By default, the package importer attempts to use the 'admin' or 'sysop' accounts. If neither account exists or does not correspond to an account with admin rights, then a custom username must be provided.

pages/max-diff-size (int)

Specify the maximum diff size to compute. If two documents being compared exceed this limit, there will be no summary of what has changed.

pages/max-page-size (integer)

Specify the maximum length of a document expressed in XML nodes. An element node counts for two (opening and closing occurrence), text nodes count for one.

pages/max-sitemap-size (integer)

Specify the maximum number of pages for being able to create a sitemap, if the limit is exceeded a HTTP Forbidden response is issued.

privacy/expose-user-email *boolean*

If enabled the email address of users is exposed via the API as well as deki script. Default behavior is to only expose email addresses to admins and if a user is looking up their own info.

script/globals (string)

When set, the specified template path is loaded using `require()` before each page execution and the exported values are made available as local variables.

script/site-users-limit *integer*

Maximum number of results returned by `site.users`. Subset is limited to most recently logged in users.

script/timeout *integer*

Maximum seconds deki script may take to render a page before being aborted.

search/rating-promote-boost *integer*

Maximum position boost that ratings can have on a search result item

search/rating-demote-boost *integer*

Maximum position demotion ratings can have on a search result item

search/rating-count-threshold *integer*

Number of votes at which rating boost is maximized

search/rating-rank-midpoint *double*

Ratings are a value between 0 and 1. The midpoint allows you to define at which fractional value a rating is considered positive rather than negative

search/search-popularity-boost *integer*

Maximum position boost that a search result item's selection popularity can have

search/search-popularity-threshold *integer*

Popularity (times item has been selected as the preferred result) at which maximum boost is attained

search/termquery

query template for term based queries. The {0} is replaced with the computed query to search several fields with different boosts. The default termquery is "content:{0} title:{0}^10 path.title:{0}^4 description:{0}^3 tag:{0}^2 comments:{0}"

```
content:{0} title:{0}^10 path.title:{0}^4 description:{0}^3 tag:{0}^2 comments:{0}
```

security/allow-anon-account-creation boolean

Whether or not new accounts can be self-created from the login page

security/cookie-expire-secs integer

Sets the authentication expiration time in seconds. Setting to 0 forces the authentication to be valid until the browser is closed.

security/new-account-role string

Default role for new accounts

security/allow-trusted-auth integer

Deprecated. It is now possible to login as any user, given the api key.

security/homepage-grant-role string

If this role name is provided, a grant is given to the user on their homepage when a user is created. This allows users having no rights given to them individually or through group memberships to still make changes to their homepage.

security/admin-user-for-impersonation string

The name of a user with admin rights. This is used for anonymous user and homepage creation as well as anywhere else that requires a temporary elevation of rights. By default, users 'sysop' or 'admin' are used.

security/authtokensalt string

A string to use for salting generated authtokens for added security. Setting or changing this will invalidate all users current authtokens forcing them to relogin

stats/page-hit-counter bool

Controls updates to each page's hit counter. Setting to false will reduce load on the DB by being able to more effectively use the query cache at the cost of the popular pages feature. (default: true)

stats/slow-page-render-alert double

Detect slow page renders and automatically emit them to the log file. The configuration value is the timelimit in seconds when to log.

stats/update-user-on-access (double)

Seconds between updating the user timestamp in the database.

storage/fs/cache-path string

Location for storing image previews on disk. Default is {deki-path}/attachments/.cache

storage/fs/path string

Location for storing file attachments on disk. Default is {deki-path}/attachments

storage/s3/bucket string

S3 bucket to use for storage (ensure this exists)

storage/s3/privatekey string

Secret access key for your S3 account

storage/s3/publickey string

Access key for your S3 account

storage/s3/prefix string

Directory within your bucket that contains all attachments. You can set this to the name of your wiki.

storage/s3/timeout integer

Timeout in seconds for S3 requests

storage/s3/fscache-path string

The path to the server's S3 attachment disk cache. Attachments are stored for GET requests to avoid network pipes from client to S3

storage/type string

File storage type: filesystem (fs) or Amazon S3 (s3)

ui/analytics-key string

Google Analytics account key for traffic logging

site/search-disabled string - available in PHP as \$wgDisableTextSearch

Disable site searching

ui/banned-words string, as comma separated list

Comma separated list of words not allowed in page content - these values will be automatically stripped out

ui/default-auth-service int, available in PHP as \$wgDefaultAuthServiceId

service_id of default authentication service (pre-selects the auth service when logging in)

ui/external-link-target string

link target for external links in content (default is "_blank")

ui/language string - available in PHP as \$wgLanguageCode

Language to use for the user interface of the wiki in the format *language-variant* (example: *en-us* for English or *de-de* for German)

ui/comment-count integer - available in PHP as \$wgCommentCount

The number of comments to show on first page. Setting to 0 will hide comments

ui/custom/css string - available in PHP as \$wgCustomCss

CSS styles that define the template's styles (not used for loading the editor)

ui/custom/bodycss string - available in PHP as \$wgCustomBodyCss

CSS styles that define the content's body styles (used for viewing & editing)

ui/dynamic-nav string - available in PHP as \$wgNavPaneEnabled

Enable dynamic behavior of navigation pane

ui/logo-uri string - available in PHP as \$wgLogo

Path to site logo

ui/nav-max-items integer

Max number of items to show in the navigation pane. The value 0 means show all items.

ui/nav-type string

Style of navigation pane. By default, the *compact* nav pane is displayed. As of 10.0 (Olympic), an admin can also choose to use the *expandable* nav pane. However, the latter is not yet officially supported. Possible values for this configuration key are: *compact* (default), *expandable*, or *none* (suppresses the nav pane in php).

ui/sitename string - available in PHP as \$wgSitename

Site title

ui/skin string - available in PHP as \$wgActiveSkin

Name of template skin to use

ui/template string - available in PHP as \$wgActiveTemplate

Name of template to use

ui/toc-max-heading int

Maximum heading depth to show in table of contents

ui/use-cdn string - available in PHP as \$wgUseCDN

Enabling will use **Yahoo!'s CDN** to speed up delivery of Javascript files - this may not work depending on your ability to access Yahoo!'s servers.

mindtouch.deki.startup.xml

```
<script>
  <!-- register Deki services -->
  <action verb="POST" path="/host/load?name=mindtouch.deki" />
  <action verb="POST" path="/host/load?name=mindtouch.deki.services" />
  <action verb="POST" path="/host/load?name=mindtouch.indexservice" />

  <!-- start Deki services -->
  <action verb="POST" path="/host/services">
    <config>

      <!-- Service startup -->
      <!-- deki: relative path for deki-api service. I.e., http://host/deki -->
      <!-- sid: the serviceid points to a class that represents the service for
startup-->
      <path>deki</path>
      <sid>http://services.mindtouch.com/deki/draft/2006/11/dekiwiki</sid>

      <!-- Global settings -->
      <!-- deki-path: full path to dekiwiki php (pointed to by web server) -->
      <!-- imagemagick-ignore-list: comma separated list of file extensions to
bypass image preview -->
      <!-- imagemagick-convert-path: full path to imagemagick convert (used to
generate image previews) -->
      <!-- imagemagick-identify-path: full path to imagemagick identify (used to
determine image dimensions) -->
      <!-- deki-resources-path: path to deki-wiki resources directory containing
txt files with localized strings.
      Resource files are searched in the order "resources.custom.txt" ->
"resources-[language]-[culture].txt" -> "resources-[language].txt" -> "resources.txt"
      where [language] and [culture] are standard two letter abbreviations such
```

as en-us -->

<!-- dblogging-conn-string: DB connection string for detailed logging of deki-api requests/responses. Comment out to disable this logging -->

<deki-path>/var/www/deki-hayes</deki-path>

<imagemagick-convert-path>/usr/bin/convert</imagemagick-convert-path>

<imagemagick-identify-path>/usr/bin/identify</imagemagick-identify-path>

<deki-resources-path>/var/www/mks-wiki/resources</deki-resources-path>

<!--

dblogging-conn-string>Server=localhost;Port=3306;Database=wikidb;Uid=wikiuser;Pwd=password;pool

Connection Timeout=5; Protocol=sockets; Min Pool Size=1; Max Pool Size=100; Connection

Reset=false;character set=utf8;ProcedureCacheSize=25;Use Procedure

Bodies=true;</dblogging-conn-string -->

<!-- number of seconds changes are accumulated before gathered into a notification email. Default is 10 minutes -->

<page-subscription>

<accumulation-time>600</accumulation-time>

</page-subscription>

<!-- optional Package Update service configuration -->

<packageupdater>

<!-- by default this is set to '{deki-path}/packages/default'

If \$1 is used in the path, it is replaced with the wiki @id' -->

<package-path>{absolute path to packages}</package-path>

</packageupdater>

<!-- Per instance and multi-instance settings -->

<wikis>

<config id="default">

<host>{canonical host name}</host>

<host>{alt host name 1}</host>

<host>{alt host name n}</host>

<!-- db-server: hostname/ip of database for this instance-->

<!-- db-port: db port (default 3306 for mysql)-->

<!-- db-catalog: catalog or database name for this instance -->

<!-- db-user: db account to use. Ensure full access to the catalog

and rights to exec stored procs.-->

<!-- db-password: password for db account-->

<!-- db-options: other connection string settings. Ensure db connection pooling is enabled and that the connection supports utf8 encoding-->

<db-server>dbhostname</db-server>

<db-port>3306</db-port>

<db-catalog>wikidb</db-catalog>

<db-user>wikiuser</db-user>

<db-password hidden="true">password</db-password>

<db-options>pooling=true; Connection Timeout=5; Protocol=socket;

Min Pool Size=2; Max Pool Size=50; Connection Reset=false;character

set=utf8;ProcedureCacheSize=25;Use Procedure Bodies=true;</db-options>

</config>

<!-- Add more <config> sections to enable multiple wikis to be hosted by one Deki service -->

<!--config id="foowiki">

<host>foo</host>

```

        <host>foowiki</host>
        <host>foowiki.hostname.com</host>

        <db-server>dbhostname</db-server>
        <db-port>3306</db-port>
        <db-catalog>foowiki</db-catalog>
        <db-user>foowikiuser</db-user>
        <db-password hidden="true">password</db-password>
        <db-options>pooling=true; Connection Timeout=5; Protocol=socket;
Min Pool Size=2; Max Pool Size=50; Connection Reset=false;character
set=utf8;ProcedureCacheSize=25;Use Procedure Bodies=true;</db-options>
    </config-->
</wikis>

<!-- Definition for indexing file types -->
<indexer>
    <filter-timeout>30</filter-timeout>
    <path.store>/usr/local/var/luceneindex/$1</path.store>
    <filter-path extension="doc">/opt/deki/bin/filters/wvText</filter-path>
    <filter-path extension="pdf">/opt/deki/bin/filters/
pdf2text</filter-path>
    <filter-path extension="xhtml">/opt/deki/bin/filters/
html2text</filter-path>
    <filter-path extension="html">/opt/deki/bin/filters/
html2text</filter-path>
    <filter-path extension="htm">/opt/deki/bin/filters/
html2text</filter-path>
    <filter-path extension="docx">/opt/deki/bin/filters/
docx2txt</filter-path>
    <filter-path extension="odt">/opt/deki/bin/filters/odt2txt</filter-path>
    <filter-path extension="odp">/opt/deki/bin/filters/odp2txt</filter-path>
    <filter-path extension="ppt">/opt/deki/bin/filters/ppt2txt</filter-path>
    <filter-path extension="pptx">/opt/deki/bin/filters/
pptx2txt</filter-path>
    <filter-path extension="xls">/opt/deki/bin/filters/xls2txt</filter-path>
    <filter-path extension="pl" />
    <filter-path extension="c" />
    <filter-path extension="h" />
    <filter-path extension="inc" />
    <filter-path extension="php" />
    <filter-path extension="cs" />
    <filter-path extension="txt" />
    <filter-path extension="csv" />
    <filter-path extension="xml" />
    <filter-path extension="xsl" />
    <filter-path extension="xslt" />
</indexer>

<!-- DekiScript settings -->
<scripting>

    <!-- Max. accepted response length for web.* functions (added in
9.08.1) -->
    <max-web-response-length>524288</max-web-response-length>

```

```
9.08.1) --> <!-- Min. period that items will be cached by web.* functions (added in
              <min-web-cache-ttl>300</min-web-cache-ttl>
            </scripting>
          </config>
        </action>
      </script>
```

Lucene Search Index Settings

filter-timeout

Maximum time in seconds that indexer waits for the filter process to convert a document to text

instance-ttl

Time in seconds that an idle indexer waits before shutting down

accumulation-time

Time in seconds a document is held, waiting for additional changes to the same document before being indexed

score-threshold

Minimum score a search result item must have to be returned by the compact search result feature

indexer-parallelism

Maximum parallel threads used to index documents

indexer-retry

Number of times to try indexing a document in case of failure

allow-leading-wildcard

Allows lucene queries to have leading wildcards for terms (*warning*: can be very slow)

filter-path

Path for filter program to use for @extension document

path.store

Path to the directory where the index should be stored. Must include \$1, which will be replaced by the search instance name

path.queue

Path to the directory where the processing queue should be stored. Must include \$1, which will be replaced by the search instance name. If omitted **path.store** with "-queue" appended is used.

namespace-whitelist

Comma separated list of namespaces to include in indexing

namespace-boost/namespace

Override per namespace index storage boost

sso/login-url

Override login page with custom SSO login. Must include \$1. [http://www.mysso.com?redirect=\\$1](http://www.mysso.com?redirect=$1) > \$1 will be replaced with the page that you are trying to access

sso/logout-url

Override logout page with custom SSO. Can include \$1. [http://www.mysso.com?redirect=\\$1](http://www.mysso.com?redirect=$1) > \$1 will be replaced with the MindTouch homepage.

