



Installing on Debian

Overview

Installing MindTouch on Debian using the pre-configured package

Goal

After completing this tutorial you will have a MindTouch installation running natively on Debian Etch or Lenny

System Requirements (Click to Expand) ▾

Add the MindTouch repository

The following commands should be run as "root" (or as a user with root privileges)

Edit the `/etc/apt/sources.list` file to add the following line :

Debian Lenny:

```
deb http://repo.mindtouch.com/ Debian_5.0/
```

Also in that file, you'll need to find the following lines:

```
deb http://ftp.debian.org/debian/ lenny main
deb-src http://ftp.debian.org/debian/ lenny main
```

and edit them to look like this:

```
deb http://ftp.debian.org/debian/ lenny main non-free contrib
deb-src http://ftp.debian.org/debian/ lenny main non-free contrib
```

1. Overview
2. Goal
 - 2.1. System Requirements (Click to Expand)
 - 2.1.1. Hardware Minimum Requirements
 - 2.1.2. Required Software Dependencies
 - 2.1.2.1. Windows
 - 2.1.2.2. Linux
 - 2.1.3. Browser Support
 - 2.1.4. Known Incompatibilities
 - 2.2. Add the MindTouch repository
 - 2.3. Install Dependencies
 - 2.4. Install/Upgrade Mono (Click to Expand)
 - 2.5. Install PrinceXML
 - 2.5.1. 32 bit install
 - 2.5.2. 64 bit install
 - 2.6. Install MindTouch
 - 2.7. Configure the Apache Virtual Host
 - 2.8. Web Installer
3. Related

Type the following command to update your package indexes:

```
apt-get update
```

Install Dependencies

To enable full functionality in MindTouch, install dependencies by entering the following commands:

```
apt-get install html2text poppler-utils msttcorefonts cabextract mysql-server
```

Install/Upgrade Mono (Click to Expand) ▾

Install PrinceXML

To enable HTML-to-PDF printing, the static library version of PrinceXML must be installed by entering the following commands:

32 bit install

```
wget http://www.princexml.com/download/prince-8.0-linux-static.tar.gz
tar -xzvf prince-8.0-linux-static.tar.gz
cd prince-8.0-linux-static
sudo ./install.sh
```

64 bit install

```
wget http://www.princexml.com/download/prince-8.0-linux-amd64-static.tar.gz
tar -xzvf prince-8.0-linux-amd64-static.tar.gz
cd prince-8.0-linux-amd64-static
sudo ./install.sh
```

Hit Enter when asked for the install directory location

Install MindTouch

Install **MindTouch** using the following command :

```
apt-get install mindtouch
```

Note: Installation of some dependencies may require interaction. Answer "yes" to all authentication/verification questions including that the package cannot be authenticated.

Configure the Apache Virtual Host

After the install has finished, edit `/etc/apache2/sites-available/dekiwiki` and change the **ServerName** to match the hostname that you will be entering into the web browser to arrive at your wiki. This will allow the Apache virtual host to direct traffic to MindTouch.

Enter the following command to enable MindTouch in Apache and disable the initial default site:

```
a2ensite dekiwiki
a2dissite default
```

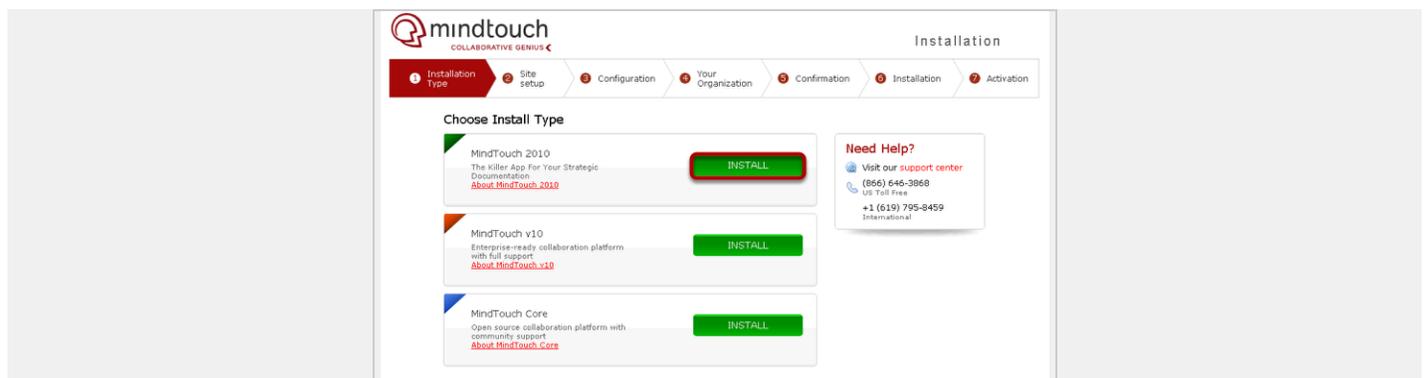
Once that has been done, enter the following line to reload Apache:

```
/etc/init.d/apache2 reload
```

Go to `http://your_server/config/index.php` to complete the configuration.

Web Installer

When you load the IP address for the MindTouch install it will present you with the following web installer where you can click **INSTALL** next to the MindTouch product you want to install. In this documentation we will be selecting the MindTouch 2010 installation.



Clicking **INSTALL** next to MindTouch 2010 will then present you with the following screen where you need to fill out the highlighted fields. Once you have filled out the form then click **NEXT** at the bottom of the screen.

mindtouch
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Installation

1 Installation Type 2 **Site Setup** 3 Configuration 4 Your Organization 5 Confirmation 6 Installation 7 Activation

Site Setup

Site Info

Site/Company name
 Site Name

Enter your company or project name here. Your teammates will see this when you invite them to join.

Admin e-mail
 Install@mindtouch.com

This email address will receive updates on product and code releases.

Site Localization
 English - United States

Admin Info

First Name
 MindTouch

Last Name

Team

Phone
 619-795-8459

Admin password

Confirm password

back

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 US Toll Free
 +1 (619) 795-8459
 International

You will now see the configuration screen where you will need to specify the database settings along with the location of specific programs on the server. Once you have confirmed/changed then click **NEXT**

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Installation

1 Installation Type 2 Site Setup 3 **Configuration** 4 Your Organization 5 Confirmation 6 Installation 7 Activation

Configuration

Database Configuration

Database host
 localhost

If your database server isn't on your web server, enter the name or IP address here.

Database name
 wikidb

The database must not exist.

Database user
 wikuser

If the database user already exists, the password will be reset.

Existing MySQL credentials

In order to install, MindTouch requires a MySQL user who can create database, stored procedures, and MySQL users. Usually this user is root. These credentials will not be stored - they will only be used during installation.

Superuser name
 root

Superuser password

Advanced Configuration

mono
 /usr/bin/mono

The path to the mono binary

ImageMagick convert
 /usr/bin/convert

The path to the ImageMagick convert binary

ImageMagick identify
 /usr/bin/identify

The path to the ImageMagick identify binary

prince
 /usr/bin/local/prince

The path to the prince binary

back

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You will now see the following page where you can fill out details about your install as follows. Once you have made the appropriate selections please select **NEXT** to proceed.

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Installation

1 Installation Type 2 Site setup 3 Configuration 4 **Your Organization** 5 Confirmation 6 Installation 7 Activation

Your Organization

Tell us a little about you.

Number of people in your organization
0 - 25

Department
Engineering

How do you plan on using MindTouch? (check all that apply)

- Enterprise wiki
- Mashups
- Extranet
- Community site
- Project management
- Systems integration
- Dashboards
- Reporting system
- Collaboration
- Intranet
- Knowledge base / documentation
- Document management system
- Portal solution
- Sharepoint replacement
- Development platform
- Other

back NEXT

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This will then present you with an overview of your configuration. If anything needs to be changed you can click Edit next to the section. Otherwise continue by clicking **INSTALL MINDTOUCH**.

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Installation

1 Installation Type 2 Site setup 3 Configuration 4 Your Organization 5 **Confirmation** 6 Installation 7 Activation

Confirm Setup

Install Type Edit

MindTouch 2010
The Killer App For Your Strategic Documentation
[About MindTouch 2010](#)

Site Info Edit

Site/Company name

Admin e-mail

Site localization

Admin Info Edit

First Name

Last Name

Phone

Admin username

Database Configuration Edit

Database host

Database name

Database user

Existing MySQL credentials Edit

Superuser name

Superuser password

Advanced Configuration Edit

Mono

ImageMagick convert

ImageMagick identify

Prince

back **INSTALL MINDTOUCH**

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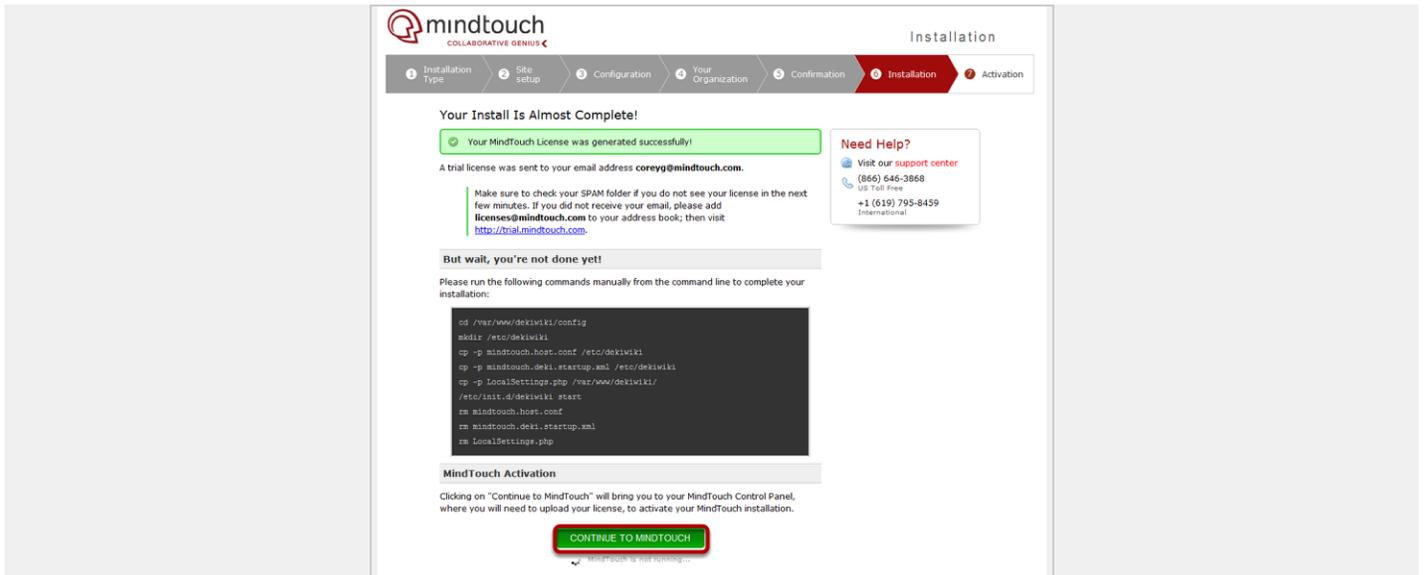
(866) 646-3868
US Toll Free

+1 (619) 795-8459
International

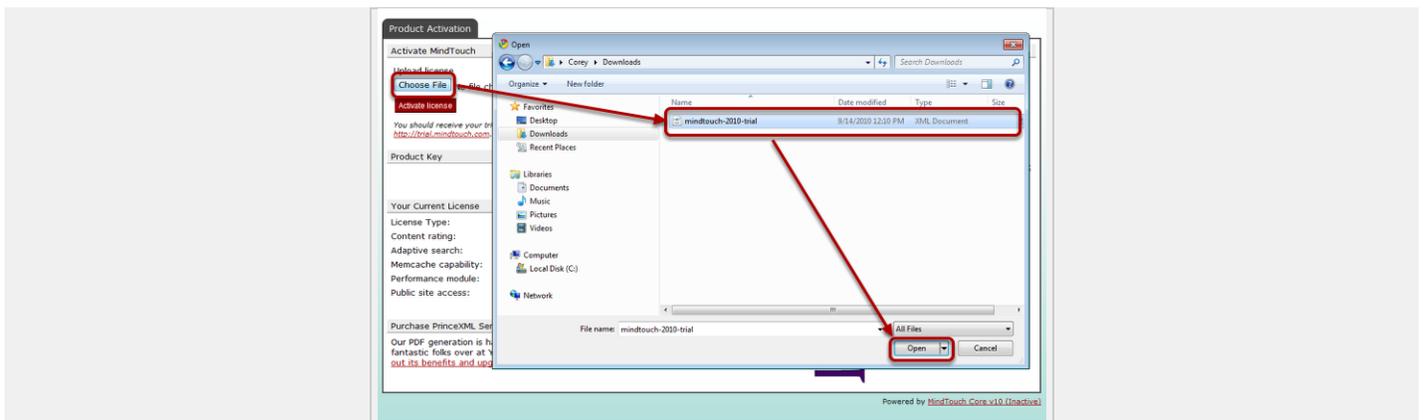
Once you click install you will not be able to cancel the installation process. Be sure to double check the information above for accuracy before proceeding.

This will then take you to the following page which confirms that a license has been sent to you in an email. When you receive the email, save the .xml file that is attached to a location on your computer that you can easily access for the

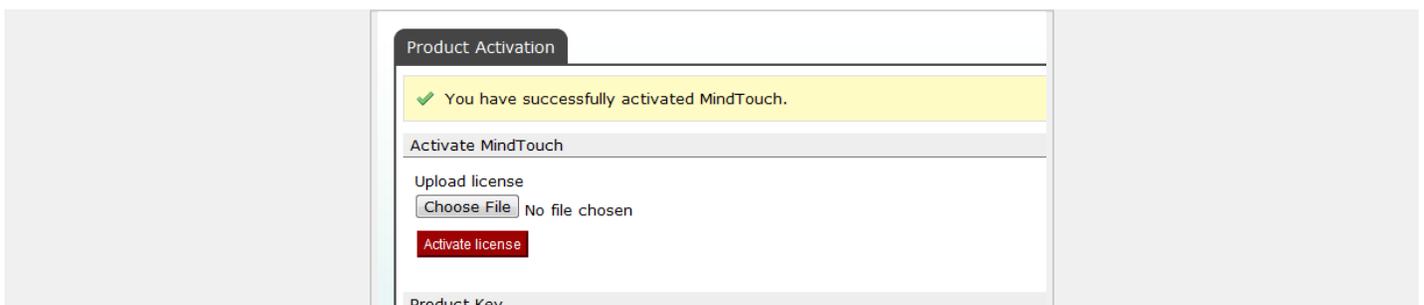
next step. Run the commands listed in the black box in the server console. Then click **CONTINUE TO MINDTOUCH** to then apply your license to your installation.



This will then bring you to your Product Activation page in the Control panel where you will select **Choose File** to upload the xml license file that was emailed you.



Then click **Activate License** which will then show you the following screen:



You have now successfully installed MindTouch. Continue with our [Setup and Configuration](#) guide to get your MindTouch install ready for production.

What's Next

If you encounter issues with MindTouch not starting confirm the version of Mono by running `mono --version`. If it doesn't say 2.4.3, run the following:

```
mv mono mono.old
mv gmcs gmcs.old
ln -s /opt/mono-2.4/bin/mono /usr/bin/mono
ln -s /opt/mono-2.4/bin/gmcs /usr/bin/gmcs
```

Related

Tutorials

- [Debian folder structure for MindTouch](#) (Intermediate)
- [Installing/Upgrading Mono on Debian](#) (Intermediate)

Other

- [Assign Static IP to Debian Installation](#)
- [Installing on Debian 6 \(Squeeze\)](#)

