

# How do I change the daisyrepository database to UTF-8?

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## NOTE

For newer Daisy versions (1.5, 2.0, ...) the installation instructions create databases using the UTF-8 character set by default. The following information is mainly for people how have been using Daisy since older releases.

## Overview

Two steps are involved:

1. Changing the MySQL database to UTF-8
2. Daisy configuration change: adding a parameter to the database connection URL

## Changing the MySQL database to UTF-8

Foremost, see the MySQL documentation for best advice.

Here is one way to do it.

First make a dump of the `daisyrepository` database:

```
mysqldump -uroot daisyrepository > mysqldump.sql
```

Now open `mysqldump.sql` file in a texteditor (using utf8 encoding -- at least if you're using MySQL > 4.1.2, which you should), and do a search and replace of:

```
CHARSET=what-it-is-now
```

to

```
CHARSET=utf8
```

Next go into the `mysql` tool:

```
mysql -uroot
```

and execute:

```
drop database daisyrepository;  
create database daisyrepository CHARACTER SET 'utf8';  
exit
```

and then reload the dump:

```
mysql -uroot -Ddaisyrepository < mysqldump.sql
```

## Changing Daisy config

Open the `myconfig.xml` file in a text editor:

```
<daisyrepopdata dir>/conf/myconfig.xml
```

Look for a line that looks like:

```
<url>jdbc:mysql://localhost/daisyrepository</url>
```

If you're using **MySQL 5**, change the connection URL to:

```
<url>jdbc:mysql://localhost/daisyrepository?characterEncoding=UTF-8</url>
```

If you're using **MySQL 4.1**, change it to:

```
<url>jdbc:mysql://localhost/daisyrepository?  
useServerPrepStmts=false&characterEncoding=UTF-8</url>
```

## Fields

Name	Value
KnowledgeBaseCategory	Installation and update
AppliesFromDaisyVersion	any
AppliesToDaisyVersion	any