
KNOWLEDGE BASE ARTICLE

Deploying Mahara Unit

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DOCUMENT

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GLServer deployment and configuration

- Deploy Mahara Unit
- Prepare the Mahara database
- Complete the unit configuration
- Start the unit
- Perform the installation

Deploy Mahara Unit

Using the GLServer command line utility

```
gl --deploy glitch-mahara
```

Prepare the Mahara Database

The Mahara platform necessitates the utilisation of either a PostgreSQL or MySQL database. One option to satisfy this requirement is to create a new database on an existing database server. An alternative solution would be to deploy the Glitch-MariaDB instance.

Please take into consideration that it may be necessary to refine access controls based on your specific circumstances. For more information on this topic, please refer to the MySQL documentation located at <https://dev.mysql.com/doc/>.

The procedure for creating a database and assigning user permissions may differ with your version of mysql / mariadb please see

https://docs.oracle.com/en/industries/communications/cloud-native-core/2.2.0/cnc_install/create-mysql-database-and-user.html for more information.

```
mysql>CREATE database mahara;
mysql>CREATE USER 'myuser'@'myhostserver' IDENTIFIED WITH mysql_native_password BY
'mypassword';
mysql>GRANT ALL PRIVILEGES ON *.* TO 'myuser'@'myhostserver' WITH GRANT OPTION;
mysql>FLUSH PRIVILEGES;
```

Edit the following file, adding the database details

```
vi /var/glitch-units/glitch-mahara/data/var/www/html/config.php
```

```
$cfg->dbtype = 'mysql';
$cfg->dbhost = 'mysqlserver';
$cfg->dbport = null; // Change if you are using a non-standard port number for your
database
$cfg->dbname = 'mahara';
$cfg->dbuser = 'myuser';
$cfg->dbpass = 'mypassword';
```

Complete the unit configuration

Edit the following files to meet your requirements

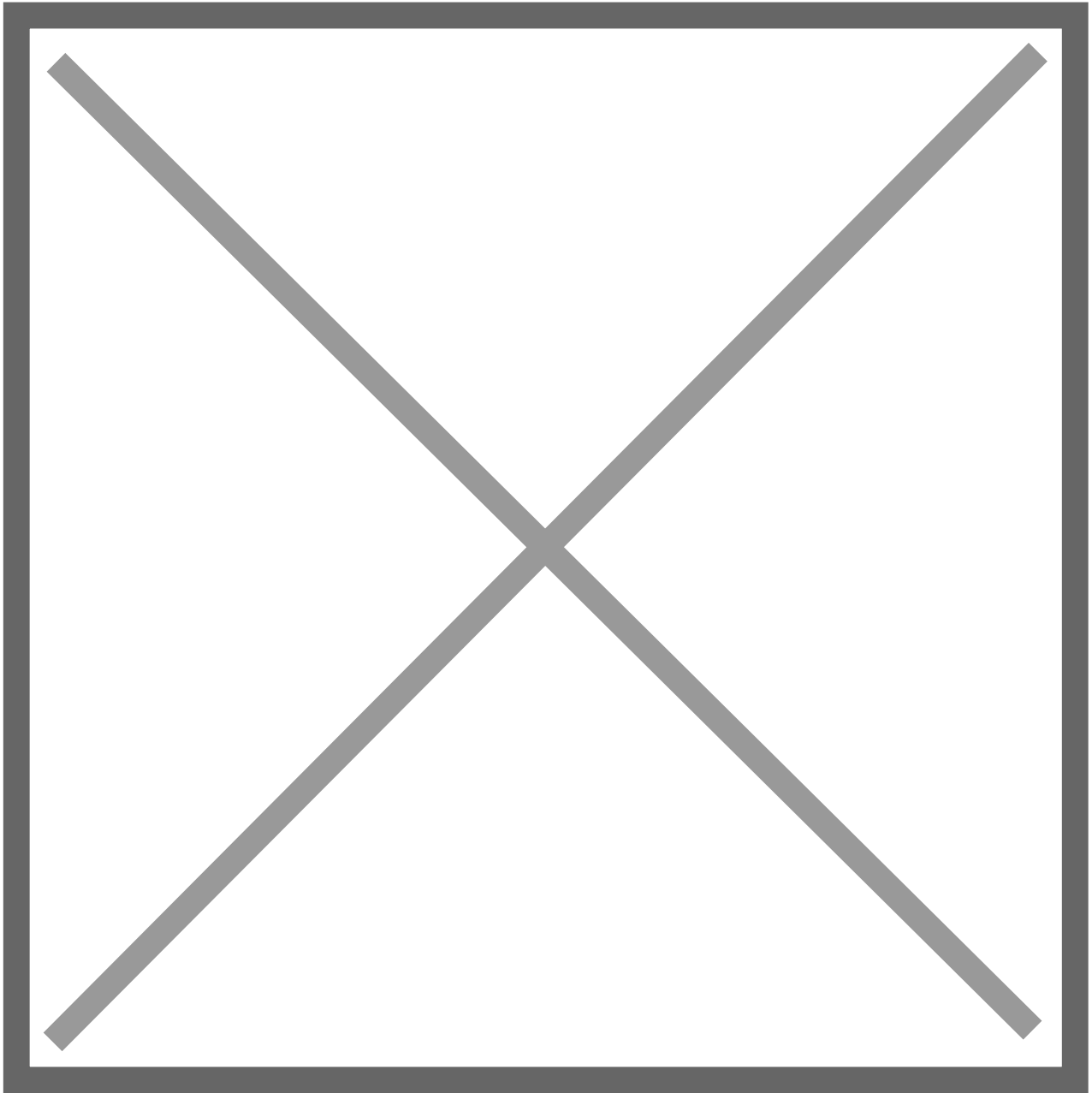
```
/var/glitch-units/glitch-mahara/glitch/config/enviroment
/var/glitch-units/glitch-mahara/glitch/config/ports
/var/glitch-units/glitch-mahara/glitch/config/unit.conf
```

Start the unit

```
gl -s glitch-mahara
```

Perform the installation

Using your web browser visit the site



Click "**Install Mahara**"

Mahara Loading ... Login

Performing installation...

COMPONENT OR PLUGIN	FROM VERSION	TO VERSION	INFORMATION
core	Not installed	22.10.0	⚙️
firstcoredata			
localpreinst			
artefact.plans	Not installed	0.9.2	
artefact.comment	Not installed	1.0.1	
artefact.resume	Not installed	1.0.4	
artefact.internal	Not installed	1.3.2	
artefact.annotation	Not installed	1.0.0	
artefact.blog	Not installed	1.2.0	
artefact.peerassessment	Not installed	1.0.0	
artefact.file	Not installed	1.4.0	
auth.webservice	Not installed	2.0.7	
auth.xmlrpc	Not installed	1.0.0	
auth.none	Not installed	1.0.0	
auth.imap	Not installed	1.2.0	

Once the installation is complete click "**continue**"

localpostinst

Successfully installed Mahara. [Continue](#)

Enter a new admin password and admin email address and click "**submit**"

