



mdTransit Application Server (forge, mod_forge)

Installation Document

STEP 1 OF 5

Overview

This document provides the necessary prerequisites and procedures for the Application Server installation which includes the forge and mod_forge applications.

Note: These instructions comprise the first step in a series of steps required for the first complete install of mdTransit on an enterprise site.

Before You Begin

Installation Prerequisites

- The Database installation and setup must be completed prior to installing the Application Server.
- ImageMagick **MUST** be installed prior to installing the Application Server.
- Verify that your machine adheres to all system requirements.
- You must have root level permissions.
- The following libraries and files must be installed prior to installing Forge:
 - Perl 5 or later
 - ImageMagick 6 or later
 - Apache 2.0.5 or later
 - Oracle 9i Client libraries

Information You Will Need

You will need to know the following information before you begin the installation. Some of this information may be obtained from your Database or System Administrator:

- The .tar file given to you by Morris DigitalWorks (*Forge_Installer.tar.gz*).
This file can also be downloaded from
http://downloads.morrisdigitalworks.com/forge/Forge_Installer.tar.gz This site is password protected, so you will need an MDW password and username.
- The path for your Oracle_Home.
- The path for your Apache installation.
- Your Database instance name.
- Installation path for ImageMagick.
- The Username and Password that forge will use to connect to the database. These are only necessary if your Database Administrator changed the default Username and Password during the Database installation. If no changes were made, the default Username and Password will be automatically used by the install script.

Installing the Application Server

1. Log into the location/machine where you are performing the installation.
2. Unzip the *Forge_Installer.tar.gz* file to the /tmp directory of the destination host.
3. Run the following file, *install_forge.sh*, by entering the following commands:

```
Commands:  
cd/tmp  
mkdir forge  
mv Forge_Installer.tar.gz forge  
cd forge  
gunzip Forge_Installer.tar.gz
```

```
tar xf Forge_Installer.tar
install_forge.sh
```

4. Enter the path for your Apache installation.
5. Enter the path where your forge bundles will be installed. [usually under /opt].
6. Enter the path where ImageMagick is installed.
7. Enter the License Key provided to you by MDW.
8. Enter the path for your Oracle_Home.
9. Enter the Database instance name.
10. Enter the Username that forge will use to connect to the database.
11. Enter the password that forge will use to connect to the database.
Note: The username and password will be the defaults listed in the script, unless they were changed during the database installation. If they were changed, contact your Database Administrator for the Username and Password.
12. Begin making any desired modifications to the *mod_forge.cfg* file. The forge installation is now complete.

Testing the Install

1. Open Template Manager and expand the TestProperty.
2. Expand the MDWDeploymentConfirmation folder and place the test templates in the same location as the *forge_install_test.pl*.
3. Run the *forge_install.pl* script and enter the items listed below.
 - Enter the URL for the cart to be tested.
 - Enter the TP of the *mod_forge* test template (in this case TestProperty).
 - Enter the TempType of the *mod_forge* test template.
 - Enter the TL of the *mod_forge* test template.
 - Enter the category of the *mod_forge* test template.
 - Enter the path to run forge [/opt/MDW/bin/forge].
 - Enter the TP of the command line forge test template (in this case TestProperty).

Note: The test script will output two files: A log file (*mod_forge_install.log*) and a n error log (*mod_forge_install.err*).

Next Steps

Install the DDS Loader and Parser.