

Z-set installation and licensing guide

version 8.6

support@zset-software.com

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1 Z-set installation

- Extract the Z-set archive file (eg. `z86_Linux_64.tar.gz` or `z86_win64.zip` depending on the platform) in folder `MyPath` (eg. `usr/local/` for example),
- This will create a `MyPath/Z8.6/` folder containing the Z-set distribution.
- Set the following environment variables and source the environment scripts.

Depending on the architecture :

- UNIX sh or bash shells :

```
$ export Z7PATH=MyPath/Z8.6  
$ . $Z7PATH/lib/Z7_profile
```

(these commands may be added in the configuration `.profile` or `.bashrc` file of users)
- UNIX csh or tcsh shells :

```
$ setenv Z7PATH MyPath/Z8.6  
$ source $Z7PATH/lib/Z7_cshrc
```

(these commands may be added in the configuration `.cshrc` file of users)
- Windows 64

```
set Z7PATH=MyPath\Z8.6  
set PATH=%PATH%;%Z7PATH%\win64
```

(these variables may be set by the "System" menu)

2 Z-set licensing

- Send the result of the following command to `support@zset-software.com` :
`$ Zserver -id`
- After sending us the request file, we will send you a license key (`mylic.zlic` file) which is required to finalise the installation.
- For Z-set to register the license, one of the following methods may be used :
 - Standard path : copy the license file to the `$Z7PATH/lib/` folder.
 - User path : set the `Z7LICENSE` environment variable to the complete path of the `mylic.zlic` file.
- License server launching. Once the Z-set environment is updated (and the Z-set commands are in the `PATH`), the license server may be launched by the following commands :
 - UNIX :
`$ Zserver &`
 - Windows service :
`$ Z-setup_service`

3 DISTENE remeshing tools licensing

The DISTENE software (`yams`, `ghs3d`, `meshadapt`) are interfaced to Z-set but a separate license is needed to have access to them. Note that the DLIM license server currently may only be installed on an UNIX system.

- DISTENE binaries are located in the following folders :
 - UNIX : `$Z7PATH/PUBLIC/lib-XXX/Zmesh/` folder
 - Windows : `%Z7PATH%\win32\Zmesh\` folder
- To request license keys please send the result of the following command to `support@zset-software.com` :
 - UNIX :
`$Z7PATH/PUBLIC/lib-XXX/Zmesh/scripts/build_distene_request.csh`
 - Windows :
`%Z7PATH%\win32\Zmesh\DISTENE\DLim\license8\machines\win64\dlim8_get_info`
- You will receive a `dlim.zip` archive with the following files :
 - `dlim8.keys` : license server keys
 - `dlim8.var.bat` : client environment for windows
 - `dlim8.var.sh` : client environment for UNIX sh shells
 - `dlim8.var.csh` : client environment for UNIX csh shells
- DLIM server launching (UNIX only)

```
$ cp dlim8.keys $Z7PATH/PUBLIC/lib_XXX/Zmesh/scripts
$ cd $Z7PATH/PUBLIC/lib_XXX/Zmesh/scripts
$ ./distene.sh start
```
- Setting the environment for the client side :
 - UNIX : source the `dlim8.var.sh` or `dlim8.var.csh` script
 - Windows : copy the `dlim8.var.bat` file to the following location :
`$ COPY dlim8.var.bat %Z7PATH%\win32\Zmesh\DISTENE\Tools\bin\`