

Mrepo Quick Guide

With mrepo you can build a local APT/YUM RPM repository from local ISO files, downloaded updates, and extra packages from 3rd party repositories. It takes care of setting up the ISO files, downloading the RPMs, configuring HTTP access and providing PXE/TFTP resources for remote network installations.

Mrepo is the successor of YAM.

References

- * mrepo-0.8.7-1.el5.rf
- * createrepo-0.4.11-3.el5
- * Mrepo home page

Installation

With APT:

```
apt-get update
apt-get install mrepo
```

With YUM:

```
yum install mrepo
```

General settings

File: "/etc/mrepo.conf"

This file contains the general settings for mrepo.

```
###
### Configuration file for mrepo
###

[main]
srcdir    = /var/rep
wwwdir    = /var/www/html/rep
confdir   = /etc/mrepo.conf.d
arch      = i386
metadata  = apt repomd
```

Web server settings

File: "/etc/httpd/conf.d/mrepo.conf"

This file contains web server settings for the published directory.

Repositories settings

Files: "/etc/mrepo.conf.d/*.conf"

These files contain all repositories configurations. You should split your repositories configuration in more files.

Usage

```
# mrepo -h
usage: mrepo [options] dist1 [dist2-arch ..]
```

Set up a distribution server from ISO files

mrepo options:

-c, --config=file	specify alternative configfile
-f, --force	force repository generation
-g, --generate	generate mrepo repositories
-n, --dry-run	show what would have been done
-q, --quiet	minimal output
-r, --repo=repo1,repo2	restrict action to specific repositories
--remount	remount distribution ISOs
-u, --update	fetch OS updates
-v, --verbose	increase verbosity
-vv, -vvv, -vvvv..	increase verbosity more
--unmount	unmount distribution ISOs

Generate and update mirrors:

```
mrepo -guv
```

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