

MedeA Installation Manual

[Linux version]

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- Medea SW는 일반 계정에서 설치 되어야함. (medea 를 위한 계정 생성 추천)
- Root 터미널 창에서 visudo 입력 후 엔터

```
root@master:~  
[root@master ~]# visudo  
  
## The COMMANDS section may have other options  
##  
## Allow root to run any commands anywhere  
root    ALL=(ALL)        ALL  
medea   ALL=(ALL)        ALL  
  
## Allows members of the 'sys' group to run network  
## service management apps and more.  
# %sys ALL = NETWORKING, SOFTWARE, SERVICES, STORAGE,  
ATE, DRIVERS
```

- 위와 같이 root 하단에 Medea를 설치하고자 하는 계정 명 입력
- Ex) medea ALL=(ALL) ALL

필수

- **/media/medea/** 위치로 ISO 마운트
- **Mount -o loop** 명령어를 이용하여 파일 마운트
- Ex) **mount -o loop MedeA 3. 2.0 /media/medea/**

```
[medea@master dd]$ mount -o loop MedeA_3.2.0.iso /media/medea/
```

```
dev/mapper/vg_master-lv_root
51475068 5038140 43815488 11% /
mpfs 20565232 8196 20557036 1% /dev/shm
dev/sda3 487652 70121 391931 16% /boot
dev/mapper/vg_master-lv_home
19870188 13958224 4895952 75% /home
dev/sdb1 961301000 82809844 829653156 10% /home/medea/dd
home/medea/dd/MedeA_3.2.0.iso
5993854 5993854 0 100% /media/medea
```

MedeA 설치파일 실행

- 일반계정 터미널로 이동
- 마운트된 /media/medea 디렉터리 이동
- /Linux-x86_64/MDMaintenance 실행
- ./MDMaintenance.x

```
[medea@master medea]$ ll
total 1256
-rw-rw-r-- 1 1000 1000      0 Dec  7 18:26 Autorun.inf
drwxr-xr-x 5 1000 1000   2048 Dec  4 22:27 bin
-rw-rw-r-- 1 1000 1000 618196 Dec  7 18:28 Contents.xml
drwxrwxr-x 2 1000 1000   2048 Dec  4 22:26 data
drwxrwxr-x 2 1000 1000   2048 Sep 28 2017 Databases
drwxrwxr-x 3 1000 1000   2048 Dec  4 22:27 Documentation
drwxr-xr-x 2 1000 1000   2048 Dec  4 22:28 Extras
drwxrwxr-x 2 1000 1000   2048 Dec  4 22:26 JobServer
drwxr-xr-x 3 1000 1000   2048 Dec  7 17:44 Linux-x86_64
-rwxr-xr-x 1 1000 1000  10134 Jan  5 2015 md.ico
-rwxrwxr-x 1 1000 1000  14886 Dec  7 17:44 Package.info
-rw-rw-r-- 1 1000 1000 617012 Dec  7 18:27 PackingList.xml
drwxrwxr-x 6 1000 1000   2048 Dec  4 22:26 Structures
drwxr-xr-x 3 1000 1000   2048 Dec  4 22:26 TaskServer
drwxr-xr-x 2 1000 1000   4096 Dec  4 22:29 TestJobs
drwxr-xr-x 3 1000 1000   2048 Dec  7 17:44 Windows-x86_64
[medea@master medea]$
```

```
[medea@master Linux-x86_64]$ ll
total 4390
drwxr-xr-x 5 1000 1000   2048 Dec  4 22:27 IntelMPI5
-rwxr-xr-x 1 1000 1000 4492383 Dec  7 17:44 MDMaintenance.x
```

4. MedeA 기본설치



- Install MedeA software 선택 후 Start



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Materials Design Installer v3.2.2

- ◆ Standard installation, which will install everything
- ◇ Custom installation, where you choose what and where to install

The following will be installed:

MedeA	437.32 MB
JobServer	332.77 MB
TaskServer	2.71 GB
Databases	7.21 GB
Total:	10.67 GB

Next

Cancel



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Installation in progress

Installing Medea



Overall




Show details

Paste.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Redo.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Save.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Settings.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Undo.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Zoom In.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Zoom Off.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Zoom Out.png	installed in /home/medea/MD/bin/Linux-x86_64/QT/Icons
Medea-QT	installed in /home/medea/MD/bin/Linux-x86_64/QT
Medea-QT.sh	installed in /home/medea/MD/bin/Linux-x86_64/QT
/home/medea/MD/bin/Linux-x86_64/QT/platforms created	
libqxcb.so	installed in /home/medea/MD/bin/Linux-x86_64/QT/platforms
/home/medea/MD/bin/Linux-x86_64/QT/so created	
libQt5Core.so.5	installed in /home/medea/MD/bin/Linux-x86_64/QT/so
libQt5DBus.so.5	installed in /home/medea/MD/bin/Linux-x86_64/QT/so
libQt5Gui.so.5	installed in /home/medea/MD/bin/Linux-x86_64/QT/so
libQt5Sql.so.5	installed in /home/medea/MD/bin/Linux-x86_64/QT/so

활성화 후 클릭

Next

Cancel



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Installation in progress

You can setup JobServer and TaskServer services now (recommanded) or later with the MD Maintenance tool

Admin rights

You do not have admin rights, a sudo password is required in order to install, remove, start or stop services

Sudo password:

Correct sudo password

Standard services

Create and control standard JobServer and TaskServer services on this machine as user kwenc and group kwenc

JobServer	(not installed)	<input type="button" value="Create service"/>	<input type="button" value="Start service"/>	<input type="button" value="Stop service"/>
TaskServer	(not installed)	<input type="button" value="Create service"/>	<input type="button" value="Start service"/>	<input type="button" value="Stop service"/>

Extra services

Create and control additional TaskServer services on this machine

Name	status
<input type="text"/>	<input type="button" value="Create service"/>

현 계정의 password 입력 후 check 버튼 클릭
이전에 visudo 작업을 하지 않으면 OK 버튼 진행 안됨



실행 상태



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Materials Design Software Manager v3.2.1

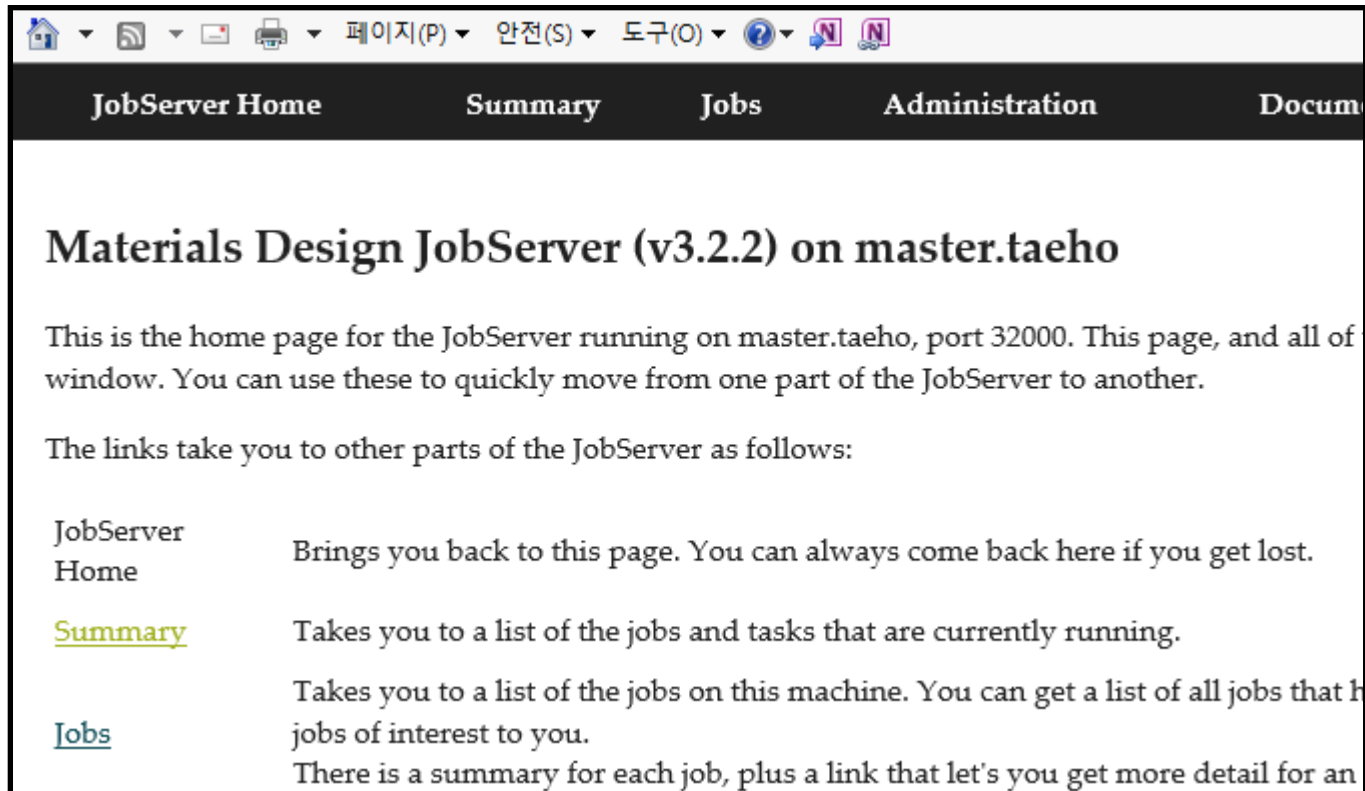
- ◆ Update an existing MedeA installation
- ◇ Install MedeA software
- ◇ Prepare for Installation
- ◇ Install in Applications Menu

Start

Quit

설치 완료

- 웹창에서 `http://localhost:32000` 입력
- 서버 활성화 확인



- 웹창에서 http://localhost:23000 입력
- 서버 활성화 확인



Materials Design TaskServer on master.taeho

This is the home page for the TaskServer running on master.taeho, port 23000. It has the same navigation bars at the top and bottom of the window. You can use these links to navigate to other parts of the TaskServer.

The links take you to other parts of the TaskServer as follows:

[TaskServer Home](#)

Brings you back to this page. You can always come back here

[Tasks](#)

Provides information on the tasks currently running. You can delete a task when it completes, so if you get an error about "file completed".

- 설치 완료 후 /MD/Linux-x86_64/ 이동
- Medea 실행 (Medea 구동)

```
[medea@master ~]$ cd /home/medea/MD/Linux-x86_64/
[medea@master Linux-x86_64]$ ll
total 4396
drwxr-xr-x 5 medea medea    4096 Jul 14 00:22 IntelMPI5
-rwxr-xr-x 1 medea medea 4492383 Dec 21 19:40 MDMaintenance.x
-rwxr-xr-x 2 medea medea    595 Jul  8 2020 Medea
[medea@master Linux-x86_64]$ ./Medea
```

- 실행 시 발생하는 정보창의 텍스트 형태로 복사
- 메일 송부
- 해당 라이선스 정보에 맞는 라이선스 발급

