

새로운 프로젝트 등록방법

디렉토리 구성이 아래와 같다고 가정했을때,



새로운 프로젝트 등록방법

아래와 같이 new_project 를 app 디렉토리 밑에 등록하려고 한다.



새로운 프로젝트 등록방법

첫번째 해야할 일. "디렉토리를 생성하자"

```
poplinux@dev16  project $ cd app
poplinux@dev16  app $ mkdir new_project
poplinux@dev16  app $ ls
Makefile      new_project  example
```

새로운 프로젝트 등록방법

두번째 해야할 일. "빌드용 파일을 복사하자(MAKEFILE, allMake.sh, allClean.sh)"

```
poplinux@dev16  app $ cd new_project
poplinux@dev16  new_project $ cp ../example/MAKEFILE ./
poplinux@dev16  new_project $ cp ../example/allMake.sh ./
poplinux@dev16  new_project $ cp ../example/allClean.sh ./
poplinux@dev16  new_project $ ls
MAKEFILE      allMake.sh    allClean.sh
```

새로운 프로젝트 등록방법

세번째 해야할 일. "새로운 프로젝트를 위한 Makefile 생성"

```
.SILENT:
```

```
OBJS=new_project
```

```
all:$(OBJS)
```

```
%.o:%.c
```

```
$(CC) $(CFLAGS) $(LDFLAGS) -o $@ $<
```

```
clean:
```

```
rm -rf $(OBJS) *.o
```

```
distclean:
```

```
make clean
```

새로운 프로젝트 등록방법

네번째 해야할 일. "샘플 소스를 만들자"

```
#include <stdio.h>

int main(int argc, char *argv[])
{
    printf("new_project\n");
    return 0;
}
```

새로운 프로젝트 등록방법

다섯번째 해야할 일. "부모 디렉토리(app) 의 Makefile 에 new_project 를 추가하자"

```
.SILENT:
```

```
all:
```

```
    make -C example -f MAKEFILE all
```

```
    make -C new_project -f MAKEFILE all
```

```
install:
```

```
    mkdir -p output
```

```
    make -C example -f MAKEFILE install
```

```
    make -C new_project -f MAKEFILE install
```

```
clean:
```

```
    make -C example -f MAKEFILE clean
```

```
    make -C new_project -f MAKEFILE clean
```

```
distclean:
```

```
    make clean
```

```
    rm -rf output
```

프로젝트 등록 완료

부록 - MAKEFILE

Example of MAKEFILE

```
.SILENT:
```

```
all:
```

```
    ./allMake.sh all
```

```
install:
```

```
    ./allMake.sh install
```

```
clean:
```

```
    ./allClean.sh clean
```

```
distclean:
```

```
    ./allClean.sh distclean
```

부록 – allMake.sh

Example of allMake.sh

```
#!/bin/sh

if [ -z $BASE_DIR ]; then
    echo $BASE_DIR
    echo "You must run ₩"source WOOK_ROOT/set_env.sh₩"
    exit
fi

PWD=`pwd`

#####

#####

case "$1" in
    all)
        echo "#####"
        echo "BUILD EXAMPLE ($PWD)"
        echo "#####"
        echo
        echo " Just moment..."
        make -j$MULTI_CORE
        if [ -e ./example ]; then
            echo "APPLICATION : example [ complete ]"
        fi
        echo "BUILD Done."
        echo
        ;;
    install)
        echo "INSTALL APPLICATION [ EXAMPLE ] to $BASE_DIR/app/output"
        mkdir -p ../output
        if [ -e ./example ]; then
            cp example ../output
        fi
        ;;
esac
```

부록 – allMake.sh

CONT.

```
*)  
    echo "Useage : ./allMake.sh all|install"  
    ;;  
esac
```

부록 – allClean.sh

Example of allClean.sh

```
#!/bin/sh

if [ -z $BASE_DIR ]; then
    echo $BASE_DIR
    echo "You must run ₩"source WOOK_ROOT/set_env.sh₩"
    exit
fi

#####
FLAG1=""

#####

case "$1" in
    clean)
        echo "#####"
        echo "CLEAN EXAMPLE"
        echo "#####"
        echo
        echo " Just moment..."
        make clean
        rm -f log
        echo "CLEAN Done."
        echo
        ;;
    distclean)
        echo "#####"
        echo "DISTCLEAN EXAMPLE"
        echo "#####"
        echo
        echo " Just moment..."
        make distclean
        rm -f log
        echo "DISTCLEAN Done."
        echo
        ;;
esac
```

부록 – allClean.sh

CONT.

```
*)  
    echo "Useage : ./allClean.sh clean|distclean"  
    ;;  
esac
```