

How to build project 4 in M1

1. `git clone https://github.com/JaechanAn/postgres-samsung.git`
2. `cd postgres-samsung`
3. `git submodule init`
4. `git submodule update`
5. Modify `scripts/install_sysbench.sh` as below

```
#!/bin/bash

# Parse parameters
for i in "$@"
do
    case $i in
        --sysbench-base-dir=*)
            SYSBENCH_BASE_DIR="${i#*=}"
            shift
            ;;

        --pgsql-install-dir=*)
            INSTALL_DIR="${i#*=}"
            shift
            ;;

        *)
            # unknown option
            ;;
    esac
done

cd ${SYSBENCH_BASE_DIR}

make clean -j4 --silent

./autogen.sh
./configure --without-mysql --with-pgsql --with-pgsql-includes=${INSTALL_DIR}/include -
-with-pgsql-libs=${INSTALL_DIR}/lib --silent
make -j4 --silent
```

6. Modify `run.sh:154` as below

```
--sysbench-base-dir=${SYSBENCH_DIR} \
--pgsql-install-dir=${INSTALL_DIR}
```

7. Modify `run_sysbench.sh:79` as below

```
--sysbench-base-dir=${SYSBENCH_DIR} \  
--pgsql-install-dir=${BASE_DIR}/pgsql
```

8. Remove the directory sysbench/third_party/luajit

using `rm -rf sysbench/third_party/luajit/luajit`

8. `cd sysbench/third_party/luajit`

9. `git clone https://github.com/LuaJIT/LuaJIT.git luajit`

10. Comment out the Makefile in `sysbench/third_party/luajit/luajit/src/Makefile:319~321`

```
# ifeq (,$(MACOSX_DEPLOYMENT_TARGET))  
#   $(error missing: export MACOSX_DEPLOYMENT_TARGET=XX.YY)  
# endif
```

11. Modify postgres/src/backend/utils/init/globals.c:21 as below (When in **border-collie** branch)

```
#ifdef __linux__  
#include <sys/sysinfo.h>  
#endif
```