Building a LeOS-R rom

--- ATTENTION: This will only work on LOS18.1 source for roms. NOT for building GSI -----

First of all you have to build lineageOS 18.1. You may follow the very well documented guide on
https://wiki.lineageos.org/devices/'devicename'/build
Substitute devicename with the name of your device, e.g. beyond0lte.
It is important, that the folder is named LeOS and not lineage like ...../LeOS/
You may obtain the blobs also from another source:
Best location for searching is here:
https://github.com/TheMuppets
and for Xiaomi devices here:
https://gitlab.com/the-muppets
After the LOS18.1 build finished successfully and the rom is booting fine, you can start building LeOS:

1. Download and extract the scripts.tar.xz from
https://leos-gsi.de/downloads/HowTo/. Copy and extract scripts.tar.xz into the 'LeOS' folder
2. Copy the files 'rom_changes.sh' and 'make.sh' from the 'scripts' folder into the 'LeOS' folder

   - - cp scripts/rom_changes.sh .
   - - cp scripts/make.sh .

3. Run the script by either
   executing 'bash rom_changes.sh' or
   'chmod u+x rom_changes.sh' followed by
   './rom_changes.sh'
4.When asked for device name, enter name of your device and press <ENTER>

The build will now start and should finish successfully.

You will find your LeOS.zip in out/target/product/'device-name'/

If you are running into an error like:
   -- 'can not find font file Roboto-Regular for language en'
please copy the file Android.bp (https://leos-gsi.de/downloads/HowTo/Android.bp)
to /external/roboto-fonts
and start over with bash make.sh

REMARK: You can also start without building LOS18.1 first, but if the build fails you won't know what the root cause of the error is, your sources, LOS sources or LeOS changes. If you first successfully built the LOS18.1 rom and the LeOS build fails, you know the issue is caused by the LeOS changes. In case of LeOS issues you can contact me on the LeOS Telegram group.

If you want to compile LeOS for another smartphone, you have to do the following (inside the LeOS folder):

First check, if the normal lineages build works:
1. source build/envsetup.sh
2. make clean
3. Delete these 4 folders:
   frameworks
   build
   external
   packages/app
4. Delete the old proprietary blob folders in
   device
   kernel
   vendor
5. Put the new proprietary blobs in the folder vendor/'manufacturer'/'device' under LeOS.
For example "../vendor/samsung/beyond0lte"
6. repo sync --force-sync
7. source build/envsetup.sh
8. croot
9. brunch 'device-name'
10. Pray

After that, you can start with building LeOS on top of it.