

Replicant - SDKBuild - # 18

SDK build

Prerequisites

The following is required to build Replicant for the SDK:

- [Build dependencies installation](#)
- [Replicant 4.2 source code](#)

Build

There is no need to build as root, building as a regular user should be preferred.

In the source tree root folder, run:

```
source build/envsetup.sh
lunch sdk-eng
```

Then, start the build:

```
parallel_tasks=$(echo "$(grep 'processor' /proc/cpuinfo | wc -l ) + 1" | bc)
make -j$parallel_tasks sdk
```

The `-jn` argument indicates the number of parallel tasks during the build (you can remove it from the command line to have only one task at a time).

`$parallel_tasks` holds an optimized number of parallel tasks for your hardware. You may want to reduce this number if e.g. the computer runs out of RAM during the build.

Produced binaries

The produced binaries are located at:

- `out/host/linux-x86/sdk/`