

# Instructions for Compilation of Project

## 1. Build the project:

- Copy the SIDS\_SOURCE folder to your system
- Open Qt and open the project from SIDS\_SOURCE
- Build the code
- Now click on the run button to generate the BUILD folder

## 2. Steps to make a statically compiled appimage of a Qt Project:

- Download **linuxdeployqt-5-x86 64.AppImage** from LinuxDeployQt's Github page <https://github.com/probonopd/linuxdeployqt/releases>.
- Go to directory where **linuxdeployqt-5-x86 64.AppImage** is downloaded and make it executable by:  
***\$ chmod a+x linuxdeployqt-5-x86 64.AppImage***
- Export path to QtCreator's bin directory by:  
***\$ export PATH=/path/to/bin:\$PATH***
- To check if the PATH is set to correct location run ***\$ qmake -v*** to print version of Qt.
- To generate the appimage simply execute the following command:-  
***[path to linuxdeployqt-5-x86 64.AppImage] [path to BUILD folder] -appimage***
- The appimage will be stored in the current working directory. Output logs can be checked for error debugging if needed.