

Guide for Running ISLFramework

1. Under the fuerte_workspace/sandbox folder, download the ISLFramework package:
`rosws set ISLFramework --git http://github.com/hkaraoguz/ISLFramework.git`
2. Command:
`rosws update sandbox/ISLFramework`
3. Command:
`rosmake ISLFramework`
If it gives errors about the absense of the necessary packages like brown_drivers, install them and try to compile ISLFramework again.
4. After all necessary packages are installed, the rosmake command will work without error. Then try to compile it by commanding:
`make`
It will give errors about the absence of VTK 5.8
5. Download VTK 5.8 from web and under the change the directory to Download/VTK and under this folder create a directory called build.
6. Command:
`cd build`
`cmake ..`
`ccmake ..`
If it gives an error command
`sudo apt-get install cmake-curses-gui`
`ccmake ..`
7. Change the item USE_QT, USE_SHARED_LIBS from off to on and configure them, then change USE_QT_CHARTS from off to on, then configure and generate. After finishing generating command: `make`
`sudo install make`
8. Change the directory to fuerte_workspace/sandbox and try to compile ISLFramework again. If it gives error, move the necessary libraries from local to necessary folder. After compiling, command:
`roscore`
`roslaunch ISLFramework example`
The bubble space visualizing framework should work.