Telescope control with Stellarium

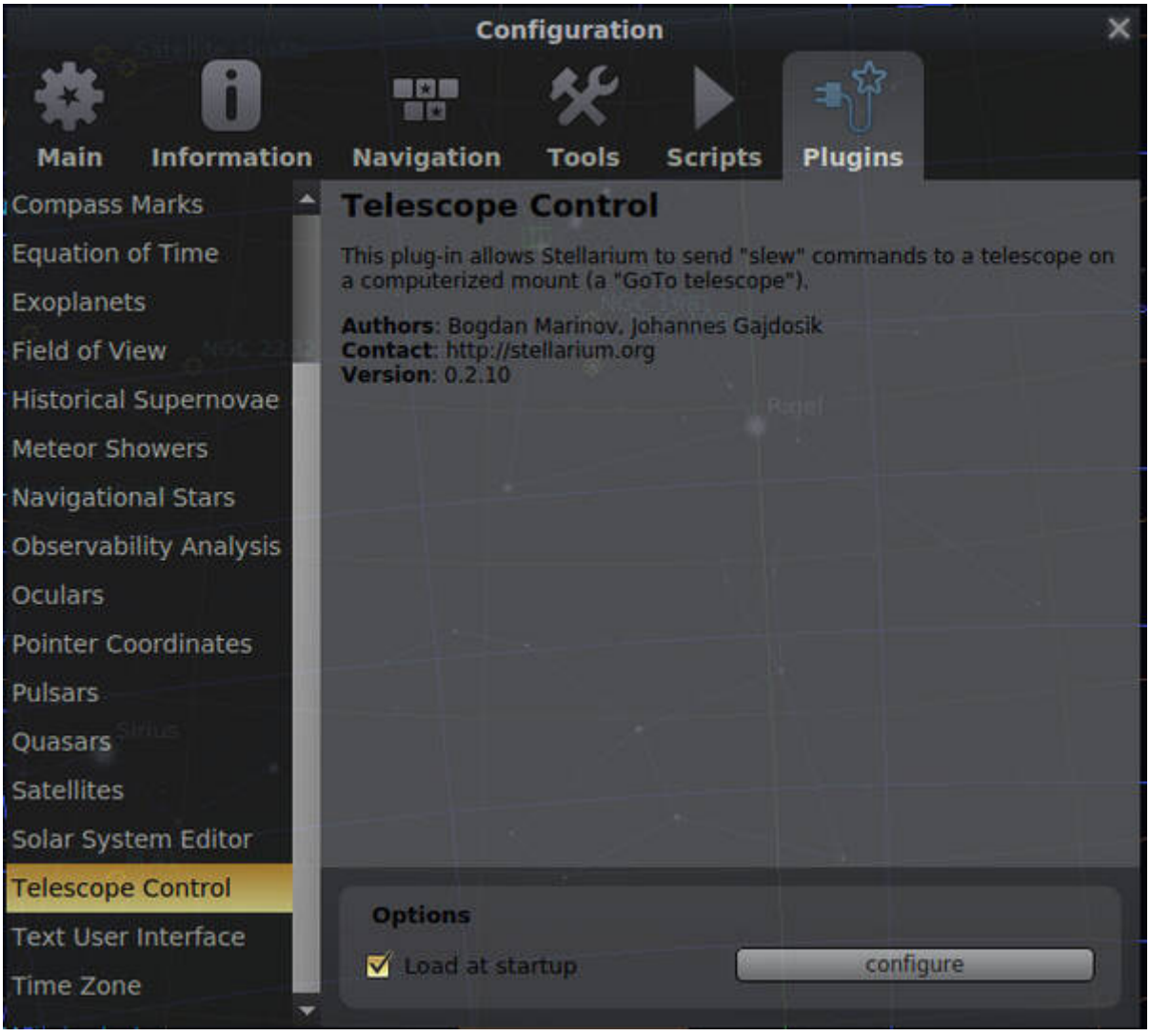
Stellarium can be connected to the OST. In this way, it is possible to send guiding commands to the telescope.

Please note: Simultaneous connections of *Stellarium*, *MaximDL*, or the *10 micron Virtual Keypad* to the telescope are not possible!!! Only one can be connected to the telescope at a time.

Establish the connection

First step

First, connect *Stellarium* to the telescope. For this purpose, hit the F2 key or move the mouse pointer to the left edge and click on the tool symbol. Afterwards, click on `Plugins` and then on `Telescope Control`. Then click on `configure`.



Second step

Initiate the connection procedure between *Stellarium* and the OST with a click on `Start`.

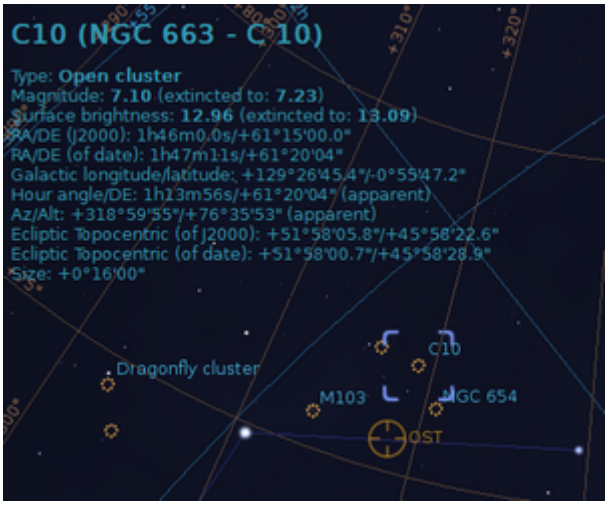
Third step

After the connection has been established, the `Status` notification should depict **Connected**. The menus can then be closed and *Stellarium* is ready to move the telescope to different objects.

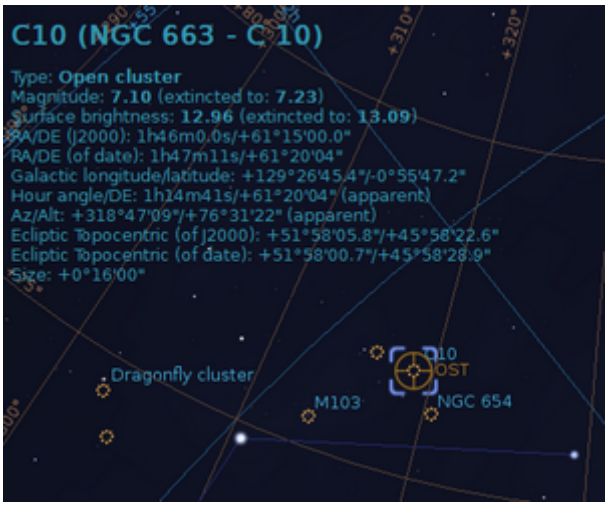
The menus can then be closed. *Stellarium* can now be used to move the telescope to different objects by hitting key sequence STRG+1.

Point the telescope to individual objects

The current pointing of the OST is illustrated with a red crosshair on the celestial sphere. An object must first be selected with the mouse pointer.

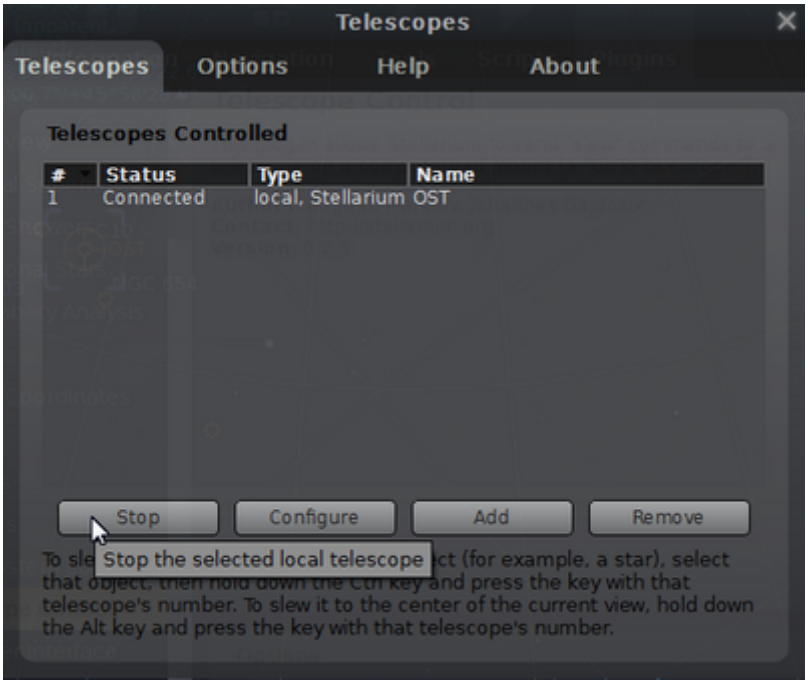


Afterwards, the telescope can be directed to this object by hitting the key sequence STRG+1 (STRG simultaneously with 1).



Close the connection

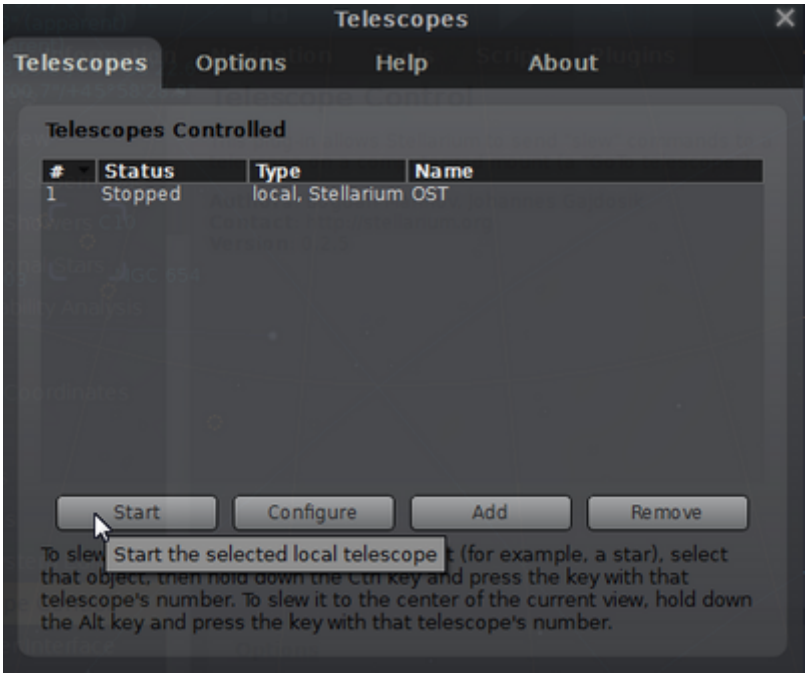
Repeat the first step from above but now click on `Stop` instead of `Start`.



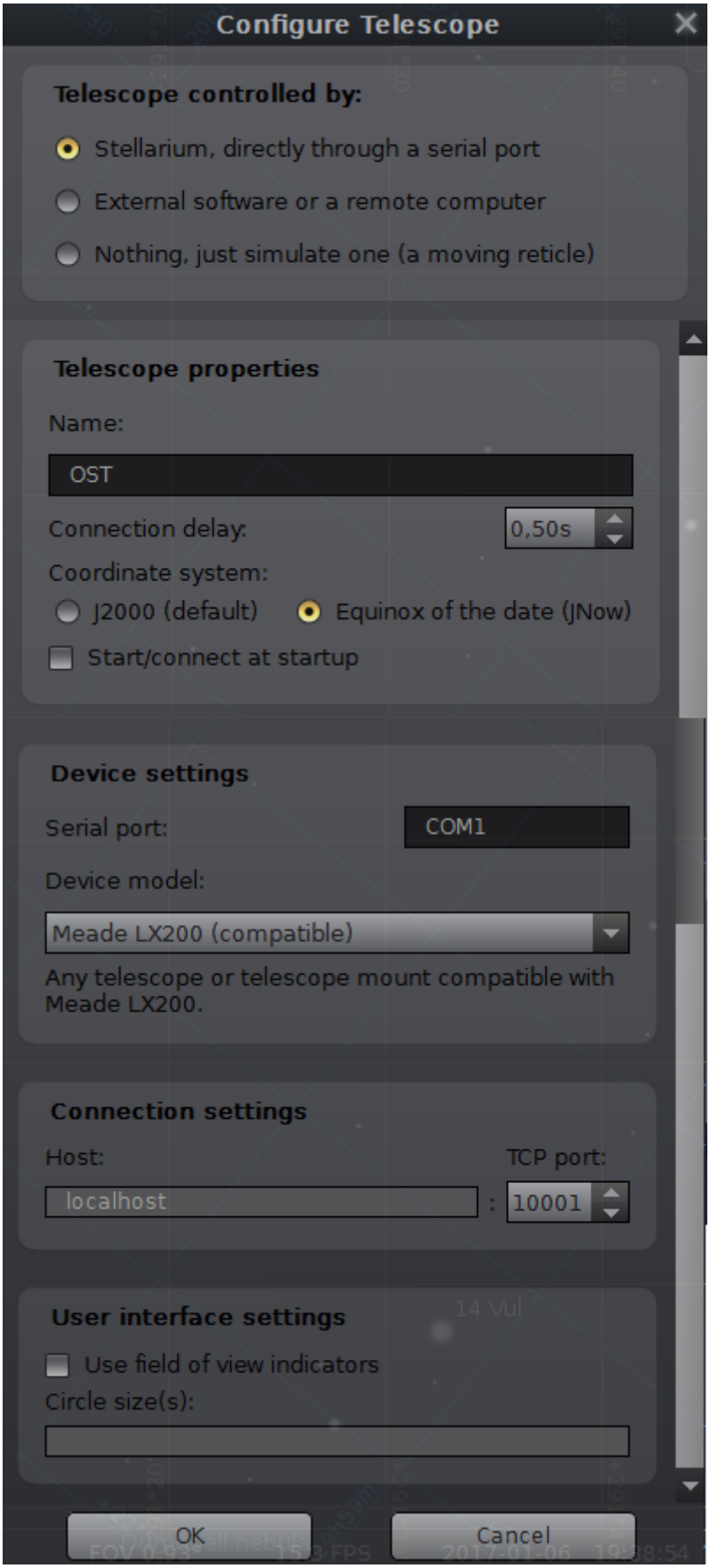
The `Status` notification should then depict **Stopped**.

Configuration

Repeat the first and second step from above. Afterwards click on `Configure`.



The current settings are:


Configure Telescope
Telescope controlled by:
Stellarium, directly through a serial port
External software or a remote computer
Nothing, just simulate one (a moving reticle)
Telescope properties
Name:
OST
Connection delay:
0,50s
Coordinate system:
J2000 (default)
Equinox of the date (JNow)
Start/connect at startup
Device settings
Serial port:
COM1
Device model:
Meade LX200 (compatible)
Any telescope or telescope mount compatible with Meade LX200.
Connection settings
Host:
TCP port:
localhost
10001
User interface settings
Use field of view indicators
Circle size(s):
OK
Cancel

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