

Como is a C++ / Qt library that provides an opportunity to applications using it to send out information on the sources of data within the application, that is, Como provides remote monitoring applications. Library name is an abbreviation of two English words: components observation and components monitoring, this is like someone like that.

The main idea of the library is that the application creates an `Como::ServerSocket` to manage client connections and send information to customers about the state of data and a number of objects of class `Como::Source`. The application simply changes the value of the object `Como::Source` at the right moment and `Como::ServerSocket` sends a message to all connected clients.

The data source can be dynamic. That is to appear and disappear at the time of destruction of a `Como::Source`. This is implemented ad-hoc reports deregistration data source. The application need not worry about manually sending messages. All the work is done automatically. That is, when an object of `Como::Source` registered there is sending register of data source messages, when the value of the data source is changed there is sending messages about the value changes of the data source, and the destruction of the object is sending deregistration of data source messages.

Class objects `Como::Source` may be in a different threads and not have to worry about synchronizing class `Como::ServerSocket`. `Como::ServerSocket` class is thread-safe.

In fact it is all you need to know to start using the library Como.