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| Arduino -> Visual Studio |
| Command: “HdlON” |
| Command: “HdlOFF” |
| Command: temperature(sensor reading) |
| Command: “Left” |
| Command: “Right” |

How it works?

I am sending a message via the Serial port to Visual studio. According to that message I trigger an event in the C# program. For example, “Left” and “Right” are for the direction of the blinkers and when a blinker is turned it would send a message which would be read from the visual studio and a check would decide what to do with the information.

On the other side I send the mode state “Hazard” or “Normal” which are responsible for the LED behavior. The C program reads the string by using a separator so that it understands it and afterwards there is a check which decides which mode is being triggered.

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| Visual Studio -> Arduino |
| Command: “NORMAL”/ Mode: “HAZARD” |