Protocol speed

Application to collect traffic information with a simple communication protocol.

Structure

The application is divided in two main parts:

- The ics interface with has the task of communication with iCS and creates a base upon which to develop the actual communication application. It is inside divided in:
  - Communication with iCS. In the folder *server* .
  - Node class abstraction. In the folder *application* .
- The application that implements the communication protocol. It is inside the folder *application/model* .

To class that connects the two application parts is the **iCSInterface** inside the folder *application/model* .

Simulation

To run a simulation from a folder run

```
iCS -c itetris-config-file.xml
```

Example: run for the scenario **A.Costa** in the folder *acosta*

```
iCS -c itetris-config-file-ns3.20.xml
```

Different scenarios

To use the application in a different scenario the configuration file *protocol-config-file.xml* has to be modified accordingly. In particular the tag **<infrastructure>** has to reflect the position of the RSUs and correctly specify the directions of the controlled roads.