

## Bitrate calculation exercise

Imagine the vendor Arista had a video transcoder known as X-Video. For each network interface included in X-Video, the API returns the number of transmitted and received octets at a determined moment. Our customer Fox is using several of that equipment and asked Skyline to add the respective bitrates, Rx and Tx, to the current driver.

**Exercise:** parse the following JSON and implement a method to calculate the requested bitrates for both Rx and Tx considering a polling rate of 2Hz.

Use the programming language at your preference. C# would be an added-value.

```
{
  "Device": "Arista",
  "Model": "X-Video",
  "NIC": [{
    "Description": "Linksys ABR",
    "MAC": "14:91:82:3C:D6:7D",
    "Timestamp": "2020-03-23T18:25:43.511Z",
    "Rx": "3698574500",
    "Tx": "122558800"
  }]
}
```