

# SRT processing

## — Problem Description —

If you have seen any subtitled movie you obtained though internet for sure you know [SubRip format](#). Its enries are like the following

```
645
01:31:51,210 --> 01:31:54,893
the government is implementing a new policy...
```

```
646
01:31:54,928 --> 01:31:57,664
In connection with a dramatic increase
in crime in certain neighbourhoods,
```

Each line has an increasing integer identification, then comes the time range (start and end time) in the format “hours:minutes:seconds,milliseconds”. The decimal separator used is the comma. Finally there are the subtitles themselves and a line break marks the end of an entry.

Sometimes the timing is shifted for a small amount, 2 or 3 seconds. Then comes the trouble when you need to shift everything a few seconds back or ahead.

You need to create a class to help us to create a new subrip file that is shifted a random amount of milliseconds.

So, for example, if I want to shift everything 2500ms ahead, I would start with this:

```
01:32:04,283 --> 01:32:07,769
```

and end up with:

```
01:32:06,783 --> 01:32:10,269
```