

RSSLO

Announcement sound system



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1. Basic

This system play sounds of station announcement. Station sounds and additional sounds are not included. A couple of sounds are attached, enough to be tested. You have to take care of all the other sounds yourself. The system read text file where is write the sound file of the station, additional sounds, meter to the station and name of the station.

The station sound files must be in .wav format and it needs to be in next folder:

...\RailWorks\Assets\RSSLO\OBB_ZZA\Sounds\Stations

The function sound files must be in .wav format and it needs to be in next folder:

...\RailWorks\Assets\RSSLO\OBB_ZZA\Sounds

2. Text file of announcement system

To create your own announcement system for your train, you need to create text file in next folder:

...\RailWorks\Assets\RSSLO\OBB_ZZA\Trains_Announcements

First line in text file must be:

End station sound ; End station name ; Start station name

2.1. End station sound

The sound name, which will be played after 5m when you start driving. The function sound "Greeting.wav" will be automatically played, before the station name.

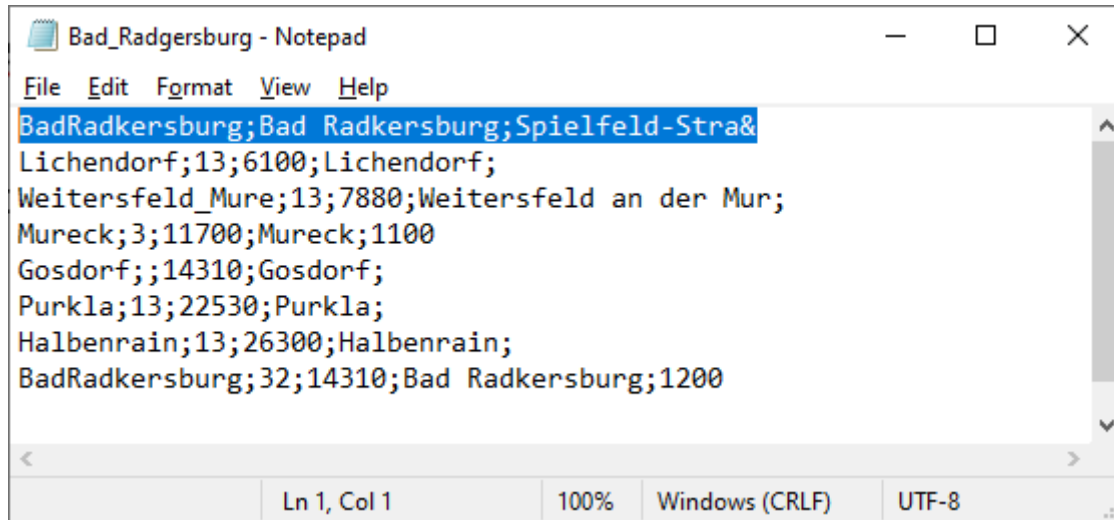
2.2. End station name

The end station name, that will be show on the display in the driver cab (if the vehicle cab is equipped with display). It will be shown max 23 characters.

2.3. Start station name

The start station name, that will be show on the display in the driver cab (if the vehicle cab is equipped with display). It will be shown max 23 characters.

2.4. Example



Picture 1 – example first line

- Greeting.wav and then BadRadkersburg.wav will be played
- “Bad Radkersburg” will be shown on display as end station
- “Spielfeld-Straß” will be shown on display as end station

All other lines in text file must be:

station sound ; Function sound ; Distance from start to the station ; Station name ; Distance (optional)

2.5. Station sound

The sound name, which will be played. The function sound “Next_Station.wav” will be automatically played, before. If it is the last station (last line), the “End_Station.wav” will be played after all sounds.

2.6. Function sound

Function sound from “Fun_1.wav Fun_9.wav” can be played after station sound. it will play in the order you type. You don’t need to write file name, just the numbers. Example:.....;1849;.....

2.7. Distance from start to the station

You need to write distance in meters from start station to the station you want to announce. The sound will be played 900m before the distance that you write.

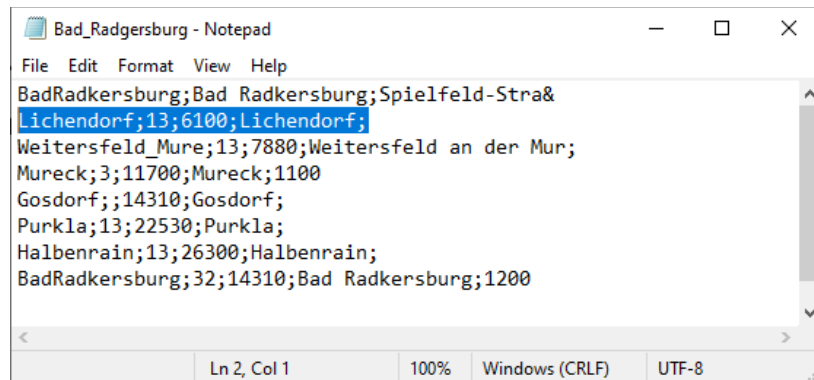
2.8. Station name

The station name, that will be show on the display in the driver cab (if the vehicle cab is equipped with display). It will be shown max 23 characters.

2.9. Distance (optional)

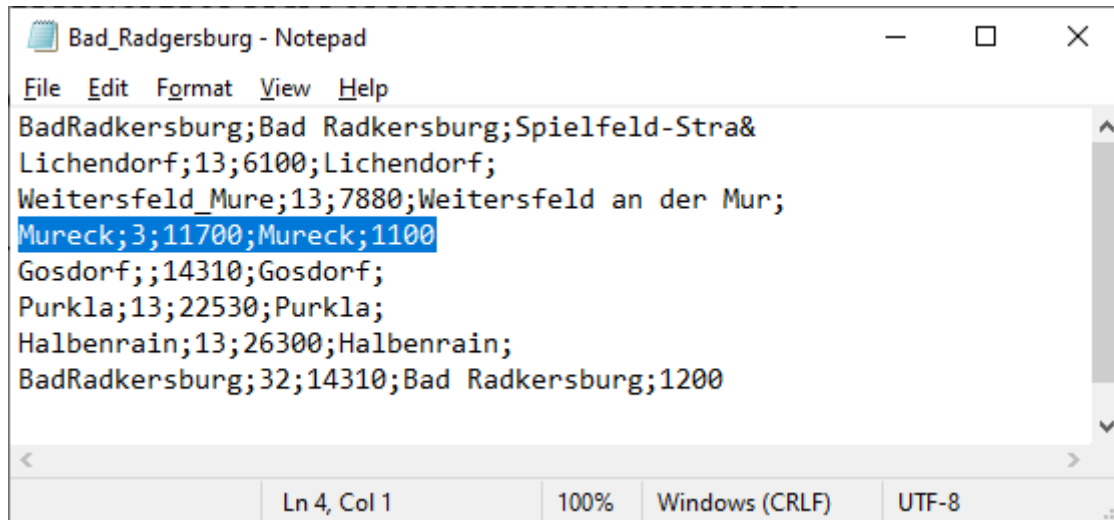
The distance in meters how much before station the sound will be played. There is automatically set the distance to 900m, but if you want to played on the different distance, you need to write the distance in the text (see example - picture 3).

2.10. Examples



Picture 2 – Example 1

- Next_Station.wav, BadRadkersburg.wav , Fun_1.wav and Fun_3.wav will be played
- The sounds will be played after we drive 5200m from start (6100m-900m = 5200m)
- “Lichendorf” will be shown on display in the cab.



Picture 3 – Example 2

- Next_Station.wav, Mureck.wav and Fun_3.wav will be played
- The sounds will be played after we drive 10600m from start (11700m-1100m = 10600m)
- “Mureck” will be shown on display in the cab.

3. Train number connection

To connect train number with the announced text file, you need to write announced text file name in the ZZA_Trains.text file.

3.1. Example

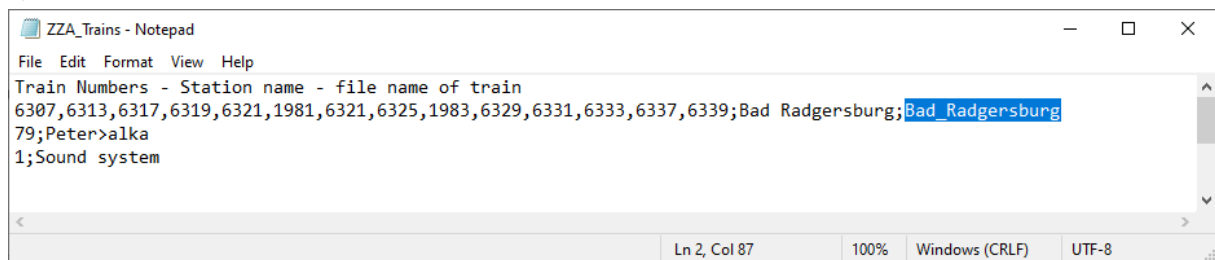
We create Bad_Radgersburg.txt announced file and save it in the “Trains_Announcements” folder



Now we need to open ZZA_Trains.txt that is under:

...\\RailWorks\\Assets\\RSSLO\\OBB_ZZA\\ZZA_Trains.txt

And add the file name of announcement on the end of the line, which we want. Don't forget to add “;” before the name of announcement.



4. Special characters

For using special characters (Ö,ö,Ä,ä,Š,š,...) in the station names (not in the sound names), you need to use next special character:

ö	!
Ö	+
ü	\$
Ü	%
ä	[
Ä	]
ß	&
č	_
š	*
ž	>
Č	<
Š	#
Ž	=

If you want to display show “**Südbahn**”, you need to write “**S\$dbahn**” or if you want to show “**Peteržalka**” you need to write “**Peter>alka**”.

5. Copyright

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