RadioListApp v.1.0

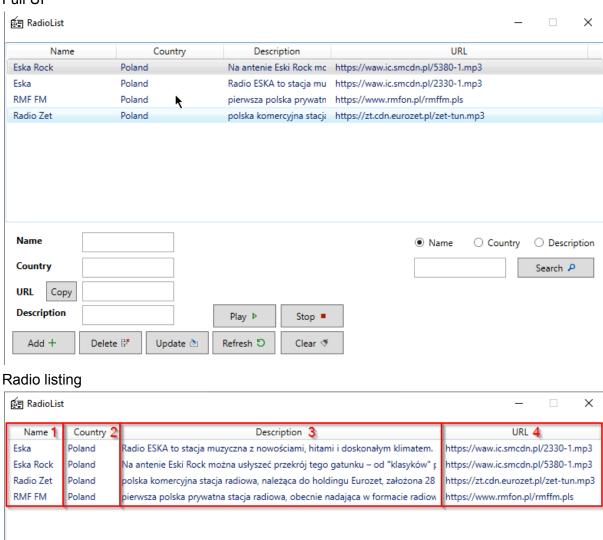Documentation

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Introduction

RadioListApp is a desktop radio listening application.To use RadioListApp, you don't need a registered account. Just download the app, turn it on and add any radio station you want. RadioListApp uses url streams that are public and available on the internet. The application supports all url formats.

Installation

1. Download the application from the public repository
   https://github.com/KonradKedziora0/RadioListApp
2. Extract the downloaded package
3. Install [.Net](#) version at least 5.0(If you already have .Net 5.0 installed then skip this step)
4. Go to radio-main/bin/release/net5.0-windows/
5. Run RadioList-v.1.0.exe

Description of UI and functionality

Full UI

Radio listing

      1.Name - the column responsible for displaying the name of the radio station

      2.Country - the column responsible for displaying the country where the radio station is from.

      3.Description - the column responsible for displaying the description of the radio station

      4.URL - the column responsible for displaying the URL of the radio station

All columns can be expanded and narrowed.

Add radio station form

1.Name - the input responsible for the name of the radio station

2.Country - the input responsible for the country where the radio station is from.

3.URL - the input responsible for the URL of the radio station. The "copy" button copies the value from this input

4.Description - the input responsible for the description of the radio station

5.Add - button adds a new radio station

6.Delete - button removes the selected station from the radio list

7.Update - button updates the selected station from the radio list

8.Refresh - button refreshes the radio listing

9.Clear - button clears the input fields

10.Play - button starts playing the selected station from the radio list

11.Stops - button stops playing the selected station from the radio list

Search radio station form

When you select a given "Name", "Country" or "Description" checkbox, type the value into the input and click search, the radio stations that match the value in the input will be listed.

Error handling

- Adding new stations - it is possible to add an empty or incomplete radio station. This is the expected behavior. Such a record can always be deleted or updated.

- Searching for non-existent stations - the radio list will become empty, but after searching for an empty record or after clicking refresh the list will return to the default state

- Not working URL - if the URL does not work and the user clicks play nothing will happen. Simply the station will not play.