
User Guide for AudioWorm

Version 0.0.0

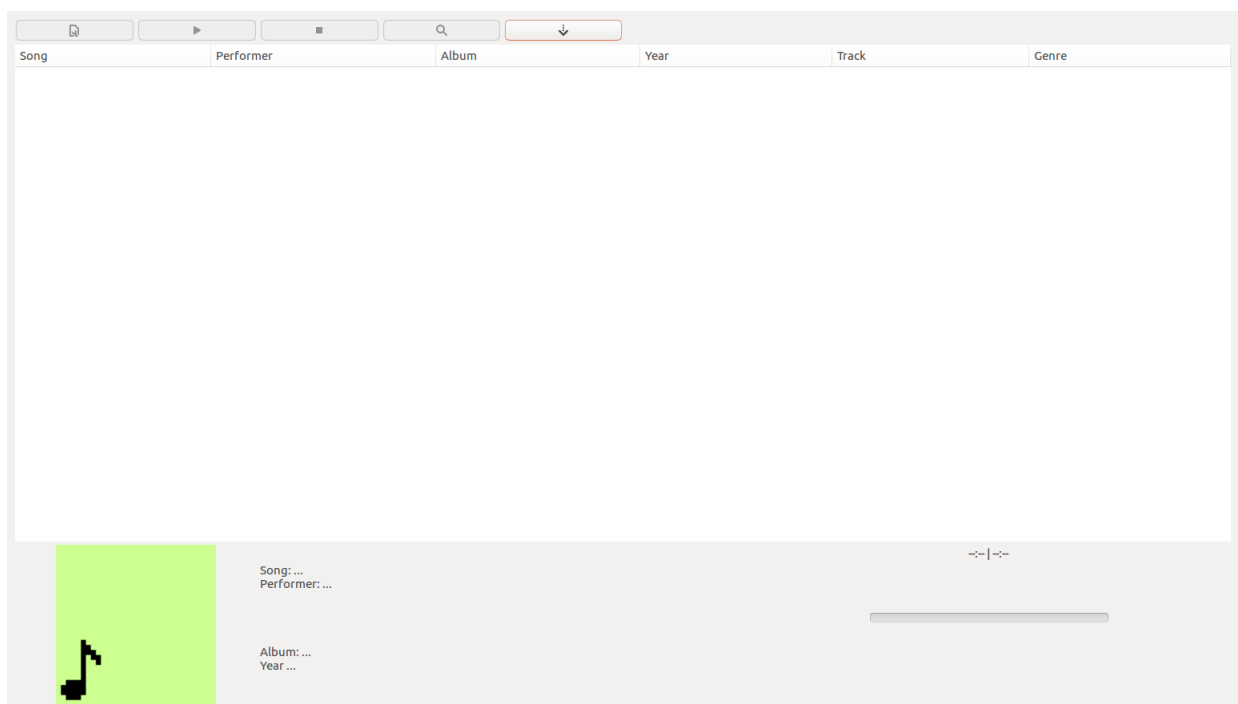
Chapter 1

Basics

1.1 Loading your MP3 files

Keep this in mind, by default AudioWorm will load all of your MP3 files that you have on your ~/Music directory, this may change on the following versions.

When you open the application AudioWorm has not loaded any of your songs yet, so it should appear like this:



So that your songs can appear you need to click the last button on the upper left, the one that has an arrow pointing down. When you click on it, AudioWorm will start to load all of your songs and save their info in a database.

At first it could take a moment, but do not worry, this only happens the first time you load your songs. The next time it will take less than a second to load of all them. After doing this, the application should look similar to this:

Song	Performer	Album	Year	Track	Genre
Sorcererz	Gorillaz	The Now Now	2018	05/11	Alternative
Idaho	Gorillaz	The Now Now	2018	06/11	Alternative
Lake Zurich	Gorillaz	The Now Now	2018	07/11	Alternative
Magic City	Gorillaz	The Now Now	2018	08/11	Alternative
Fire Files	Gorillaz	The Now Now	2018	09/11	Alternative
One Percent	Gorillaz	The Now Now	2018	10/11	Alternative
Souk Eye	Gorillaz	The Now Now	2018	11/11	Alternative
Monsters	Jo Marches	Monsters			Unknown Genre
Antitaxi	La Femme	Psycho Tropical Berlin			New Wave
Amor Prohibido II	Los Blenders	Amor Prohibido II - Single			Unknown Genre
She Works Out Too Much	MGMT	Little Dark Age	2018	1	Alternative
Little Dark Age	MGMT	Little Dark Age	2018	2	Alternative
When You Die	MGMT	Little Dark Age	2018	3	Alternative
Me and Michael	MGMT	Little Dark Age	2018	4	Alternative
Tslamp	MGMT	Little Dark Age	2018	5	Alternative
James	MGMT	Little Dark Age	2018	6	Alternative
Days That Got Away	MGMT	Little Dark Age	2018	7	Alternative
One Thing Left to Try	MGMT	Little Dark Age	2018	8	Alternative
When You're Small	MGMT	Little Dark Age	2018	9	Alternative
Hand It Over	MGMT	Little Dark Age	2018	10	Alternative
Mysight	Mild Orange	Unknown Album			Unknown Genre
Let Me Down Easy	Paolo Nutini	Caustic Love			Soul;Rock;Dance
Moon Undah Water	Puma Blue	Unknown Album			Unknown Genre
Laughing With	Regina Spektor	Far			Alternative;Pop
Dark Red	Steve Lacy	Unknown Album			Unknown Genre
Supposedly In Love	The MUK	Unknown Album			Unknown Genre
I Love You So	The walters	Unknown Album			Unknown Genre
How Can I Love You?	Yellow Days	Unknown Album			Unknown Genre

Song: ...
Performer: ...

Album: ...

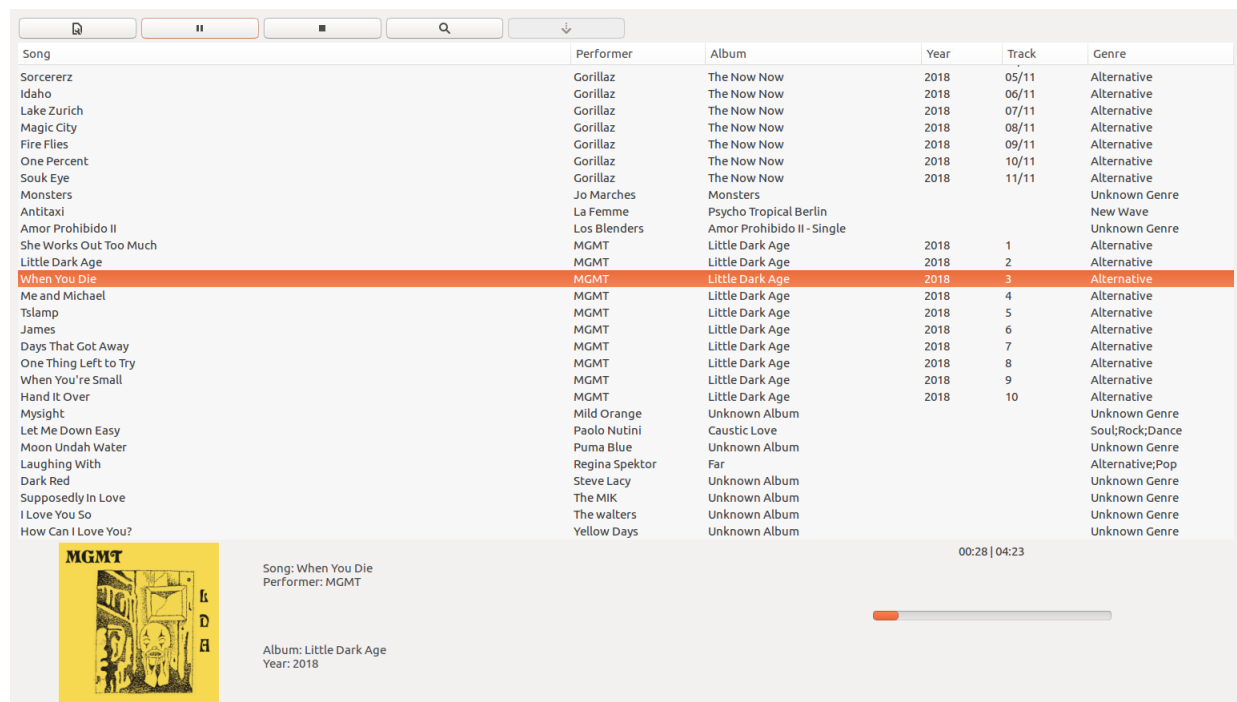
Year ...

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1.2 Playing a song

Once all the songs are loaded you can play them. To do this the only thing you need to do is click on a song and then click the play button (the one with an arrow pointing right).

After this, your application should look similar to the following one:



You may have noticed that now the button you clicked changed icon, now it should be appearing a pause icon. Click it and the music will be paused.

However, if you do change to other song, you will not be able to continue it if you paused it. Click on another song and start playing it and the one that was playing will stop and instead it will play the new one you selected.

If by some reason you got tired of listening to any song you can click the stop button (the one with the square) and will stop playing the song, you'll lose your track on the song you were listening but, hey, you wanted it to stop. After this, the application will reset to its default state.

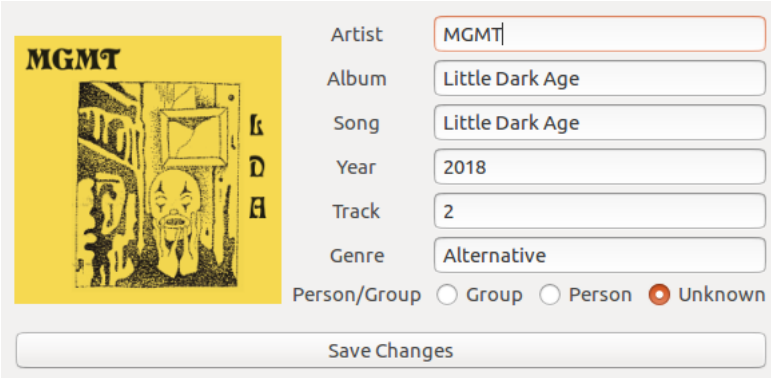
The screenshot shows a music application window. At the top is a toolbar with icons for search, play, stop, and volume. Below the toolbar is a table with columns: Song, Performer, Album, Year, Track, and Genre. The table lists various songs, with 'When You Die' highlighted in orange. Below the table is a player area with a green square, a black musical note icon, and fields for Song, Performer, Album, and Year. A progress bar is also visible.

Song	Performer	Album	Year	Track	Genre
Sorcererz	Gorillaz	The Now Now	2018	05/11	Alternative
Idaho	Gorillaz	The Now Now	2018	06/11	Alternative
Lake Zurich	Gorillaz	The Now Now	2018	07/11	Alternative
Magic City	Gorillaz	The Now Now	2018	08/11	Alternative
Fire Flies	Gorillaz	The Now Now	2018	09/11	Alternative
One Percent	Gorillaz	The Now Now	2018	10/11	Alternative
Souk Eye	Gorillaz	The Now Now	2018	11/11	Alternative
Monsters	Jo Marches	Monsters			Unknown Genre
Antitaxi	La Femme	Psycho Tropical Berlin			New Wave
Amor Prohibido II	Los Blenders	Amor Prohibido II - Single			Unknown Genre
She Works Out Too Much	MGMT	Little Dark Age	2018	1	Alternative
Little Dark Age	MGMT	Little Dark Age	2018	2	Alternative
When You Die	MGMT	Little Dark Age	2018	3	Alternative
Me and Michael	MGMT	Little Dark Age	2018	4	Alternative
Tslamp	MGMT	Little Dark Age	2018	5	Alternative
James	MGMT	Little Dark Age	2018	6	Alternative
Days That Got Away	MGMT	Little Dark Age	2018	7	Alternative
One Thing Left to Try	MGMT	Little Dark Age	2018	8	Alternative
When You're Small	MGMT	Little Dark Age	2018	9	Alternative
Hand It Over	MGMT	Little Dark Age	2018	10	Alternative
Mysight	Mild Orange	Unknown Album			Unknown Genre
Let Me Down Easy	Paolo Nutini	Caustic Love			Soul;Rock;Dance
Moon Undah Water	Puma Blue	Unknown Album			Unknown Genre
Laughing With	Regina Spektor	Far			Alternative;Pop
Dark Red	Steve Lacy	Unknown Album			Unknown Genre
Supposedly In Love	The MUK	Unknown Album			Unknown Genre
I Love You So	The walters	Unknown Album			Unknown Genre
How Can I Love You?	Yellow Days	Unknown Album			Unknown Genre

Below the table, the player area shows a green square with a black musical note icon. To the right of the icon are fields for Song: ..., Performer: ..., Album: ..., and Year: ... A progress bar is located below these fields.

1.3 Editing a song

The first button on the upper left corner is the one that allows you to edit any song you want, but first, click on a song and play it, afterwards the edit button will now be able to be click-able. Do it, and it should open a window similar to this one:



The screenshot shows a song editing window. On the left is a yellow album cover for MGMT's 'Little Dark Age'. To the right of the cover are input fields for the following information:

Field	Value
Artist	MGMT
Album	Little Dark Age
Song	Little Dark Age
Year	2018
Track	2
Genre	Alternative

Below these fields are three radio buttons for 'Person/Group': ☐ Group, ☐ Person, and ☒ Unknown. At the bottom is a 'Save Changes' button.

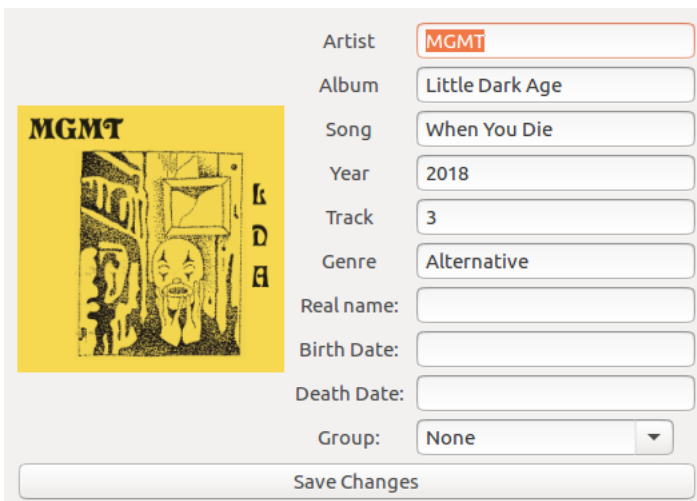
From here you have several options, you can change the following:

1. Song's title
2. Artist
3. Group
4. Song's year
5. Song's track

And you can change whether the artist is a person or a group, or maybe an unknown, you don't know these days.

Let's say you decide that the artist is a person, click on the button that specifies this, and save your changes clicking on the button that says 'Save changes'. If you made some changes but do not want to save them just close the window.

Afterwards editing the same song should now look like this:



The screenshot shows the same song editing window, but with updated information. The album cover remains the same. The input fields now show:

Field	Value
Artist	MGMT
Album	Little Dark Age
Song	When You Die
Year	2018
Track	3
Genre	Alternative

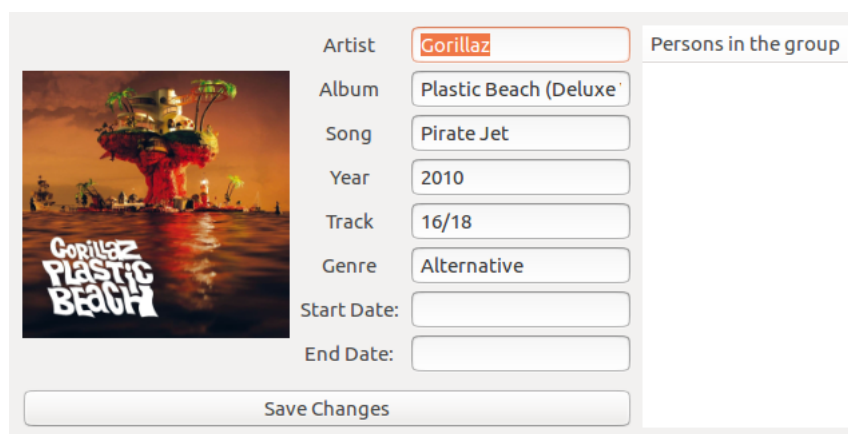
Below these fields, the 'Person/Group' section now includes text input fields for 'Real name:', 'Birth Date:', and 'Death Date:', followed by a dropdown menu for 'Group' set to 'None'. The 'Unknown' radio button is no longer selected. The 'Save Changes' button remains at the bottom.

And now some new fields (not the mathematical ones) have appeared on the window. These are person exclusives entries. So now you can edit the following:

1. Artist's real name
2. Artist's Birth date
3. Artist's Death date (if the individual is dead)

These fields are optional so you can leave them empty and there's no problem. There's another field called 'Group' but it'll be explained later.

In case you clicked on 'Group' then the artist will be known as a group, so the window should now appear like this:

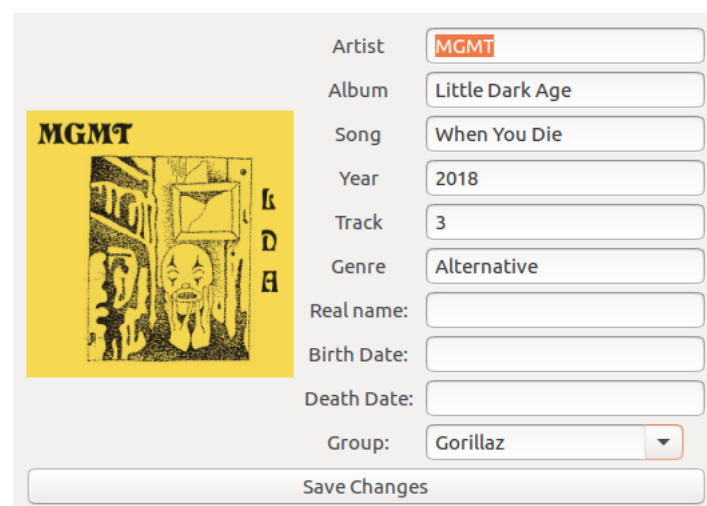


The screenshot shows a web interface for editing the album 'Plastic Beach' by Gorillaz. On the left is the album cover. To the right of the cover are several input fields: Artist (Gorillaz), Album (Plastic Beach (Deluxe)), Song (Pirate Jet), Year (2010), Track (16/18), Genre (Alternative), Start Date, and End Date. A 'Save Changes' button is at the bottom. On the far right, there is a section titled 'Persons in the group' which is currently empty.

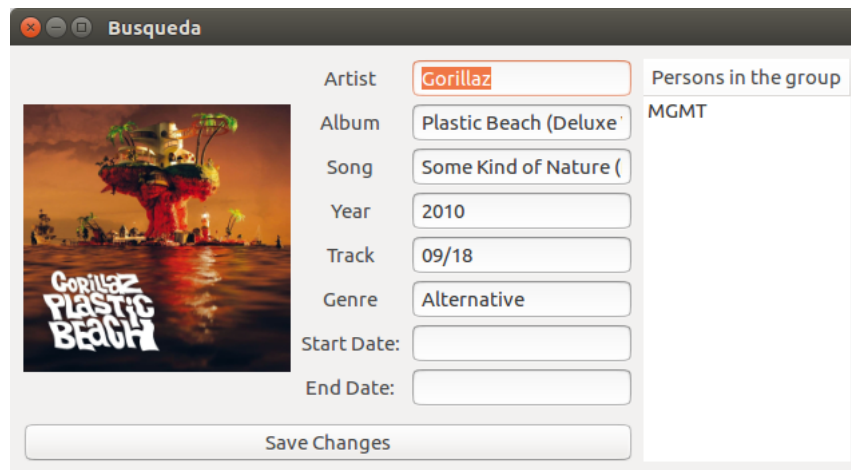
In this case some new fields also appear:

1. Group's start date
2. Group's end date

They are also optional, so you can leave them as well empty. The box on right will show all the persons that are in a group, to add some person to a group you have to go a person and select on the field that they are in that group, doing this should do the following on the application:



The screenshot shows a web interface for editing the album 'Little Dark Age' by MGMT. On the left is the album cover. To the right of the cover are several input fields: Artist (MGMT), Album (Little Dark Age), Song (When You Die), Year (2018), Track (3), Genre (Alternative), Real name, Birth Date, Death Date, and Group (Gorillaz). A 'Save Changes' button is at the bottom. The 'Group' field is a dropdown menu currently set to 'Gorillaz'.



The screenshot shows a window titled "Busqueda" with a dark header bar containing standard window controls. The main area is divided into three sections. On the left is a square album cover for Gorillaz's "Plastic Beach" featuring a colorful, surreal island scene. To the right of the cover is a list of metadata fields: "Artist" (Gorillaz), "Album" (Plastic Beach (Deluxe)), "Song" (Some Kind of Nature ()), "Year" (2010), "Track" (09/18), "Genre" (Alternative), "Start Date:" (empty), and "End Date:" (empty). Each field has a corresponding text input box. On the far right is a section titled "Persons in the group" with a list box containing the text "MGMT". At the bottom of the window is a wide button labeled "Save Changes".

Field	Value
Artist	Gorillaz
Album	Plastic Beach (Deluxe)
Song	Some Kind of Nature (
Year	2010
Track	09/18
Genre	Alternative
Start Date:	
End Date:	

Persons in the group: MGMT

Save Changes

Now, obviously MGMT is not a person and it doesn't belong in Gorillaz, but it works as an example.

1.4 Searching

You can click the button that has a magnifying glass, this will open a new window with an small entry. Here you can write your search query, now the query can have the following content:

1. If you want to search by artist you can write:
`Artist:Artist_1.`
2. Songs:
`Song:Song_1.`
3. Albums:
`Albums:Album_1.`
4. And all the previous fields such as `year,track` or `genre`
5. If you wanna search more than one artist (or any other valid field):
`Artist:(Artist_1,Artist_2).`
6. If you wanna search by artist and song or any other possible combination:
`Artist:Artist_1. Song:(Song_1,Song_2).`
7. In case the name has some special characters such as `'`, `"`, `'`, `'` or similar then you must escape the name (this is feature still has a lot of bugs so do not expect much):
`Artist:(Artist_1,Artist_2,\[Artist_3\])`

Click the search button and all the songs that appeared on the application will now be filtered, so now only the ones that fulfill your given condition will be appearing.