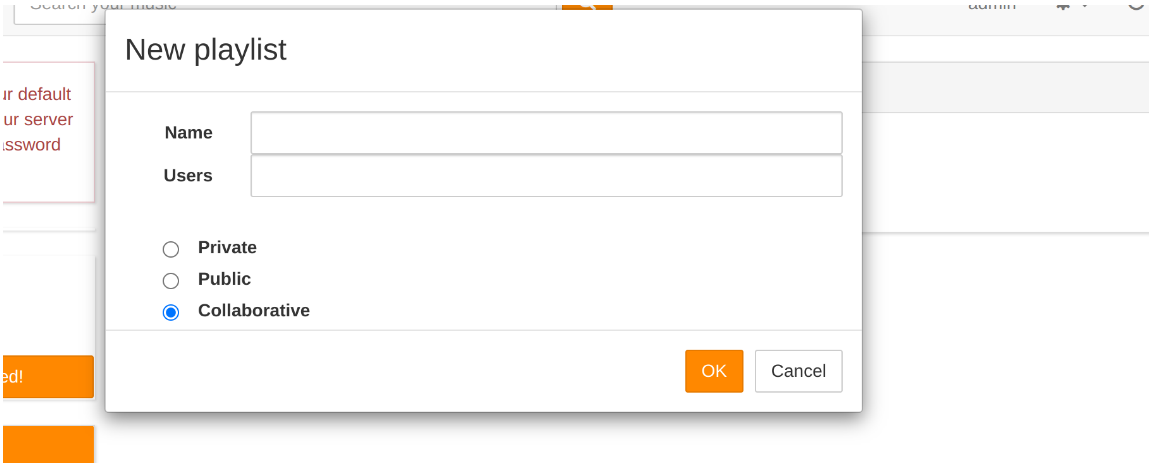
Bonus

Making Playlists Collaborative

The playlists are currently private or public. The bonus task consists of making the playlists collaborative as well. This means that the allowed users should be able to edit the playlists as well.

This is very similar to how the playlists are made public. First we take the input of the list of allowed users.



New playlist

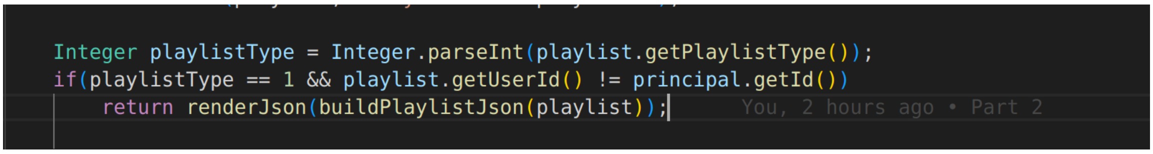
Name

Users

○ Private
○ Public
● Collaborative

We will be using the changes we made before to make the playlists public. Similar to before, the list allowed users will be stored and keep track of the playlist type and allowed users.

The only difference from before is that when a user tries to do some modify operation on the playlist, we check if the playlist type is collaborative or not. If it is, then we simply allow that user to add/delete. This can be done as shown in the code below.



```
Integer playlistType = Integer.parseInt(playlist.getPlaylistType());
if(playlistType == 1 && playlist.getUserId() != principal.getId())
    return renderJson(buildPlaylistJson(playlist));
```

We see that if the playlist type is 1 (public) we simply return early. If the playlist type is 0 (private) the playlist is simply not shown to the non-owner users. If the playlist type is 2 that and the user can see it, that means he is allowed to add/delete and he can do modification operations.

Overall there is barely a few lines of code of difference between making the playlist public and then having a collaborative playlist as well.