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| **MusiqueRunner** |
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| main (String[]) |

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| **PlaylistManager** |
|  |
| initialize(User): Playlist[]  display(Playlist)  display(Media[])  search (Playlist, String[]): Media[]  sort (Playlist, String[]): Media[] |

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| **Musique4U** |
| user: User  lists: Playlist[] |
| Musique4U()  menu() |

1 Musique4U

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| **Playlist** |
| Media: Media[] |
| Playlist(Media[]): Playlist  toString(): String  addMedia (Media)  deleteMedia (Media)  editMedia (Media, Media) |

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| ***Media*** |
| id: int  title: String  genre: String |
| Media(int, String, String)  toString(): String |

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| **Music** |
| artist: String  album: String |
| Music(String[], int)  toString(): String |

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| **UserManager** |
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| getUser(): User  login(String, String): User  register(String[]): User |

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| **FileManger** |
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| userExist(String): boolean  checkPass(String, String): boolean  loadUser(String): User  addUser(User): boolean  loadPlaylist(User): Playlist[]  reload(Playlist): Playlist  add (Media[], Playlist)  del(Media[], Playlist)  edit (Media[], Playlist) |

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| **User** |
| id: int  username: String  password: String  name: String  gender: char |
| User(String[])  toString(): String |

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| **Video** |
| duration: double  rating: char |
| Video(String[], int)  toString(): String |

\*Playlist

\*Media

1 User