

# Guide to install the project:

## Prerequisites

- A version of Microsoft Visual Studio 2019 (I recommend 2019 version but 2017 can be used but need to install some dependencies).
- SQL Server Management Studio v18.6.
- SQL server 2019
- .Net Framework 4.7.2
- Postman v7.34.0

## Guides

1. Run the Script inside the folder **Script SQL** on SQL Server Management:
  - a. `/backend/Script SQL/DBArtist.sql`
    - ⇒ The database **DBArtist** should be created.
2. Change the data source on connection strings through *Web.config* of the project:
  - a. `/backend/APIArtist/Web.config`

`string="data source=TO-BE-CHANGED`

3. Open the Project on Visual Studio : **APIArtist**
  - a. Run the project (Ctrl + F5)
    - ⇒ The API should be available on this address  
<https://localhost:44304/>
4. Open the **Postman** and import the collection inside the Postman folder (/backend/Postman) :
  - a. There are 5 requests inside the collection :
    - ⇒ *GetAlbumByArtistID* : Get Top 10 albums of an artist (e.g. albums of artist The Kooks)  
<https://localhost:44304/artist/f82f3a3e-29c2-42ca-b589-bc5dc210fa9e/albums>
    - ⇒ *GetReleasesByArtistID* : Get Releases of an artist

<https://localhost:44304/artist/f82f3a3e-29c2-42ca-b589-bc5dc210fa9e/releases>

⇒ GetArtistByID : Get the information of an artist

<https://localhost:44304/artist/650e7db6-b795-4eb5-a702-5ea2fc46c848>

⇒ GetAllArtistFromDB : Get all artist stored on the database

<https://localhost:44304/artists>

⇒ SearchArtistByCriteria : Search an artist by a criteria (e.g. search an artist with name "Joh")

<https://localhost:44304/artist/search/joh>