

EPICTURE

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What is Epicture ?

Epicture is a C# project created with Visual studio 2017. He able people with a imgur account to Search for photos on the platform using the visual studio imgur api. Epicture is a UWP Visual studio project meaning Epicture is compatible with all the Microsoft platform.

Dependencies

To use Epicture you just need to have visual studio on your computer (visual studio 2017 is highly recommended).

Usage

To launch Epicture:

- Launch Visual Studio and do *open a project* and select *epicture.sln*.
- To start Epicture click on the *start* button on the top of the window visual studio.
- Once the application started you will have first to enter your imgur account ID to connect and use the application using your mouse and your keyboard.

MainWindow

MainWindow is the major class of the app, it handles the visual of the app, communicate with imgur through the imgur api and make call to the *DataList* class in way to handle the save of data.

Function class:

- *MainWindow()* : the constructor of the class, it just initialize the visual component.
- *private void Button_Click(object sender, RoutedEventArgs e)* : is call when the *connect* button is used. Its use the imgur account ID information write by the user to start the app by connecting with imgur.
- *public void Start_imgur(string clientID, string clientIDSecret)* : is called after the *Button_click* function. Create the connection with imgur using its parameter.
- *public static bool Checkco()* : is used to check if the connection with internet is still working.
- *private void Display_Favoris(object send, RoutedEventArgs e)* : display the imgur image that the user put in his favorite list.
- *private void Add_Click(object sender, RoutedEventArgs e)* : add the image choose by the user to the favorite list.
- *private async void onTextChangedSearch(object sender, RoutedEventArgs e)* : launch a search request on imgur depending of the option search choose by the user.
- *private void Remove_Click(object sender, RoutedEventArgs e)* : remove the image choose by the user of the favorite list.

Variable class:

- *public ImgurClient client* : the imgur api reference of the class.
- *public ObservableCollection<DataList> contents* : the Datalist class reference of the class.
- *bool scene* : is used to determine in witch view we are.
- *string favolist* : keep the favorites list safe.

DataList

DataList is the class of the image gestion of the favorites list image.

Function class:

- *public DataList(string url,Imgur.API.Models.Impl.GalleryImage img)* : constructor of the class, use the given parameter to keep a url and a image information.

Variable class:

- *public string Url* : keep a Url of a image.
- *public Imgur.API.Models.Impl.GalleryImage Img* : keep a image.