

StarWarsApp by Guillermo Siliuto

Testing Arguments

- Argument input as expected

C:\Windows\system32\cmd.exe - go run Main.go Han Solo

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo
```

```
      Han Solo
Height:      180
Mass:        80
Hair color:  brown
Skin color:  fair
Eye color:   brown
Birth year:  29BBY
Gender:      male
Home world:  Corellia
Species:     Human
Starship/s:  Millennium Falcon
              Imperial shuttle

Vehicle/s:

Film/s:      The Empire Strikes Back
              Return of the Jedi
              A New Hope
              The Force Awakens
```

The application shows the information of the character

- No argument input at application start

C:\Windows\system32\cmd.exe

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>StarWarsApp
You haven't input any character. Type: go run Main.go nameOfCharacter

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>
```

The application informs about the lack of arguments and closes itself.

- Partial or erroneous name of character as argument

```
C:\Windows\system32\cmd.exe - go run Main.go Han

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han

      Han Solo
Height:      180
Mass:        80
Hair color:  brown
Skin color:  fair
Eye color:   brown
Birth year:  29BBY
Gender:      male
Home world:  Corellia
Species:     Human
Starship/s:  Millennium Falcon
              Imperial shuttle

Vehicle/s:

Film/s:
              The Empire Strikes Back
              Return of the Jedi
              A New Hope
              The Force Awakens
```

The application completes the name of the character and shows its information

```
C:\Windows\system32\cmd.exe - go run Main.go Jran

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Jran
The character you entered doesn't exist
```

The application can't find a match with the erroneous name, shows an error and closes

```
C:\Windows\system32\cmd.exe - go run Main.go Jan Solo

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Jan Solo

      Jango Fett
Height:      183
Mass:        79
Hair color:  black
Skin color:  tan
Eye color:   brown
Birth year:  66BBY
Gender:      male
Home world:  Concord Dawn
Species:     Human
Starship/s:

Vehicle/s:

Film/s:
              Attack of the Clones
```

The application matches the closest name with the ones that exists and shows its information

Testing DataBase and Json information

- Initialize the application for the first time

```
C:\Windows\system32\cmd.exe - go run Main.go Han Solo

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo
DATABASE CREATED SUCCESFULLY
Retrieving json data. Wait a moment please.....
.....
Han Solo
Height: 180
Mass: 80
Hair color: brown
Skin color: fair
Eye color: brown
Birth year: 29BBY
Gender: male
Home world: Corellia
Species: Human
Starship/s: Millennium Falcon
Imperial shuttle

Vehicle/s:

Film/s: The Empire Strikes Back
Return of the Jedi
A New Hope
The Force Awakens
```

Creates the database and retrieves the information from Json

Testing the Menu

- Start the application normally

 C:\Windows\system32\cmd.exe - go run Main.go Han Solo

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo
```

```

    Han Solo
Height:      180
Mass:        80
Hair color:  brown
Skin color:  fair
Eye color:   brown
Birth year:  29BBY
Gender:      male
Home world:  Corellia
Species:     Human
Starship/s:  Millennium Falcon
              Imperial shuttle

Vehicle/s:

Film/s:
          The Empire Strikes Back
          Return of the Jedi
          A New Hope
          The Force Awakens
```

```
Choose one of the following options?
Enter another character's name  (1)
View the list of character      (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)
```

Shows the character information and displays the menu again

- Select first option and input no character name

```

C:\Windows\system32\cmd.exe - go run Main.go Han Solo
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

      Han Solo
Height:      180
Mass:        80
Hair color:  brown
Skin color:  fair
Eye color:   brown
Birth year:  29BBY
Gender:      male
Home world:  Corellia
Species:     Human
Starship/s:  Millennium Falcon
              Imperial shuttle

Vehicle/s:

Film/s:
          The Empire Strikes Back
          Return of the Jedi
          A New Hope
          The Force Awakens

Choose one of the following options?
Enter another character's name (1)
View the list of character     (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)

1
Character name:

      Luke Skywalker
Height:      172
Mass:        77
Hair color:  blond
Skin color:  fair
Eye color:   blue
Birth year:  19BBY
Gender:      male
Home world:  Tatooine
Species:     Human
Starship/s:  X-wing
              Imperial shuttle

Vehicle/s:
          Snowspeeder
          Imperial Speeder Bike

Film/s:
          The Empire Strikes Back
          Revenge of the Sith
          Return of the Jedi
          A New Hope
          The Force Awakens

Choose one of the following options?
Enter another character's name (1)
View the list of character     (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)

```

Shows the first character from the database and displays the menu again

- Select first option and input a wrong character name

```
C:\Windows\system32\cmd.exe - go run Main.go Han Solo

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

      Han Solo
Height:      180
Mass:        80
Hair color:  brown
Skin color:  fair
Eye color:   brown
Birth year:  29BBY
Gender:      male
Home world:  Corellia
Species:     Human
Starship/s:  Millennium Falcon
              Imperial shuttle

Vehicle/s:

Film/s:
          The Empire Strikes Back
          Return of the Jedi
          A New Hope
          The Force Awakens

Choose one of the following options?
Enter another character's name (1)
View the list of character     (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)

1
Character name:
asdf sdf
The character you entered doesn't exist

Choose one of the following options?
Enter another character's name (1)
View the list of character     (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)
```

Shows an error and displays the menu again

- Select first option and input a correct character name

```
C:\Windows\system32\cmd.exe - go run Main.go Han Solo
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

      Han Solo
Height:      180
Mass:        80
Hair color:  brown
Skin color:  fair
Eye color:   brown
Birth year:  29BBY
Gender:      male
Home world:  Corellia
Species:     Human
Starship/s:  Millennium Falcon
              Imperial shuttle

Vehicle/s:

Film/s:
The Empire Strikes Back
Return of the Jedi
A New Hope
The Force Awakens

Choose one of the following options?
Enter another character's name (1)
View the list of character     (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)

1
Character name:
Obi-Wan Kenobi

      Obi-Wan Kenobi
Height:      182
Mass:        77
Hair color:  auburn, white
Skin color:  fair
Eye color:   blue-gray
Birth year:  57BBY
Gender:      male
Home world:  Stewjon
Species:     Human
Starship/s:  Jedi starfighter
              Trade Federation cruiser
              Naboo star skiff
              Jedi Interceptor
              Belbullab-22 starfighter

Vehicle/s:
Tribubble bongo

Film/s:
The Empire Strikes Back
Attack of the Clones
The Phantom Menace
Revenge of the Sith
Return of the Jedi
A New Hope

Choose one of the following options?
Enter another character's name (1)
View the list of character     (2)
View the list of vehicles      (3)
View the list of starships     (4)
View the list of films         (5)
Exit                           (0)
```

Shows the character information and displays the menu again

- Select the second option of the menu (view list of characters)

C:\Windows\system32\cmd.exe - go run Main.go Boba Fett

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Boba Fett

```

      Boba Fett
Height:      183
Mass:        78.2
Hair color:  black
Skin color:  fair
Eye color:   brown
Birth year:  31.5BBY
Gender:      male
Home world:  Kamino
Species:     Human
Starship/s:  Slave 1

Vehicle/s:

Film/s:
    The Empire Strikes Back
    Attack of the Clones
    Return of the Jedi

```

Choose one of the following options?

Enter another character's name	(1)
View the list of character	(2)
View the list of vehicles	(3)
View the list of starships	(4)
View the list of films	(5)
Exit	(0)

2

```

CHARACTERS:
-Ackbar
-Adi Gallia
-Anakin Skywalker
-Arvel Crynyd
-Ayla Secura
-BB8
-Bail Prestor Organa
-Barriss Offee
-Ben Quadinaros
-Beru Whitesun lars
-Bib Fortuna
-Biggs Darklighter
-Boba Fett
-Bossk
-C-3PO
-Captain Phasma
-Chewbacca
-Cliegg Lars
-Cordé
-Darth Maul
-Darth Vader
-Dexter Jettster
-Dooku
-Dormé
-Dud Bolt
-Eeth Koth
-Finis Valorum
-Finn
-Gasgano
-Greedo
-Gregar Typho
-Grievous
-Han Solo
-IG-88
-Jabba Desilijic Tiure
-Jango Fett
-Jar Jar Binks

```

Shows the whole list of characters of the database ordered by name and displays the menu again

- Choose the third option (view list of vehicles)

C:\Windows\system32\cmd.exe - go run Main.go Darth Vader

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Darth Vader

Darth Vader

Height: 202
 Mass: 136
 Hair color: none
 Skin color: white
 Eye color: yellow
 Birth year: 41.9BBY
 Gender: male
 Home world: Tatooine
 Species: Human
 Starship/s: TIE Advanced x1

Vehicle/s:

Film/s:
 The Empire Strikes Back
 Revenge of the Sith
 Return of the Jedi
 A New Hope

Choose one of the following options?

- Enter another character's name (1)
- View the list of character (2)
- View the list of vehicles (3)
- View the list of starships (4)
- View the list of films (5)
- Exit (0)

3

VEHICLES:

- AT-ST
- Flitknot speeder
- Imperial Speeder Bike
- Koro-2 Exodrive airspeeder
- Sith speeder
- Snowspeeder
- Tribubble bongo
- Tsmeu-6 personal wheel bike
- XJ-6 airspeeder
- Zephyr-G swoop bike

Choose one of the following options?

- Enter another character's name (1)
- View the list of character (2)
- View the list of vehicles (3)
- View the list of starships (4)
- View the list of films (5)
- Exit (0)

Shows the whole list of vehicles of the database and shows the menu again

- Choose the fourth option (view list of starships)

C:\Windows\system32\cmd.exe - go run Main.go Han Solo

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

```

      Han Solo
Height:           180
Mass:            80
Hair color:      brown
Skin color:      fair
Eye color:       brown
Birth year:      29BBY
Gender:          male
Home world:      Corellia
Species:         Human
Starship/s:
                Millennium Falcon
                Imperial shuttle

Vehicle/s:

Film/s:
                The Empire Strikes Back
                Return of the Jedi
                A New Hope
                The Force Awakens

```

Choose one of the following options?

```

Enter another character's name (1)
View the list of character     (2)
View the list of vehicles     (3)
View the list of starships    (4)
View the list of films        (5)
Exit                           (0)

```

4

```

STARSHIPS:
-A-wing
-Belbullab-22 starfighter
-H-type Nubian yacht
-Imperial shuttle
-Jedi Interceptor
-Jedi starfighter
-Millennium Falcon
-Naboo Royal Starship
-Naboo fighter
-Naboo star skiff
-Scimitar
-Slave 1
-T-70 X-wing fighter
-TIE Advanced x1
-Trade Federation cruiser
-X-wing

```

Choose one of the following options?

```

Enter another character's name (1)
View the list of character     (2)
View the list of vehicles     (3)
View the list of starships    (4)
View the list of films        (5)
Exit                           (0)

```

Shows the whole list of starships of the database ordered by name and displays the menu again

- Choose the fifth option (view list of films)

C:\Windows\system32\cmd.exe - go run Main.go Leia Organa

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Leia Organa

```

    Leia Organa
    Height:      150
    Mass:        49
    Hair color:   brown
    Skin color:   light
    Eye color:    brown
    Birth year:   19BBY
    Gender:       female
    Home world:   Alderaan
    Species:      Human
    Starship/s:

    Vehicle/s:
                    Imperial Speeder Bike

    Film/s:
                    The Empire Strikes Back
                    Revenge of the Sith
                    Return of the Jedi
                    A New Hope
                    The Force Awakens

```

Choose one of the following options?

Enter another character's name	(1)
View the list of character	(2)
View the list of vehicles	(3)
View the list of starships	(4)
View the list of films	(5)
Exit	(0)

5

```

    FILMS:
    -A New Hope
    -Attack of the Clones
    -Return of the Jedi
    -Revenge of the Sith
    -The Empire Strikes Back
    -The Force Awakens
    -The Phantom Menace

```

Choose one of the following options?

Enter another character's name	(1)
View the list of character	(2)
View the list of vehicles	(3)
View the list of starships	(4)
View the list of films	(5)
Exit	(0)

Shows the whole list of films of the database ordered by title and displays the menu again

- Choose the "Exit" option

```
Choose one of the following options?
    Enter another character's name  (1)
    View the list of character      (2)
    View the list of vehicles       (3)
    View the list of starships      (4)
    View the list of films          (5)
    Exit                            (0)
0
Good Bye! May the force be with you!
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>
```

Displays a *good bye* message and closes the application