

Survivors API - Documentation

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The world as we know it has fallen into an apocalyptic scenario. An alien invasion is abducting humans and swapping them for evil clones that look really similar to the original person.

This API was made to share resources between non-abducted humans and have the following resources:

- **Add survivors to the database**

1. With [PostMan](#)
2. Set your requisition to **POST** method
3. Put on your URL the following: `localhost:3000/survivors`
4. On Headers menu, select on **Key field** the option **Content-Type** and on the field **Value**, set to `application/json`
5. On Body menu, select the option **raw** and write in json format the attributes of the new Survivor like the example below:
6. Click on Send and if Success, you will see one JSON with the new Survivor registered and your attributes

"name": # Represents the name of the new survivor - **String**

"age": #Represents the age of the new survivor - **Integer**

"lat": # Represents the current latitude of the new survivor - **float**

"long": #Represents the current longit. of the new survivor - **float**

"gender": # Represents the gender of the new survivor with the following logic: **0** to Female and **1** to Male - **Integer**

Example JSON:

```
{  
  
  "name": "Daniel Orivaldo da Silva",  
  
  "age": 35,  
  
  "lat": -23.4273,  
  
  "long": -51.9375,  
  
  "gender": 1  
  
}
```

- Update Survivor Localization

1. With [PostMan](#)
2. Set your requisition to **PUT** method
3. Change your URL to add the Valid ID of the survivor that you want to update the localization like this: `localhost:3000/survivors/15`
4. On Headers menu, select on **Key field** the option **Content-Type** and on the field **Value**, set to **application/json**
5. On Body menu, select the option **raw** and write in json format the attributes of the new localization of the Survivor like the example below:
6. Click on Send and you will see one JSON with the Survivor and your new attributes

Example JSON:

```
{  
  
  "lat": -23.4273,  
  
  "long": -51.9375  
  
}
```

- Get All Survivors

1. With [PostMan](#)
2. Set your requisition to **GET** method
3. Change your URL to only **/survivor** like this:
`localhost:3000/survivors`
4. Click on Send and you will see one JSON with the all survivors ordered by alphabetic order and your current attributes

- Report Abduction

1. With [PostMan](#)
2. Set your requisition to **PUT** method
3. Change your URL to add the route **/report_abd** and a Valid ID of the survivor that you want report the abduction like this:
`localhost:3000/survivors/report_abd/15`
4. On Headers menu, select on **Key field** the option **Content-Type** and on the field **Value**, set to **application/json**
5. On Body menu, select the option **raw** and write in json format the ID of the Survivor who is reporting the abduction like the example below.
6. Click on Send and you will see one JSON with the Survivor and your new attributes

Example JSON:

```
{  
  "idDenunciante": 4  
}
```

NOTE:

Whenever a survivor receives 3 or more reports of other valid survivors, it will be treated as abducted.

- **Percentage of Survivors Abducted**

1. With [PostMan](#)
2. Set your requisition to **GET** method
3. Change your URL to only **/percent_abd** like this:
localhost:3000/survivors/**/percent_abd**
4. Click on Send and you will see one JSON with the percentage of the survivors with attribute **Abducted: True** by the total of Survivors.

- **Percentage of Survivors Abducted**

1. With [PostMan](#)
2. Set your requisition to **GET** method
3. Change your URL to only **/percent_non_abd** like this:
localhost:3000/**/percent_non_abd**
4. Click on Send and you will see one JSON with the percentage of the survivors with attribute **Abducted: False** by the total of Survivors.

- **Other Informations:**

The DB used for this API was the PostGreSQL

