

Warehouse Management System

GET Current Packages

<https://localhost:7237/api/packages/current>

Response: list of packages

```
[
  {
    "packageId": 1006,
    "type": "Cylinder",
    "dimintions": "x=70,y=100"
  }
]
```

GET Outgoing Packages

<https://localhost:7237/api/packages/outgoing>

Response: list of packages

```
[
  {
    "packageId": 1006,
    "type": "Cylinder",
    "dimintions": "x=70,y=100"
  }
]
```

GET Customers Packages

<https://localhost:7237/api/customers>

Response: list of Customers

```
[
  {
    "id": 1,
    "firstName": "Rami",
    "middleName": "Iyad",
    "lastName": "Mostafa",
    "packages": [
      {
        "packageId": 1005,
        "type": "Box",
        "dimintions": "x=50,y=50"
      }
    ]
  }, ...
]
```

GET Suppliers Packages

<https://localhost:7237/api/suppliers>

Response: list of Suppliers

```
[
  {
    "id": 1,
    "firstName": "Rami",
    "middleName": "Iyad",
    "lastName": "Mostafa",
    "packages": [
      {
        "packageId": 1005,
        "type": "Box",
        "dimintions": "x=50,y=50"
      }
    ]
  }, ...
]
```

GET Free Warehouse Locations

All free warehouse locations on a certain date

<https://localhost:7237/api/warehouseLocations/{Date}>

<https://localhost:7237/api/warehouseLocations/2022-12-1>

Response: list of Locations

```
[
  {
    "id": 1,
    "dimintion": "x=50,y=160",
    "capacity": 30
  }, ...
]
```

GET Transferred Packages

Transferred packages in a certain date grouped by customer

```
https://localhost:7237/api/packages/movements/{startDate}/{endDate}
```

```
https://localhost:7237/api/packages/movements/2022-07-25/2022-08-02
```

Response: list of Packages

```
[
  {
    "customerId": 1,
    "customerName": "Rami Iyad Mostafa",
    "packages": [
      {
        "packageId": 1005,
        "type": "Box",
        "dimintions": "x=50,y=50"
      },...
    ]
  },...
]
```

POST Add Warehouse Location

```
https://localhost:7237/api/warehouseLocations
```

Request body

```
{
  "dimintion": "x=300,y=235",
  "capacity": 120
}
```

PUT Update Warehouse Location

`https://localhost:7237/api/warehouseLocations/{LocationNumber}`

`https://localhost:7237/api/warehouseLocations/2`

Request body

```
{
  "dimintion": "x=300,y=235",
  "capacity": 120
}
```

GET Container

`https://localhost:7237/api/container/{ContainerNumber}`

`https://localhost:7237/api/container/111111111`

Response body

```
{
  "type": 0,
  "containerNumber": "111111111"
}
```

POST Add Container

`https://localhost:7237/api/container`

Request body

```
{
  "type": 0,
  "containerNumber": "111111111"
}
```

DELETE Expired Packages

`https://localhost:7237/api/packages/expired`