GetARoom Api Documentation

Documentation for the REST api access provided at GetARoom

Today

Today | Get today's events

In this case it's retrieved the today's events registered until now.

GET

```
http://localhost:83/api/today
```

Permission: logged in as analyst

Request Body

Field	Required	Type	Description
room	No	String (ex: 1.1.1)	Name of the room to filter
pageNo	No	Number	Page number *Default value: 0*

Output

Response (example):

```
[
  {
    "user": "Leonard Terrell",
    "email": "leonardterrell@cipromox.com",
    "room": "4.1.2",
    "entered": true,
    "time": "2022-01-11T15:24:45.000+00:00"
  },
  {
    "user": "Camacho Guzman",
    "email": "camachoguzman@cipromox.com",
```

```
      "room": "1.1.1",
      "entered": true,
      "time": "2022-01-11T15:24:50.000+00:00"
    },
    {
      "user": "Burns Acosta",
      "email": "burnsacosta@cipromox.com",
      "room": "4.1.3",
      "entered": true,
      "time": "2022-01-11T15:25:01.000+00:00"
    }
  ]
```

History

History | Get historic view of events

In this case it's retrieved all previous historic events registered until today.

GET

```
http://localhost:83/api/today
```

Permission: logged in as analyst

Request Body

Field	Required	Type	Description
yfilter	No	Number	Year of the events we want to filter
mfilter	No	Number	Month of the events we want to filter. For this filter to work yfilter must be set
dfilter	No	Number	Day of the events we want to filter. For this filter to work yfilter and mfilter must be set

Output

Response (example):

```
{
  "2022": {
```

```
    "1": [
      {
        "user": "Leonard Terrell",
        "email": "leonardterrell@cipromox.com",
        "room": "4.1.2",
        "entered": true,
        "time": "2022-01-11T15:24:45.000+00:00"
      },
      {
        "user": "Camacho Guzman",
        "email": "camachoguzman@cipromox.com",
        "room": "1.1.1",
        "entered": true,
        "time": "2022-01-11T15:24:50.000+00:00"
      },
      {
        "user": "Bailey Cobb",
        "email": "baileycobb@cipromox.com",
        "room": "4.1.3",
        "entered": true,
        "time": "2022-01-11T15:24:53.000+00:00"
      },
      {
        "user": "West Stafford",
        "email": "weststafford@cipromox.com",
        "room": "17.1.52",
        "entered": true,
        "time": "2022-01-16T14:04:18.000+00:00"
      }
    ]
  }
}
```

Status

Status | Get current status of rooms

In this case it's retrieved the current status of every room.

GET

```
http://localhost:83/api/status
```

Permission: logged in as analyst

Output

Response (example):

```json
{
  "Department 4": [
    {
      "id": "4.1.01",
      "occupancy": 0,
      "maxNumberOfPeople": 21,
      "currentOccupancy": "0"
    },
    {
      "id": "4.1.02",
      "occupancy": 0.03,
      "maxNumberOfPeople": 31,
      "currentOccupancy": "3"
    },
    {
      "id": "4.1.04",
      "occupancy": 0,
      "maxNumberOfPeople": 25,
      "currentOccupancy": "0"
    }
  ],
  "Department 17": [
    {
      "id": "17.1.42",
      "occupancy": 0.03,
      "maxNumberOfPeople": 31,
      "currentOccupancy": "3"
    },
    {
      "id": "17.1.43",
      "occupancy": 0,
      "maxNumberOfPeople": 7,
      "currentOccupancy": "0"
    },
    {
      "id": "17.1.44",
      "occupancy": 0.14,
      "maxNumberOfPeople": 7,
      "currentOccupancy": "14"
    },
    {
      "id": "17.3.19",
      "occupancy": 0,
      "maxNumberOfPeople": 13,
      "currentOccupancy": "0"
    }
  ]
}
```