

2020

VrijeDagen

API Documentatie - Tijdregistratie

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HOOFDSTUK 1: LOCATIONS

GET odata/Locations

Request Information

URI Parameters

None.

Body Parameters

None.

Response Information

Resource Description

Collection of LocationOdm

Name	Description	Type	Additional information
Id	Identifier of location	string	None.
Name	Name of location	string	None.
Deleted	Is True if location is deleted	boolean	To filter on only Active locations add '\$filter=Deleted eq false' to the request uri
Terminals	List of terminals added to the location	Collection of LocationIdentifierOdm	To get this list add '\$expand=Terminals' to the request URI

Collection of LocationIdentifierOdm

Name	Description	Type	Additional information
Id	Identifier of location identifier	string	None.
Name	Name of location identifier	string	None.

Response Formats

application/json

Example:

```
{
  "value": [
    {
      "Id": "00000000-0000-0000-0000-000000000000",
      "Name": "Main Building",
      "Deleted": false,
      "Terminals": [
        {
          "id": "00000000",
          "Name": "MainBuilding"
        }
      ]
    }
  ]
}
```

GET odata/Locations('{id}')

Request Information

URI Parameters

Name	Description	Type	Additional information
id	Identifier of location	string	Required

Body Parameters

None.

Response Information

Resource Description

Collection of LocationOdm

Name	Description	Type	Additional information
Id	Identifier of location	string	None.
Name	Name of location	string	None.
Deleted	Is True if location is deleted	boolean	To filter on only Active locations add '\$filter=Deleted eq false' to the request uri
Terminals	List of terminals added to the location	Collection of LocationIdentifierOdm	To get this list add '\$expand=Terminals' to the request URI

Collection of LocationIdentifierOdm

Name	Description	Type	Additional information
Id	Identifier of location identifier	string	None.
Name	Name of location identifier	string	None.

Response Formats

application/json

Example:

```
{  
  "Id": "00000000-0000-0000-0000-000000000000",  
  "Name": "Main Building",  
  "Deleted": false,  
  "Terminals": [  
    {  
      "id": "00000000",  
      "Name": "MainBuilding"  
    }  
  ]  
}
```

HOOFDSTUK 2: ACTIVITIES

GET odata/Activities

Request Information

URI Parameters

None.

Body Parameters

None.

Response Information

Resource Description

Collection of ActivityOdm

Name	Description	Type	Additional information
Id	Identifier of activity	string	None.
Name	Name of activity	string	None.

Response Formats

application/json

Example:

```
{
  "value": [
    {
      "Id": "00000000-0000-0000-0000-000000000000",
      "Name": "Default Work "
    }
  ]
}
```


GET odata/Activities('{id}')

Request Information

URI Parameters

Name	Description	Type	Additional information
id	Identifier of activity	string	Required

Body Parameters

None.

Response Information

Resource Description

Collection of ActivityOdm

Name	Description	Type	Additional information
Id	Identifier of activity	string	None.
Name	Name of activity	string	None.

Response Formats

application/json

Example:

```
{
  "Id": "00000000-0000-0000-0000-000000000000",
  "Name": "Default Work"
}
```

HOOFDSTUK 3: WORKDAYS

GET odata/Employees('{id}')/WorkDays

Workdays in current week.

Request Information

URI Parameters

Name	Description	Type	Additional information
id	Identifier of employee	string	Required

Body Parameters

None.

Response Information

Resource Description

Collection of WorkDayOdm

Name	Description	Type	Additional information
Id	Identifier of workday	string	None.
Date	Date of workday	string	Iso date string.
Location	Name of location	string	None.
Activity	Name of Activity	string	None.
In	Clocked in on	integer	Minutes counted form 00:00
Out	Clocked out on	interger	Minutes counted form 00:00
OwnerId	Employee Identifier	string	None.
Comment	Comment for workday	string	None.
InDateTime	Clocked in on	string	Iso date string.
OutDateTime	Clocked out on	string	Iso date string.

Response Formats

application/json

Example:

```
{
  "value": [
    {
      "Id": "00000000-0000-0000-0000-000000000000",
      "Date": "2020-01-01T00:00:00.0000000+02:00",
      "Location": "Main Building",
      "Activity": "Default Work",
      "In": 450,
      "Out": 1020,
      "OwnerId": "100!00001",
      "Comment": "-none-",
      "InDateTime": "2020-01-01T07:30:00.0000000+02:00",
      "OutDateTime": "2020-01-01T17:00:00.0000000+02:00"
    }
  ]
}
```

GET odata/Employees('{id}')/WorkDays('{date}')

Workdays in week of given date.

Request Information

URI Parameters

Name	Description	Type	Additional information
id	Identifier of employee	string	Required
date	Date within week you want to fetch	string	Required Format = yyyy-MM-dd

Body Parameters

None.

Response Information

Resource Description

Collection of WorkDayOdm

Name	Description	Type	Additional information
Id	Identifier of workday	string	None.
Date	Date of workday	string	Iso date string.
Location	Name of location	string	None.
Activity	Name of Activity	string	None.
In	Clocked in on	integer	Minutes counted form 00:00
Out	Clocked out on	interger	Minutes counted form 00:00
OwnerId	Employee Identifier	string	None.
Comment	Comment for workday	string	None.
InDateTime	Clocked in on	string	Iso date string.
OutDateTime	Clocked out on	string	Iso date string.

Response Formats

application/json

Example:

```
{
  "value": [
    {
      "Id": "00000000-0000-0000-0000-000000000000",
      "Date": "2020-01-01T00:00:00.0000000+02:00",
      "Location": "Main Building",
      "Activity": "Default Work",
      "In": 450,
      "Out": 1020,
      "OwnerId": "100!00001",
      "Comment": "-none-",
      "InDateTime": "2020-01-01T07:30:00.0000000+02:00",
      "OutDateTime": "2020-01-01T17:00:00.0000000+02:00"
    }
  ]
}
```

HOOFDSTUK 4: CLOCKEVENTS

GET odata/Employees('{id}')/ClockEvents

ClockEvents in current week.

Request Information

URI Parameters

Name	Description	Type	Additional information
id	Identifier of employee	string	Required

Body Parameters

None.

Response Information

Resource Description

Collection of WorkDayOdm

Name	Description	Type	Additional information
Id	Identifier of ClockEvent	string	None.
When	Date of workday	string	Iso date string.
Location	Name of location	string	None.
Activity	Name of Activity	string	None.
OwnerId	Employee Identifier	string	None.
Type	CheckedIn or CheckedOut	string	Based on the event in or out.

Response Formats

application/json

Example:

```
{  
  "value": [  
    {  
      "Id": "00000000-0000-0000-0000-000000000000",  
      "When": "2020-01-01T00:07:30.0000000+02:00",  
      "Location": "Main Building",  
      "Activity": "Default Work",  
      "OwnerId": "100!00001",  
      "Type": "CheckedIn"  
    }  
  ]  
}
```

GET odata/Employees('{id}')/ClockEvents('{date}')

ClockEvents in week of given date.

Request Information

URI Parameters

Name	Description	Type	Additional information
id	Identifier of employee	string	Required
date	Date within week you want to fetch	string	Required Format = yyyy-MM-dd

Body Parameters

None.

Response Information

Resource Description

Collection of WorkDayOdm

Name	Description	Type	Additional information
Id	Identifier of ClockEvent	string	None.
When	Date of workday	string	Iso date string.
Location	Name of location	string	None.
Activity	Name of Activity	string	None.
OwnerId	Employee Identifier	string	None.
Type	CheckedIn or CheckedOut	string	Based on the event in or out.

Response Formats

application/json

Example:

```
{  
  "value": [  
    {  
      "Id": "00000000-0000-0000-0000-000000000000",  
      "When": "2020-01-01T00:07:30.0000000+02:00",  
      "Location": "Main Building",  
      "Activity": "Default Work",  
      "OwnerId": "100!00001",  
      "Type": "CheckedIn"  
    }  
  ]  
}
```

HOOFDSTUK 5: WHOISIN

GET odata/WholsIn

Request Information

URI Parameters

None.

Body Parameters

None.

Response Information

Resource Description

Collection of LocationOdm

Name	Description	Type	Additional information
Id	AppId of Administration	string	None.
WholsIn	Employees that are checked in	Collection of IsInOdm	None.
NotCheckedOut	Employees that did not check out	Collection of IsInOdm	None.
NotIn	Employees that are not checked in today	Collection of NotInOdm	None.

Collection of IsInOdm

Name	Description	Type	Additional information
OwnerId	Identifier of owner	string	None.
OwnerName	Name of owner	string	None.
Location	Name of location where checked in	string	None.
Activity	Name of activity used to check in	string	None.
ClockedInAt	Time or date when clocked in	string	If Owner is checked in the time when the owner clocked is shown else the date on the date where the Owner did not checkout is shown.

Collection of NotIn

Name	Description	Type	Additional information
OwnerId	Identifier of owner	string	None.
OwnerName	Name of owner	string	None.

Response Formats

application/json

Example:

```
{
  "Id": "00000000-0000-0000-0000-000000000000",
  "WholsIn": [
    {
      "OwnerId": "100!00001",
      "OwnerName": "1, Employee",
      "Location": "Main Building",
      "CLockedInAt": "07:30",
      "Activity": "Default Work"
    }
  ],
  "NotCheckedOut": [
    {
      "OwnerId": "100!00002",
      "OwnerName": "2, Employee",
      "Location": "Main Building",
      "CLockedInAt": "13-10-2020",
      "Activity": "Default Work"
    }
  ],
}
```

```
"NotIn": [  
  {  
    "OwnerId": "100!00003",  
    "OwnerName": "3, Employee"  
  }  
]
```