

Employee

Overview

This API provides methods for employee service

Document created : 2019-12-19 14-16

Version information

Version : v3.0

URI scheme

Host : hostname is the same as your POS Cloud.

BasePath : /api/employees/v3.0

Paths

Get attendances data - for employee since some date.

```
GET /api/employees/v3.0/attendances/employees/{employeeId}/period/{startDate}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeId <i>required</i>	Employee id of interest.	integer (int64)
Path	startDate <i>required</i>	Start date of interest.	string

Responses

HTTP Code	Description	Schema
200	Current state of attendances data.	AttendanceListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get attendances data - for employee between dates.

```
GET /api/employees/v3.0/attendances/employees/{employeeId}/period/{startDate}/{endDate}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeId <i>required</i>	Employee id of interest.	integer (int64)
Path	endDate <i>required</i>	Final date of interest.	string
Path	startDate <i>required</i>	Start date of interest.	string

Responses

HTTP Code	Description	Schema
200	Current state of attendances data.	AttendanceListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get attendances data - for all employees since some date.

```
GET /api/employees/v3.0/attendances/period/{startDate}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>		string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	startDate <i>required</i>	Start date of interest.	string (date)

Responses

HTTP Code	Description	Schema
200	Current state of attendances data.	AttendanceListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get attendances data - for all employees between dates.

```
GET /api/employees/v3.0/attendances/period/{startDate}/{endDate}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string

Type	Name	Description	Schema
Path	endDate <i>required</i>	Final date of interest.	string
Path	startDate <i>required</i>	Start date of interest.	string

Responses

HTTP Code	Description	Schema
200	Current state of attendances data.	AttendanceListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Create an employee group.

```
POST /api/employees/v3.0/employee_groups
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Body	employeeGroup <i>required</i>	The data about employee group.	EmployeeGroupRequest

Responses

HTTP Code	Description	Schema
200	The request has succeeded.	EmployeeGroupSingleResponse
201	Entity was created successfully.	EmployeeGroupSingleResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Consumes

- `application/json`

Produces

- `application/json`

Get data of employees by business unit id.

```
GET /api/employees/v3.0/employee_groups
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string

Responses

HTTP Code	Description	Schema
200	Current state of employees.	EmployeeGroupListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get employee group data.

```
GET /api/employees/v3.0/employee_groups/{employeeGroupId}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeGroupId <i>required</i>	Employee group id of interest.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Current state of employee.	EmployeeGroupSingleResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Update employee group data.

```
PUT /api/employees/v3.0/employee_groups/{employeeGroupId}
```


Description

Overwrites all employee group fields, including null values.

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeGroupId <i>required</i>	Employee group id of interest.	integer (int64)
Body	employeeGroup <i>required</i>	The data about employee group.	EmployeeGroupRequest

Responses

HTTP Code	Description	Schema
200	The request has succeeded.	EmployeeGroupSingleResponse
201	Entity was created successfully.	EmployeeGroupSingleResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Consumes

- `application/json`

Produces

- `application/json`

Delete a single employee group via business unit id and employee group id.

```
DELETE /api/employees/v3.0/employee_groups/{employeeGroupId}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeGroup id <i>required</i>	Employee group id of interest.	integer (int64)

Responses

HTTP Code	Description	Schema
200	successful operation	object
204	No content	No Content
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
409	Data conflict, provided state can't be accepted.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Create an employee.

```
POST /api/employees/v3.0/employees
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Body	employee <i>required</i>	The data about employee	EmployeeRequest

Responses

HTTP Code	Description	Schema
200	The request has succeeded.	EmployeeSingleResponse
201	Entity was created successfully.	EmployeeSingleResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Consumes

- `application/json`

Produces

- `application/json`

Get data of employee by business unit id.

```
GET /api/employees/v3.0/employees
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string

Responses

HTTP Code	Description	Schema
200	Current state of employees.	EmployeeListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get employee data.

```
GET /api/employees/v3.0/employees/{employeeId}
```

Description

Employee object belongs to the transaction object and includes all the information about employee, who made the order.

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeId <i>required</i>	Employee id of interest.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Current state of employee.	EmployeeSingleResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse

HTTP Code	Description	Schema
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Update employee data.

```
PUT /api/employees/v3.0/employees/{employeeId}
```

Description

Overwrites all employee fields, including null values.

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeId <i>required</i>	Employee id of interest.	integer (int64)
Body	employee <i>required</i>	The data about employee	EmployeeRequest

Responses

HTTP Code	Description	Schema
200	The request has succeeded.	EmployeeSingleResponse
201	Entity was created successfully.	EmployeeSingleResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse

HTTP Code	Description	Schema
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Consumes

- `application/json`

Produces

- `application/json`

Delete a single employee via business unit id and employee id.

```
DELETE /api/employees/v3.0/employees/{employeeId}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeId <i>required</i>	Employee id of interest.	integer (int64)

Responses

HTTP Code	Description	Schema
200	successful operation	object
204	No content	No Content
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. ID is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Check login pin.

```
GET /api/employees/v3.0/employees/{employeeId}/check_login_pin/{loginPin}
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string
Path	employeeId <i>required</i>	Employee id of interest.	integer (int64)
Path	loginPin <i>required</i>	Login pin to check	integer (int64)

Responses

HTTP Code	Description	Schema
200	Result of verification.	VerificationResult
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
404	Not found, e.g. employee is not found.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get permissions data.

```
GET /api/employees/v3.0/permissions
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string

Responses

HTTP Code	Description	Schema
200	Current state of permissions.	PermissionListResponse
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Get group permissions data.

```
GET /api/employees/v3.0/permissions/groups
```

Parameters

Type	Name	Description	Schema
Header	X-Business-Units <i>required</i>	Business unit designates one business venue, which data is requested. Make sure your token allows to access the given business unit, you can check it in the cloud.	string
Header	X-Token <i>required</i>	You can obtain this token in the cloud.	string

Responses

HTTP Code	Description	Schema
200	Current state of group permissions.	PermissionGroupListResponse

HTTP Code	Description	Schema
400	Bad Request - the given JSON or params is/are not valid, e.g. businessUnitId is less than 0.	ErrorResponse
403	Forbidden - account is not authorized.	ErrorResponse
500	Internal server error, e.g. the database could not be accessed.	ErrorResponse

Produces

- `application/json`

Definitions

AttendanceListResponse

Name	Description	Schema
attendances <i>required</i>	Data of attendances.	< AttendanceResponse > array

AttendanceResponse

Name	Description	Schema
attendanceInMin <i>required</i>	Duration in minutes for the current attendance entry. The attendance entry is generated by clicking start and finalized by clicking stop. Example : 6	integer (int32)
costCenterId <i>required</i>	Id of the cost center, where the action took place. Example : 11	integer (int64)
costCenterName <i>optional</i>	Name of the cost center, where the action took place. Example : "Innen"	string
device <i>required</i>	Example : 9	integer (int64)
employeeId <i>required</i>	Id of the employee the attendance entry belongs to. Example : 10	integer (int64)
employeeName <i>optional</i>	Name of the employee the attendance entry belongs to. Example : "Bankett"	string
endTimeStamp <i>optional</i>	Timestamp designating the time when "stop" action was performed. Example : "2014-07-15T15:00:00.000+0000"	string (date-time)
endedMin <i>required</i>	Integer representing the minute value of ending time. If done in 17:36 the the value would be 36. Example : 5	integer (int32)
gastronomicDay <i>optional</i>	Gastronomic day is a unit designating one operational day for the customer, not necessarily fully overlapping with the calendar day. Example : "2014-07-14T21:00:00.000+0000"	string (date-time)
hour <i>required</i>	Integer representing the minute value of ending time. If done in 17:36 the value would be 17. Example : 2	integer (int32)
personnelNumber <i>optional</i>	The value belongs to the employee who initiated the attendance entry. Type - Integer. Example : "1234"	string

Name	Description	Schema
sequentialNumber <i>required</i>	Each new attendance entry becomes subsequent number. Example : 0	integer (int64)
servicePeriod <i>required</i>	Example : 8	integer (int64)
startTime <i>optional</i>	Timestamp designating the time when "start" action was performed. Example : "2014-07-15T14:00:00.000+0000"	string (date-time)
startedMin <i>required</i>	Integer representing the minute value of starting time. If done in 17:36 the the value would be 36. Example : 4	integer (int32)
time <i>required</i>	Example : 3	integer (int32)
timestamp <i>optional</i>	Timestamp designating the time when the entry was created. Example : "2014-07-15T05:00:00.000+0000"	string (date-time)
transactionId <i>optional</i>	Example : "1e8dee15-4031-4fdf-a528-d17218ddd57f"	string (uuid)
week <i>required</i>	Example : 1	integer (int32)
weekday <i>required</i>	The integer signifies the number of day of the week. Example : 7	integer (int64)

EmployeeGroupListResponse

Name	Description	Schema
employeeGroups <i>required</i>	Data of employee groups.	< EmployeeGroupResponse > array

EmployeeGroupRequest

Name	Description	Schema
description <i>required</i>	Employee group description. Length : 0 - 255 Example : "Cool and Hot"	string
name <i>required</i>	The name of the employee group. Customizable in Setup / Employee groups. Length : 0 - 100 Example : "Advanced"	string

Name	Description	Schema
permissions <i>required</i>	Employee group permissions, including IDs and key values (which have human readable naming). Each group has a set of permissions, that define what actions the employee allowed to do. You can't change permissions, they are predefined in the cloud.	< IDSingleData > array

EmployeeGroupResponse

Name	Description	Schema
description <i>required</i>	Employee group description. Length : 0 - 255 Example : "Cool and Hot"	string
id <i>required</i>	ID of employee group. Each employee group has it's own unique id. Example : 1	integer (int64)
name <i>required</i>	The name of the employee group. Customizable in Setup / Employee groups. Length : 0 - 100 Example : "Advanced"	string
permissions <i>required</i>	Employee group permissions, including IDs and key values (which have human readable naming). Each group has a set of permissions, that define what actions the employee allowed to do. You can't change permissions, they are predefined in the cloud.	< PermissionDataName > array

EmployeeGroupSingleResponse

Name	Schema
employeeGroup <i>required</i>	EmployeeGroupResponse

EmployeeListResponse

Name	Description	Schema
employees <i>required</i>	Data of employees.	< EmployeeResponse > array

EmployeeRequest

Name	Description	Schema
firstName <i>required</i>	The first name of the employee. Customizable in Master Data / Employee. Length : 0 - 255 Example : "Nancy"	string

Name	Description	Schema
groups <i>required</i>	An array of group objects, which contain information about employee groups. Each group can differ in terms of permissions, and there might be more than one assigned to the employee.	< PairIdName > array
lastName <i>required</i>	The last name of the employee. Customizable in Master Data / Employee. Length : 0 - 255 Example : "Livingstone"	string
loginPin <i>optional</i>	The pin of the current employee, used for logging in. Customizable in Master Data / Employee. Type – integer. Unique value. Example : 1239	integer (int32)
number <i>optional</i>	The staff number for the identification purposes. Customizable in Master Data / Employee. Length : 0 - 255 Example : "116"	string
password <i>optional</i>	The password of the employee. Can be used alternatively to PIN. Type - string. Customizable in Master Data / Employee. Length : 0 - 255 Example : "fa2e2c623c0753facdaeac5f71621fff"	string
safe <i>optional</i>	Example : false	boolean

EmployeeResponse

Name	Description	Schema
firstName <i>required</i>	The first name of the employee. Customizable in Master Data / Employee. Length : 0 - 255 Example : "Nancy"	string
groups <i>required</i>	An array of group objects, which contain information about employee groups. Each group can differ in terms of permissions, and there might be more than one assigned to the employee.	< PairIdName > array
id <i>required</i>	ID of employee. Example : 1	integer (int64)
lastName <i>required</i>	The last name of the employee. Customizable in Master Data / Employee. Length : 0 - 255 Example : "Livingstone"	string
loginPin <i>optional</i>	The pin of the current employee, used for logging in. Customizable in Master Data / Employee. Type – integer. Unique value. Example : 1239	integer (int32)

Name	Description	Schema
number <i>optional</i>	The staff number for the identification purposes. Customizable in Master Data / Employee. Length : 0 - 255 Example : "116"	string
password <i>optional</i>	The password of the employee. Can be used alternatively to PIN. Type - string. Customizable in Master Data / Employee. Length : 0 - 255 Example : "fa2e2c623c0753facdaeac5f71621fff"	string
safe <i>optional</i>	Example : false	boolean

EmployeeSingleResponse

Name	Schema
employee <i>required</i>	EmployeeResponse

ErrorResponse

Name	Description	Schema
errorMessage <i>required</i>	Error message as text. Example : "A database error occurred."	string

IDSingleData

Name	Description	Schema
id <i>required</i>	Integer (long) ID of instance. Example : 1283	integer (int64)

PairIdName

Name	Description	Schema
id <i>required</i>	ID of instance. Example : 13	integer (int64)
name <i>required</i>	Name of instance. Example : "NAME"	string

PermissionDataName

Name	Description	Schema
id <i>required</i>	ID of permission. Each permission has it's own unique id. Example : 19	integer (int64)

Name	Description	Schema
name <i>required</i>	Name of permission. Example : "TABLE_VIEW"	string

PermissionGroupListResponse

Name	Description	Schema
employeePermissions <i>required</i>	Data of permissions of groups.	< PermissionGroupResponse > array

PermissionGroupResponse

Name	Description	Schema
id <i>required</i>	ID of permission group. Each permission group has its own unique id. Example : 19	integer (int64)
name <i>required</i>	Name of group permission. Example : "Basic"	string
permissions <i>required</i>	Nested array of permissions, that belong to the group. Permissions are put into groups to facilitate their representation in the cloud UI.	< PermissionResponse > array

PermissionListResponse

Name	Description	Schema
employeePermissions <i>required</i>	Data of permissions.	< PermissionResponse > array

PermissionResponse

Name	Description	Schema
id <i>required</i>	ID of permission. Each permission has its own unique id. Example : 19	integer (int64)
key <i>required</i>	Key value of a permission. For example, 'table_view' or 'access_all_tables'. Example : "TABLE_VIEW"	string

VerificationResult

Name	Description	Schema
verificationSucceeded <i>optional</i>	Reflects, whether the given PIN already used or not. Example : <code>true</code>	boolean