

Technical Specification

Employee API



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1 Introduction

The Employee API in Lifecare Exchange Services provides services that make it possible to import and export personnel employments. The services in the Employee API are accessed via URIs.

This document describes following:

- Which information that a user can import and export via the Employee API.
- How the employee information is divided into entities and how these entities are structured.

1.1 Prerequisites

Before you can get access to the Employee API you must request a license key from Tieto. You should have basic knowledge on Swedish school system and W3C XML before you start using the API.

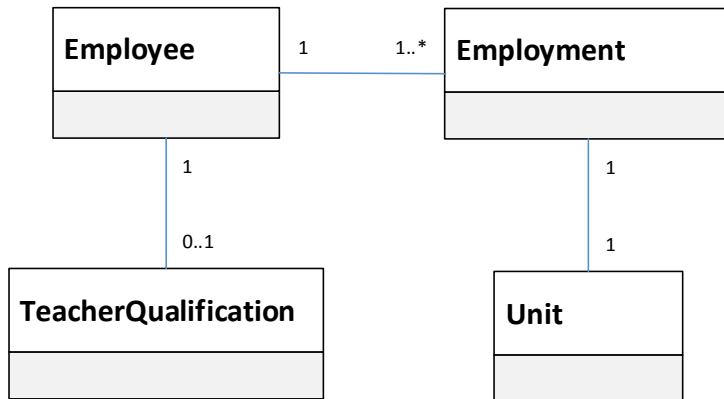
2 Supported school types

The table below describes the supported types of school.

School type	Description	Code
Pedagogical care	Childcare groups for children between 1-12 years	PC
Preschool	Childcare for children between 1-6 years	FS
Leisure time centre	Childcare for school-aged children over 6 years	F
Preschool class	Preschool class for children 6 years of age	FK
Compulsory School	Primary school for younger students	GR
Compulsory School For Learning Disabilities	Compulsory school for learning disabilities	S
Upper Secondary School	Secondary school. 3-4 years education	GY
Upper Secondary School For Learning Disabilities	Secondary school for learning disabilities	GS
Swedish For Immigrants School	Swedish for immigrants school	SF
Adult School For Learning Disabilities	School for adults with learning disabilities	SV
Municipal Adult School	Municipality school for adults	KV
Higher Vocational Education	Higher vocational education	YH

3 Domain model

The diagram below describes how the information is divided into entities and how these entities are structured.



4 Entities

4.1 Employee

Name	Description	Read-only
id	GUID for the employee	Yes
personid	Person id for the employee	Yes
firstname	First name	Yes
lastname	Last name	Yes
privacy	The person has restrictions. This is enumerated as None, Level1. Level1 means privacy highlighted by the "Skatteverket".	Yes
employment	Employment	Yes
teachingqualification	Teaching qualification	Yes

4.2 Employment

Name	Description	Read-only
start	Start date for the employment	Yes
end	End date for the employment	Yes
signature	Signature	Yes

Name	Description	Read-only
email	Email	Yes
phone	Phone number	Yes
category	Employment category <i>TeachingStaff</i> Teaching staff <i>OtherStaff</i> Other staff	Yes
unit	Unit	Yes
title	Title <i>Principal</i> Principal <i>Other</i> OtherTitle	Yes

4.3 Unit

Name	Description	Read-only
Id	The unit id	Yes
name	Name of the unit	Yes
schooltype	School type	Yes

4.4 TeachingQualification

Name	Description	Read-only
schoolyears	The school years a teacher is qualified to educate in	No
subjects	The subjects a teacher is qualified to educate in	No
schooltypes	The school types a teacher is qualified to educate in	No

5 Services

All services are based on HTTP REST technology and organized in school types to match each school structure. "Update services" are using the method HTTP POST and "Get services" are using the method HTTP GET.

5.1 Export

The services below give employees at a specified date interval. The output is XML information with employees.

Base path for services are: [https://\[host\]/WE.Education.Integration.Host/LES/Employee/V2/Employee.svc](https://[host]/WE.Education.Integration.Host/LES/Employee/V2/Employee.svc)

Parameters – Alternative 1:

Parameter	Mandatory	Description
SearchDate	No	The search date. Current date will be used if SearchDate is not specified. The oldest search date that can be used is current date minus eight years.

Parameters – Alternative 2:

Parameter	Mandatory	Description
UnitId	Yes	Id for the school unit. Employees for all school units will be returned if UnitId is not specified.
SearchDate	No	The search date. Current date will be used if SearchDate is not specified. The oldest search date that can be used is current date minus eight years.

Services:

Service	Description
GetPedagogicalCareEmployees	Get employees for pedagogical care.
GetPreSchoolEmployees	Get employees for preschool.
GetLeisureTimeCentreEmployees	Get employees for leisure time centre.
GetPreSchoolClassEmployees	Get employees for preschool class
GetCompulsorySchoolEmployees	Get employees for compulsory schools
GetCompulsorySchoolForLearningDisabilitiesEmployees	Get employees for compulsory school with learning disabilities
GetUpperSecondarySchoolEmployees	Get employees for upper secondary school
GetUpperSecondarySchoolForLearningDisabilitiesEmployees	Get employees for upper secondary

Service	Description
	school with learning disabilities
GetSwedishForImmigrantsSchoolEmployees	Get employees for Swedish for immigrants
GetMunicipalAdultSchoolEmployees	Get employees for municipal adult school
GetAdultSchoolForLearningDisabilitiesEmployees	Get employees for adult school with learning disabilities
GetHigherVocationalEducationEmployees	Get employees for higher vocational education

5.2 Import

The services below update or add new employees. The services take no parameters.

Base path for services are: [https://\[host\]/WE.Education.Integration.Host/LES/Employee/V2/Employee.svc](https://[host]/WE.Education.Integration.Host/LES/Employee/V2/Employee.svc)

Services:

Service	Description
UpdatePedagogicalCareEmployees	Update or add new employees for pedagogical care.
UpdatePreSchoolEmployees	Update or add new employees for preschool.
UpdateLeisureTimeCentreEmployees	Update or add new employees for leisure time centre.
UpdatePreSchoolClassEmployees	Update or add new employees for preschool class
UpdateCompulsorySchoolEmployees	Update or add new employees for compulsory schools
UpdateCompulsorySchoolForLearningDisabilitiesEmployees	Update or add new employees for compulsory school with learning disabilities
UpdateUpperSecondarySchoolEmployees	Update or add new employees for upper secondary school
UpdateUpperSecondarySchoolForLearningDisabilitiesEmployees	Update or add new employees for upper secondary school with learning disabilities
UpdateSwedishForImmigrantsSchoolEmployees	Update or add new employees for Swedish for immigrants
UpdateMunicipalAdultSchoolEmployees	Update or add new employees for municipal adult school
UpdateAdultSchoolForLearningDisabilitiesEmployees	Update or add new employees for adult school with learning disabilities
UpdateHigherVocationalEducationEmployees	Update or add new employees for higher vocational education

6 Appendix

6.1 References

Name	Address
Employee API XML schemas and examples	https://github.com/ExchangeServices/API

6.2 Vocabulary

Word	Description